

## REFERENCES

- Abbott, A. (1988). *The system of professions: An essay on the division of expert labor*. University of Chicago press.
- Abbott, A. (1991). The order of professionalization: An empirical analysis. *Work and occupations*, 18(4), 355-384.
- Acker, S. (1995). Carry on caring: The work of women teachers. *British Journal of Sociology of Education*, 16(1), 21-36.
- Acker, S., & David, M. E. (1994). Gendered education sociological reflections on women, teaching and feminism.
- Adeyemo, D. A., & Adetona, M. O. (2005). A path analytic study of the personality factors affecting students' learning outcomes in Mathematics. *European Journal of scientific research*, 18(1), 118-133.
- Adsit, J. N. (2004). *Technology-Mediated Professional Development Programs for Teachers and School Leaders*. American Association of Colleges for Teacher Education, 1307 New York Avenue, NW, Suite 300, Washington, DC 20005.
- Airaksinen, T. (2009). The philosophy of professional ethics. *Institutional Issues Involving Ethics and Justice*, 1, 201-215.
- AK, M. A., & Aruna, P. K. (2014). Effect of Teacher Efficacy on Professional Development of Higher Secondary School Teachers of Kerala. *IOSR Journal of Humanities and Social Sciences*, 19(6), 37-41.
- Albee, J. J., & Piveral, J. A. (2003). Management process for defining and monitoring teacher dispositions. *International Journal of Educational Management*, 17(7), 346-356.

- Alcott, B., Banerji, M., Bhattacharjea, S., Nanda, M., & Ramanujan, P. (2020). One step forward, two steps back: transitions between home, pre-primary and primary education in rural India. *Compare: A Journal of Comparative and International Education*, 50(4), 482-499.
- AlHaqwi, A. I., van der Molen, H. T., Schmidt, H. G., & Magzoub, M. E. (2010). Determinants of effective clinical learning: a student and teacher perspective in Saudi Arabia. *Education for Health*, 23(2), 369.
- Allison, P. D. (1999). *Multiple regression: A primer*. Pine Forge Press.
- Alloway, T. P., & Alloway, R. G. (2010). Investigating the predictive roles of working memory and IQ in academic attainment. *Journal of experimental child psychology*, 106(1), 20-29.
- Alrawahi, S., Sellgren, S. F., Altouby, S., Alwahaibi, N., & Brommels, M. (2020). The application of Herzberg's two-factor theory of motivation to job satisfaction in clinical laboratories in Omani hospitals. *Heliyon*, 6(9).
- Amadi, M. N. (2013). In-Service Training and Professional Development of Teachers in Nigeria: Through Open and Distance Education. *Bulgarian Comparative Education Society*, 173–180.
- Ambady, N., Shih, M., Kim, A., & Pittinsky, T. L. (2001). Stereotype susceptibility in students: Effects of identity activation on quantitative performance. *Psychological science*, 12(5), 385-390.
- Amin, M. E. K., Nørgaard, L. S., Cavaco, A. M., Witry, M. J., Hillman, L., Cernasev, A., &

- Desselle, S. P. (2020). Establishing trustworthiness and authenticity in qualitative pharmacy research. *Research in Social and Administrative Pharmacy*, 16(10), 1472-1482.
- Amzat, I. H., & Valdez, N. P. (2017). Teacher empowerment toward professional development and practices: Perspectives across borders. In *Teacher Empowerment Toward Professional Development and Practices: Perspectives Across Borders*. <https://doi.org/10.1007/978-981-10-4151-8>
- Analoui, F. (1995), "Teachers as managers: an exploration into teaching styles", *International Journal of Educational Management*, Vol. 9 No. 5, pp. 16-19.
- Andamon, J., & Tan, D. A. (2018). Conceptual understanding, attitude and performance in mathematics of grade 7 students. *International Journal of Scientific & Technology Research*, 7(8), 96-105.
- Anderson, L. W., & Krathwohl, D. R. (2001). *A taxonomy for learning, teaching, and assessing: A revision of Bloom's taxonomy of educational objectives*. Longman.
- Appel, M., & Kronberger, N. (2012). Stereotypes and the achievement gap: Stereotype threat prior to test taking. *Educational Psychology Review*, 24(4), 609-635.
- Arham, A. F., Norizan, N. S., Ridzuan, A. R., Alwi, S. N. N. N. S., & Arham, A. F. (2019). Work–Life Conflicts among Women in Malaysia: A Preliminary Study. *International Journal of Academic Research in Business and Social Sciences*, 9(9), 614-623.
- Arum, R., Beattie, I. R., & Ford, K. (Eds.). (2010). *The structure of schooling: Readings in the sociology of education*. Pine Forge Press.
- ASER 2017 (2018). 'Beyond Basics' (Rural). New Delhi: ASER Centre.
- ASER. (2011). Annual status of education report (rural) 2010.

- ASER. (2019). Annual status of education report (rural) 2018.
- Asimaki, A., & Vergidis, D. K. (2013). Detecting the Gender Dimension of the Choice of the Teaching Profession Prior to the Economic Crisis and IMF (International Monetary Fund) Memorandum in Greece--A Case Study. *International Education Studies*, 6(4), 140-153.
- Atinc, T. M., & Gustafsson-Wright, E. (2013). Early childhood development: the promise, the problem, and the path forward. *Center for Universal Education*.
- Atkin, J. M., & Raths, J. J. (1974). Changing patterns of teacher education. *Atkin, J. Myron; And Others New Patterns of Teacher Education and Tasks; Country*, 3.
- Atkinson, J. (1974). Motivation and achievement. Washington, D. C.: V. H. Winston and Sons.
- Atkinson, J. (1974). Motivation and achievement. Washington, D. C.: V. H. Winston and Sons.
- Avalos, B. (2011). Teacher professional development in teaching and teacher education over ten years. *Teaching and Teacher Education*, 27(1), 10-20.
- Awang, Z., Hui, L.S., Zainudin, N.F. (2018). Pendekatan Mudah SEM Structural Equation Modelling. Bandar Baru Bangi: MPWS Rich Resources.
- Baartman, L. K., Bastiaens, T. J., Kirschner, P. A., & Van der Vleuten, C. P. (2007). Evaluating assessment quality in competence-based education: A qualitative comparison of two frameworks. *Educational research review*, 2(2), 114-129.

- Baenninger, M., & Newcombe, N. (1995). Environmental input to the development of sex-related differences in spatial and mathematical ability. *Learning and Individual Differences, 7*(4), 363-379.
- Baker, D. P. (2014). *The schooled society: The educational transformation of global culture*. Palo Alto, CA: Stanford University Press.
- Baker, D. P., & LeTendre, G. K. (2005). *National differences, global similarities: World culture and the future of schooling*. Palo Alto, CA: Stanford University Press.
- Bakken, L., Brown, N., & Downing, B. (2017). Early childhood education: The long-term benefits. *Journal of research in Childhood Education, 31*(2), 255-269.
- Ball, S.J., 1998. Big policies/small world: an introduction to international perspective in education policy. *Comparative Education, 34* (2), 119–130.
- Barber, M., & Mourshed, M. (2007). *How the world's best performing systems come out on top*. McKinsey and Company.
- Barida, M., & Muarifah, A. (2019). Perbedaan Kinerja Guru Bimbingan dan Konseling dalam Menyelenggarakan Konseling Individual Ditinjau dari Latar Belakang Pendidikan dan Pengalaman Bekerja. *Jurnal Kajian Bimbingan dan Konseling, 4*(1), 22.
- Barnett, W. S. (1995). Long-term effects of early childhood programs on cognitive and school outcomes. *The future of students, 25-50*.

- Barr, A., & Zeitlin, A. (2010). *Dictator games in the lab and in nature: External validity tested and investigated in Ugandan primary schools* (No. 2010-11). Centre for the Study of African Economies, University of Oxford.
- Barrett, B. (2009). No Child Behind and the assault on the teachers' professional practices and identities. *Teaching and Teacher Education*, 25, 1018-1025.
- Barth, M., Godemann, J., Rieckmann, M., & Stoltenberg, U. (2007). Developing key competencies for sustainable development in higher education. *International Journal of sustainability in higher education*.
- Basow, S. A., & Silberg, N. T. (1987). Student evaluations of college professors: Are female and male professors rated differently? *Journal of educational psychology*, 79(3), 308.
- Baye, A., & Monseur, C. (2016). Gender differences in variability and extreme scores in an international context. *Large-scale Assessments in Education*, 4(1), 1-16.
- Bazzi, S., Gaduh, A., Rothenberg, A. D., & Wong, M. (2019). Unity in diversity? How intergroup contact can foster nation building. *American Economic Review*, 109(11), 3978-4025.
- Beckmann, E., & Minnaert, A. (2018). Non-cognitive characteristics of gifted students with learning disabilities: An in-depth systematic review. *Frontiers in Psychology*, 9, 504.
- Belsley, D. A., Kuh, E., & Welsch, R. E. (2005). *Regression diagnostics: Identifying influential data and sources of collinearity* (Vol. 571). John Wiley & Sons.
- Belur, R. (2019, may). Kindergarten classes at govt schools from this year.

- Benedek, D., & Lelkes, O. (2008). Assessment of income distribution and a hypothetical flat tax reform in Hungary. *Journal of Applied Economic Sciences*, 3(5).
- Benson, P. (2010). Teacher education and teacher autonomy: Creating spaces for experimentation in secondary school English language teaching. *Language Teaching Research*, 14(3), 259–275.
- Benthin, A., Slovic, P., Moran, P., Severson, H., Mertz, C. K., & Gerrard, M. (1995). Adolescent health-threatening and health-enhancing behaviors: A study of word association and imagery. *Journal of Adolescent Health*, 17(3), 143-152.
- Berry, W. D. (1993). *Understanding regression assumptions* (Vol. 92). Sage.
- Betancourt, J. R., Green, A. R., & Carrillo, J. E. (2002). *Cultural competence in health care: Emerging frameworks and practical approaches* (Vol. 576). New York, NY: Commonwealth Fund, Quality of Care for Underserved Populations.
- Birdsall, N., Ross, D., & Sabot, R. (1995). Inequality and growth reconsidered: lessons from East Asia. *The World Bank Economic Review*, 9(3), 477-508.
- Blake, R. R., & Mouton, J. S. (1985). How to achieve integration on the human side of the merger. *Organizational dynamics*, 13(3), 41-56.
- Blank, R. K., De Las Alas, N., & Smith, C. (2007). Analysis of the quality of professional development programs for mathematics and science teachers: Findings from a cross-state study. *Washington, DC: Council of Chief State School Officers*, 25, 2017.
- Bock, R. D., & Kolakowski, D. (1973). Further evidence of sex-linked major-gene influence on human spatial visualizing ability. *American journal of human genetics*, 25(1), 1.

- Bondorf, N. (2013). *Profession und Kooperation: Eine Verhältnisbestimmung am Beispiel der Lehrerkooperation*. Zugl.: Mainz, Univ., Diss., 2011. Wiesbaden: Springer VS.
- Borko, H. (2004). Professional development and teacher learning: Mapping the terrain. *Educational researcher*, 33(8), 3-15.
- Borman, G. D., Rozek, C. S., Pyne, J., & Hanselman, P. (2019). Reappraising academic and social adversity improves middle school students' academic achievement, behavior, and well-being. *Proceedings of the National Academy of Sciences*, 116(33), 16286-16291.
- Botvin, G. J. (2000). Life skills training program.
- Bourdieu, P. (2001). *Masculine domination*. Stanford University Press.
- Bourguignon, F., & Morrison, C. (1990). Income Distribution, Development and Foreign Trade. *European Economic Review*, 34.
- Bradford, S., & Cullen, F. (2012). *Research and research methods for youth practitioners*. London: Routledge.
- Brandt, R. (2003). Is this school a learning organization. *Journal of staff development*, 24(1), 10-16.
- Bransford, J. D., & Schwartz, D. L. (1999). Chapter 3: Rethinking transfer: A simple proposal with multiple implications. *Review of research in education*, 24(1), 61-100.
- Brante, T. (1988). Sociological approaches to the professions. *Acta sociologica*, 31(2), 119-142.
- Brante, T. (2011). Professions as science-based occupations. *Professions and professionalism*, 1(1), 4-20.



- Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. *Qualitative Research in Psychology*, 3(2), 77–101.
- Bray, M., & Lykins, C. (2012). *Shadow education: Private supplementary tutoring and its implications for policy makers in Asia* (No. 9). Asian Development Bank.
- Bray, T. M., & Kwo, O. W. Y. (2014). *Regulating private tutoring for public good: Policy options for supplementary education in Asia*. UNESCO and Comparative Education Research Centre, HKU.
- Bredekamp, S. (2014). *Effective practices in early childhood education: Building a foundation*. Upper Saddle River, NJ: Pearson.
- Brewer, J., & Hunter, A. (1989). *Multimethod research: A synthesis of styles*. Sage Publications, Inc.
- Britton, J., & Propper, C. (2016). Teacher pay and school productivity: Exploiting wage regulation. *Journal of Public Economics*, 133, 75-89.
- Brophy, J. (1986). Teacher influences on student achievement. *American psychologist*, 41(10), 1069.
- Broverman, D. M., Klaiber, E. L., Kobayashi, Y., & Vogel, W. (1969). Reply to the "comment" by Singer and Montgomery on "Roles of activation and inhibition in sex differences in cognitive abilities."
- Brown, G. R., & Alexandersen, K. (2020). Gender equality and gender gaps in mathematics performance. *Trends in cognitive sciences*, 24(8), 591-593.

- Brunetti, G. J. (2001). Why do they teach? A study of job satisfaction among long-term high school teachers. *Teacher education quarterly*, 28(3), 49-74.
- Bryk, A., & Schneider, B. (2002). *Trust in schools: A core resource for improvement*. Russell Sage Foundation.
- Bucher, R., & Strauss, A. (1961). Professions in process. *American journal of sociology*, 66(4), 325-334.
- Burk, D. I., & Fry, P. G. (1997). Autonomy for democracy in a primary classroom: A first year teacher's struggle. *Teaching and Teacher Education*, 13(6), 645-658.
- Burrage, M. S., Ponitz, C. C., McCreedy, E. A., Shah, P., Sims, B. C., Jewkes, A. M., & Morrison, F. J. (2008). Age-and schooling-related effects on executive functions in young students: A natural experiment. *Child Neuropsychology*, 14(6), 510-524.
- Butler, S., & Shevlin, M. (2001). Creating an inclusive school: The influence of teacher attitudes. *Irish Educational Studies*, 20(1), 125-138.
- Byun, S. Y. (2014). Shadow education and academic success in Republic of Korea. In *Korean education in changing economic and demographic contexts* (pp. 39-58). Springer, Singapore.
- Byun, S. Y., Chung, H. J., & Baker, D. P. (2018). Global patterns of the use of shadow education: Student, family, and national influences. In *Research in the Sociology of Education*. Emerald Publishing Limited.
- Caldwell, S. D. (1997). *Professional Development in Learning-Centered Schools*.
- Campbell, E. (2003). *EBOOK: The Ethical Teacher*. McGraw-hill education (UK).
- Campbell, E. (2015). *The Ethics of Teaching as a Moral Profession*.

[Http://Dx.Doi.Org/10.1111/j.1467-873X.2008.00414.X](http://Dx.Doi.Org/10.1111/j.1467-873X.2008.00414.X), 38(4), 357–385.

<https://doi.org/10.1111/J.1467-873X.2008.00414.X>

Campbell, F. A., Ramey, C. T., Pungello, E., Sparling, J., & Miller-Johnson, S. (2002). Early childhood education: young adult outcomes from the Abecedarian Project. *Applied developmental science*, 6(1), 42-57.

Caravatti, M. L., Lederer, S. M., Lupico, A., & Van Meter, N. (2014). Getting teacher migration & mobility right. *Brussels: Education International*, 7.

Caravatti, M.-L., Lederer, S. M., Lupico, A., & Van Meter, N. (2014). *Getting teacher migration & mobility Right* (p. 168). Brussels: Education International.

Cardellini, L., & Pascual-Leone, J. (2004). On mentors, cognitive development, education, and constructivism: An interview with Juan Pascual-Leone. *Journal of Cognitive Education and Psychology*, 4(2), 199–219.

Carr, D. (2005). *Professionalism and ethics in teaching*. Routledge.

Carr-Saunders, A. M., & Wilson, P. A. (1933). *Professions (The)*. Clarendon Press, Oxford.

Casey, M. B. (1996). Gender, sex, and cognition: Considering the interrelationship between biological and environmental factors. *Learning and Individual Differences*, 8(1), 39-53.

Cattell, R. B. (1967). The theory of fluid and crystallized general intelligence checked at the 5–6-year-old level. *British Journal of Educational Psychology*, 37(2), 209-224.

- Ceci, S. J. (1991). How much does schooling influence general intelligence and its cognitive components? A reassessment of the evidence. *Developmental psychology*, 27(5), 703.
- Ceci, S. J., & Williams, W. M. (1997). Schooling, intelligence, and income. *American Psychologist*, 52(10), 1051.
- Choak, C. (2012). Asking questions: Interviews and evaluations. In S. Bradford, & F. Cullen, Research and research methods for youth practitioners (pp. 90–112). London: Routledge.
- Clotfelter, C. T., Ladd, H. F., & Vigdor, J. L. (2007). Teacher credentials and student achievement: Longitudinal analysis with student fixed effects. *Economics of education review*, 26(6), 673-682.
- Cochran-Smith, M. (2003). Learning and unlearning: The education of teacher educators. *Teaching and teacher education*, 19(1), 5-28.
- Cogan, M.L. (1953). Toward a definition of profession. *Harvard Educational Review*, 23, 33-50.
- Cohen, D. K., & Ball, D. L. (1999). Instruction, capacity, and improvement.
- Cohen, D. K., & Hill, H. C. (1998). Instructional policy and classroom performance: The mathematics reform in California.
- Cohen, L., Manion, L., & Morrison, K. (2002). *Research methods in education*. Routledge.
- Cohen, L., Manion, L., & Morrison, K. (2002). *Research methods in education*. Routledge.
- Coldwell, M. (2017). Exploring the influence of professional development on teacher careers: A path model approach. *Teaching and Teacher Education*, 61, 189-198.

- Conklin, H., & Zeichner, K. (2005). Teacher education programs. *Studying teacher education: The report of the AERA panel on research and teacher education*, 645-735.
- Connolly, P., Keenan, C., and Urbanska, K. (2018). The trials of evidence-based practice in education: a systematic review of randomised controlled trials in education research 1980–2016, *Educational Research*
- Conway, P., Murphy, R., Rath, A., & Hall, K. (2009). Learning to teach and its implications for the continuum of teacher education: A nine-country cross-national study.
- Cook, L., & Friend, M. (1991). Principles for the practice of collaboration in schools. *Preventing School Failure: Alternative Education for Students and Youth*, 35(4), 6-9.
- Coombs, J. R. (1998). Educational ethics: Are we on the right track? *Educational Theory*, 48(4), 555.
- Copple, C., Bredekamp, S., Koralek, D., & Charner, K. (Eds.). (2013). *Developmentally appropriate practice: Focus on preschoolers*. Washington, DC: National Association for the Education of Young Children.
- Corazza, G. E. (2016). Potential originality and effectiveness: The dynamic definition of creativity. *Creativity research journal*, 28(3), 258-267.
- Corcoran, T. B., Shields, P. M., & Zucker, A. A. (1998). The SSIs and professional development for teachers. Menlo Park, CA: SRI International.

- Cornwell, C., Mustard, D. B., & Van Parys, J. (2013). Noncognitive skills and the gender disparities in test scores and teacher assessments: Evidence from primary school. *Journal of Human resources*, 48(1), 236-264.
- Cowan, N., Elliott, E. M., Saults, J. S., Morey, C. C., Mattox, S., Hismjatullina, A., & Conway, A. R. (2005). On the capacity of attention: Its estimation and its role in working memory and cognitive aptitudes. *Cognitive psychology*, 51(1), 42-100.
- Coyle, T. R., Pillow, D. R., Snyder, A. C., & Kochunov, P. (2011). Processing speed mediates the development of general intelligence (g) in adolescence. *Psychological science*, 22(10), 1265-1269.
- CREATE (2010) 'Pre-primary Education in India', India Policy Brief 1, Brighton: Consortium for Research on Educational Access, Transitions and Equity.
- Creswell, J. W., Plano Clark, V. L., Gutmann, M. L., & Hanson, W. E. (2003). An expanded typology for classifying mixed methods research into designs. A. Tashakkori y C. Teddlie, *Handbook of mixed methods in social and behavioral research*, 209-240.
- Cropanzano, R., Rupp, D. E., & Byrne, Z. S. (2003). The relationship of emotional exhaustion to work attitudes, job performance, and organizational citizenship behaviors. *Journal of Applied psychology*, 88(1), 160.
- Cunha, F., & Heckman, J. J. (2008). Formulating, identifying and estimating the technology of cognitive and noncognitive skill formation. *Journal of human resources*, 43(4), 738-782.

- Currie, J., & Thomas, D. (1999). Early test scores, socioeconomic status and future outcomes.
- Daly, A. J., & Chrispeels, J. (2008). A question of trust: Predictive conditions for adaptive and technical leadership in educational contexts. *Leadership and Policy in Schools*, 7(1), 30-63.
- Daneman, M., & Carpenter, P. A. (1980). Individual differences in working memory and reading. *Journal of Memory and Language*, 19(4), 450.
- Daniel, W., & Sapo, S. (2020). Teachers' perception of professional ethics and its impact on their professionalism. *American Journal of Educational Research*, 8(6), 400–410.
- Daniels, M. C., & Adair, L. S. (2004). Growth in young Filipino students predicts schooling trajectories through high school. *The Journal of nutrition*, 134(6), 1439-1446.
- Darling-Hammond, L. (2000). How teacher education matters. *Journal of teacher education*, 51(3), 166-173.
- Darling-Hammond, L. (2013). When Teachers Support and Evaluate Their Peers. *Educational leadership*, 71(2), 24-29.
- Darling-Hammond, L. (2017). Teacher education around the world: What can we learn from international practice? *European journal of teacher education*, 40(3), 291-309.
- Darling-Hammond, L., & McLaughlin, M. W. (1995). Policies that support professional development in an era of reform. *Phi delta kappan*, 76(8), 597-604.
- Darling-Hammond, L., Hyster, M. E., & Gardner, M. (2017). Effective teacher professional development.

- Darling-Hammond, L., Hyler, M. E., & Gardner, M. (2017). Effective teacher professional development.
- Dar-Nimrod, I., & Heine, S. J. (2006). Exposure to scientific theories affects women's math performance. *Science*, *314*(5798), 435-435.
- Das, J., Dercon, S., Habyarimana, J., Krishnan, P., Muralidharan, K., & Sundararaman, V. (2013). School inputs, household substitution, and test scores. *American Economic Journal: Applied Economics*, *5*(2), 29-57.
- Datnow, A., & Park, V. (2018). *Professional collaboration with purpose: Teacher learning towards equitable and excellent schools*. Routledge.
- Daud, N. M., and N. L. A. Kassim. 2011. "Examining Student Rating of Teaching Effectiveness Using FACETS." *Journal of Applied Measurement* *12* (2): 135–143.
- Day, C. (2002). School reform and transitions in teacher professionalism and identity. *International journal of educational research*, *37*(8), 677-692.
- Day, C., Sammons, P., & Stobart, G. (2007). *Teachers matter: Connecting work, lives and effectiveness*. McGraw-Hill Education (UK).
- Dean, J. T., & Jayachandran, S. (2019). Attending kindergarten improves cognitive but not socioemotional development in India. *Cambridge: Poverty Action Lab*.
- Desimone, L. M., Smith, T. M., & Ueno, K. (2006). Are teachers who need sustained, content-focused professional development getting it? An administrator's dilemma. *Educational administration quarterly*, *42*(2), 179-215.



- Dewey, J. (1963). *Experience and education*. New York: Macmillan. (Original work published 1938).
- Dewey, J. (1986). Experience and education. *The educational forum*, 50 (3), 241-252.
- Dhinakaran, V., & Sivakumar, R. (2014). A study on morality and professional ethics of high school teachers. *Journal of Contemporary Educational Research and Innovations*, 4(6), 35-38.
- Dinella, L. M., Fulcher, M., & Weisgram, E. S. (2014). Sex-typed personality traits and gender identity as predictors of young adults' career interests. *Archives of sexual behavior*, 43(3), 493-504.
- DiPrete, T. A., Eirich, G. M., & Pittinsky, M. (2010). Compensation benchmarking, leapfrogs, and the surge in executive pay. *American Journal of Sociology*, 115(6), 1671-1712.
- Dobbie, W., & Fryer Jr, R. G. (2013). Getting beneath the veil of effective schools: Evidence from New York City. *American Economic Journal: Applied Economics*, 5(4), 28–60.
- Dolton, P. J. (1990). The economics of UK teacher supply: The graduate's decision. *The Economic Journal*, 100(400), 91-104.
- Dolton, P., & Marcenaro-Gutierrez, O. D. (2011). If you pay peanuts, do you get monkeys? A cross-country analysis of teacher pay and pupil performance. *Economic policy*, 26(65), 5-55.
- Dondero, G. M. (1997). Organizational climate and teacher autonomy: Implications for

educational reform. *International Journal of Educational Management*.

Donohoo, J. (2013). *Collaborative inquiry for educators: A facilitator's guide to school improvement*. Corwin Press.

Drudy, S. (2008). Gender balance/gender bias: The teaching profession and the impact of feminisation. *Gender and education*, 20(4), 309-323.

Duckworth, A. L., & Seligman, M. E. (2006). Self-discipline gives girls the edge: Gender in self-discipline, grades, and achievement test scores. *Journal of educational psychology*, 98(1), 198.

Durkheim, E. 1992. *Professional Ethics and Civic Morals*, London: Routledge. (with a foreword by B.S. Turner).

Dweck, C. S., & Licht, B. G. (1980). Learned helplessness and intellectual achievement. *Human helplessness: Theory and applications*, 197-221.

Dwyer, C. A., & Johnson, L. M. (1997). Grades, accomplishments, and correlates.

Easton-Brooks, D., & Davis, A. (2009). Teacher Qualification and the Achievement Gap in Early Primary Grades. *Education Policy Analysis Archives*, 17(15), 1–19.

Eccles [Parsons], J., Adler, T.F., Futterman, R., Goff, S.B., Kaczala, C.M., Meece, J.L., & Midgley, C. (1983). Expectations, values and academic behaviors. In J. T. Spence (Ed.), *Perspective on achievement and achievement motivation* (pp. 75-146). San Francisco, CA: W. H. Freeman.

- Edelman, B., & Larkin, I. (2009). *Demographics, career concerns or social comparison: who games SSRN download counts?* Boston, MA: Harvard Business School.
- Edmonds, S., Sharp, C., & Benefield, P. (2002). *Recruitment to and retention on initial teacher training: A systematic review*. Slough: National Foundation for Educational Research.
- Eisenberg, N., Morris, A. S., McDaniel, B., & Spinrad, T. L. (2009). Moral cognitions and prosocial responding in adolescence.
- Elder, L., & Paul, R. (2001). Critical thinking: Thinking to some purpose. *Journal of Developmental Education*, 25(1), 40.
- Engle, R. W., Kane, M. J., & Tuholski, S. W. (1999). Individual differences in working memory capacity and what they tell us about controlled attention, general fluid intelligence, and functions of the prefrontal cortex.
- Entrich, S. R. (2017). *Shadow education and social inequalities in Japan: Evolving patterns and conceptual implications*. Springer.
- Etzioni, A. (1969). *The semi-professions and their organization: Teachers, nurses, social workers*. Free Press.
- European Commission. (2000). Report on the quality of education 16 quality indicators.
- Evans, C., & Lewis, J. (2018). *Analysing semi-structured interviews using thematic analysis: Exploring voluntary civic participation among adults* (pp. p1-6). SAGE Publications Limited.
- Evans, L. (2008). Professionalism, professionalism and the development of education

- professionals. *British Journal of Educational Studies*, 56(1), 20–38.
- Evans, G. W. (2004). The environment of childhood poverty. *American Psychologist*, 59, 77–92.
- Evans, G. W., & Kim, P. (2013). Childhood poverty, chronic stress, self-regulation and coping. *Child Development Perspectives*, 7, 43–48.
- Evetts, J. (2014). The concept of professionalism: Professional work, professional practice and learning. In *International handbook of research in professional and practice-based learning* (pp. 29-56). Springer, Dordrecht.
- Farquhar, J., Michels, N., & Robson, J. (2020). Triangulation in industrial qualitative case study research: Widening the scope. *Industrial Marketing Management*, 87, 160-170.
- Faulkender, M., & Yang, J. (2010). Inside the black box: The role and composition of compensation peer groups. *Journal of Financial Economics*, 96(2), 257-270.
- Feinstein, L. (2003). Inequality in the early cognitive development of British students in the 1970 cohort. *Economica*, 70(277), 73-97.
- Fenstermacher, G. D., & Richardson, V. (2001). Manner in teaching: the study in four parts. *Journal of Curriculum Studies*, 33(6), 631–639.
- Ferguson, R. F. (1991). Paying for public education: New evidence on how and why money matters. *Harv. J. on Legis.*, 28, 465.
- Ferguson, R. F. (1991). Paying for public education: New evidence on how and why money matters. *Harv. J. on Legis.*, 28, 465.
- Festinger, L. (1954). A theory of social comparison processes. *Human relations*, 7(2), 117-140.

- Feuerstein, R., & Feuerstein, S. (1991). Mediated learning experience: A theoretical review. In R. Feuerstein, P. S. Klein, & A. Tannenbaum (Eds.), *Mediated learning experience (MLE)* (pp. 3–52). London, U.K.: Freund.
- Feuerstein, R., Feuerstein, R. S., Falik, L., & Rand, Y. (2006). *Creating and enhancing cognitive modifiability: The Feuerstein Instrumental Enrichment Program*. Jerusalem, Israel: ICELP Press.
- Field, A. (2009). *Discovering statistics using SPSS*. Sage publications.
- Field, J. (2000). *Lifelong learning and the new educational order*. Trentham Books, Ltd., Westview House, 734 London Road, Stoke on Trent, ST4 5NP, United Kingdom.
- Filmer, D., & Pritchett, L. H. (2001). Estimating wealth effects without expenditure data—or tears: an application to educational enrollments in states of India. *Demography*, 38(1), 115-132.
- Fink, A. (2015). *How to conduct surveys: A step-by-step guide*. Sage Publications.
- Flexner, A. (1910). *Medical Education in the United States and Canada*. Washington, DC: Science and Health Publications.
- Flexner, A. (1910). *Medical Education in the United States and Canada: A Report to the Carnegie Foundation for the Advancement of Teaching*. Bulletin No. 4. Boston: Updike, The Merrymount Press.
- Flick, U. W. E. (2009). *An introduction to qualitative research*. London: SAGE Publishing.
- Friend, M., & Cook, L. (1992). *Interactions: Collaboration skills for school professionals*. Longman Publishing Group, 95 Church Street, White Plains, NY 10601.

- Fry, A. F., & Hale, S. (1996). Processing speed, working memory, and fluid intelligence: Evidence for a developmental cascade. *Psychological science*, 7(4), 237-241.
- Fry, P. M. (2018). Theories of Professions and the Status of Teaching. *The Wiley Handbook of Educational Supervision*, 75.
- Fryer, R. G. (2013). Teacher incentives and student achievement: Evidence from New York City public schools. *Journal of Labor Economics*, 31(2), 373-407.
- Fryer, R. G. (2013). Teacher incentives and student achievement: Evidence from New York City public schools. *Journal of Labor Economics*, 31(2), 373-407.
- Fryer, R. G., Levitt, S. D., List, J., & Sadoff, S. (2012). *Enhancing the efficacy of teacher incentives through loss aversion: A field experiment*. National Bureau of Economic Research.
- Fullan, M., & Hargreaves, A. (2016). Bringing the profession back in. In *Learning Forward*, Oxford, OH.
- Garber, J., Keiley, M. K., & Martin, N. C. (2002). Developmental trajectories of adolescents' depressive symptoms: Predictors of change. *Journal of consulting and clinical psychology*, 70(1), 79.
- Gardner, H. (2004). How education changes: Considerations of history, science, and values. In M. M. SuárezOrozco & D. Qin-Hilliard (Eds.), *Globalization: Culture and education in the new millennium* (pp. 235–258). Berkeley, CA, and East Hampton, NY: University of California Press and Ross Institute.
- Gardner, H., & Shulman, L. S. (2005). The professions in America today: Crucial but fragile. *Daedalus*, 134(3), 13–18.

- Garet, M. S., Porter, A. C., Desimone, L., Birman, B. F., & Yoon, K. S. (2001). What makes professional development effective? Results from a national sample of teachers. *American educational research journal*, 38(4), 915-945.
- Gathercole, S. E., Pickering, S. J., Ambridge, B., & Wearing, H. (2004). The structure of working memory from 4 to 15 years of age. *Developmental psychology*, 40(2), 177.
- Geary, D. C. (1996). Sexual selection and sex differences in mathematical abilities. *Behavioral and brain sciences*, 19(2), 229-247.
- Geijsel, F. P., Slegers, P. J., Stoel, R. D., & Krüger, M. L. (2009). The effect of teacher psychological and school organizational and leadership factors on teachers' professional learning in Dutch schools. *The elementary school journal*, 109(4), 406-427.
- Geijsel, F. P., Slegers, P. J., Stoel, R. D., & Krüger, M. L. (2009). The effect of teacher psychological and school organizational and leadership factors on teachers' professional learning in Dutch schools. *The elementary school journal*, 109(4), 406-427.
- George, G., & Rhodes, B. (2020). The Economics of Teaching in India Versus Teaching Aboard: Teacher Salary Differentials Using Purchasing Power Parity (PPP). *Journal of International Migration and Integration*, 21(2), 551-561.
- Gerth, H. H., & Mills, C. W. (1991). eds. *From Max Weber: Essays in Sociology, with a New Preface by Bryan S. Turner*. London: Routledge.
- Ghanbarpour, O., Abbāsīān, H., Ārāste, H., & Nave Ebrāhim, A. (2019). Designing the pattern of teachers' professional ethics: A mixed methods study. *Educational*

*Innovations*, 18(1), 33–60.

Giddens, A. (1991). *Modernity and Self-Identity*, London: Polity.

Gino, F., & Pierce, L. (2010). Lying to level the playing field: Why people may dishonestly help or hurt others to create equity. *Journal of Business Ethics*, 95(1), 89-103.

Ginsburg, H. P. (1997). Mathematics learning disabilities: A view from developmental psychology. *Journal of learning disabilities*, 30(1), 20-33.

Girvan, C., Conneely, C., & Tangney, B. (2016). Extending experiential learning in teacher professional development. *Teaching and Teacher Education*, 58, 129-139.

Goddard, R. D., Hoy, W. K., & Hoy, A. W. (2000). Collective teacher efficacy: Its meaning, measure, and impact on student achievement. *American educational research journal*, 37(2), 479-507.

Goddard, R. D., Hoy, W. K., & Hoy, A. W. (2000). Collective teacher efficacy: Its meaning, measure, and impact on student achievement. *American educational research journal*, 37(2), 479-507.

Goldhaber, D. (2002). The mystery of good teaching. *Education Next*, 2(1), 50–55.

Goldhaber, D. (2019). Evidence-based teacher preparation: Policy context and what we know. *Journal of Teacher Education*, 70(2), 90–101.

Goode, W. J. (1957). Community within a community: The professions. *American sociological review*, 22(2), 194-200.

Goodlad, J. (1984). *A place called school*. New York: McGraw-HiU.



- Goodwin, L. D., & Stevens, E. A. (1993). The influence of gender on university faculty members' perceptions of “good” teaching. *The Journal of Higher Education, 64*(2), 166-185.
- Gordon, R. J., Kane, T. J., & Staiger, D. (2006). *Identifying effective teachers using performance on the job* (pp. 2006-01). Washington, DC: Brookings Institution.
- Gorman, K. S., & Pollitt, E. (1996). Does schooling buffer the effects of early risk? *Child development, 67*(2), 314-326.
- Grantham-McGregor, S., Cheung, Y. B., Cueto, S., Glewwe, P., Richter, L., Strupp, B., & International Child Development Steering Group. (2007). Developmental potential in the first 5 years for students in developing countries. *The lancet, 369*(9555), 60-70.
- Gravetter, F. J., & Wallnau, L. B. (2014). Introduction to the t statistic. *Essentials of statistics for the behavioral sciences, 8*, 252.
- Gray, B. (1989). *Collaborating: Finding Common Ground for Multiparty Problems*. San Francisco: Jossey-Bass.
- Greenberg, J. (1988). Equity and workplace status: A field experiment. *Journal of applied Psychology, 73*(4), 606.
- Greene, J. C., Caracelli, V. J., & Graham, W. F. (1989). Toward a conceptual framework for mixed-method evaluation designs. *Educational evaluation and policy analysis, 11*(3), 255-274.
- Greenwood, E. (1957). Attributes of a profession. *Social work, 45*-55.

Guerriero, S. and Deligiannidi, K. (2017), "The teaching profession and its knowledge base", in Guerriero, S. (ed.), *Pedagogical Knowledge and the Changing Nature of the Teaching Profession*, OECD Publishing, Paris, <https://doi.org/10.1787/9789264270695-3-en>.

Guerriero, S. and K. Deligiannidi (2017), "The teaching profession and its knowledge base", in Guerriero, S. (ed.), *Pedagogical Knowledge and the Changing Nature of the Teaching Profession*, OECD Publishing, Paris.

Guimond, S., & Roussel, L. (2001). Bragging about one's school grades: Gender stereotyping and students' perception of their abilities in science, mathematics, and language. *Social psychology of education*, 4(3), 275-293.

Hall, J., Sylva, K., Melhuish, E., Sammons, P., Siraj-Blatchford, I., & Taggart, B. (2009). The role of pre-school quality in promoting resilience in the cognitive development of young children. *Oxford Review of Education*, 35(3), 331-352.

Halpern, D. F. (2000) *Sex Differences in Cognitive Abilities* (3rd Ed.). Mahwah, NJ: Lawrence Erlbaum Associates.

Halpern, N. (2007). The impact of attendance and student characteristics on academic achievement: findings from an undergraduate business management module. *Journal of Further and Higher Education*, 31(4), 335-349.

Hamid, M. O., Sussex, R., & Khan, A. (2009). Private tutoring in English for secondary school students in Bangladesh. *Tesol Quarterly*, 43(2), 281-308.

Handelsman, M., Gottlieb, M., & Knapp, S. (2005). Training ethical psychologists: An acculturation model. *Professional Psychology: Research and Practice*, 36(1), 54–65.

- Hansen, D. T. (2001). *Exploring the moral heart of teaching: Toward a teacher's creed*.
- Hanushek, E. (1971). Teacher characteristics and gains in student achievement: Estimation using micro data. *The American Economic Review*, 61(2), 280-288.
- Hanushek, E. A. (1986). The economics of schooling: Production and efficiency in public schools. *Journal of economic literature*, 24(3), 1141-1177.
- Hanushek, E. A. (1992). The trade-off between child quantity and quality. *Journal of political economy*, 100(1), 84-117.
- Hanushek, E. A. (2002). The importance of school quality. (pp. 141–173). Stanford, CA: Hoover Institution Press. Retrieved From: <http://hanushek.stanford.edu/publications/importance-school-quality>.
- Hanushek, E. A., & Rivkin, S. G. (2012). The distribution of teacher quality and implications for policy. *Annu. Rev. Econ.*, 4(1), 131-157.
- Hanushek, E. A., & Woessmann, L. (2008). The role of cognitive skills in economic development. *Journal of economic literature*, 46(3), 607-68.
- Hanushek, E. A., Kain, J. F., & Rivkin, S. G. (1998). Does special education raise academic achievement for students with disabilities? *NBER Working Paper*, (w6690).
- Hanushek, E.A. (2016). School human capital and teacher salary policies. *Journal of Professional Capital and Community*, 1(1), 23-40.
- Hargreaves, A., & O'Connor, M. T. (2017). *Collaborative professionalism. Monograph prepared for the World Innovation Summit for Education*. Qatar: Qatar Foundation.

www.wise-qatar.org/2017-wise-research....

- Hargreaves, A. (1997). The four ages of professionalism and professional learning [Paper presented to the Australian College of Education Conference on the Status of Teaching.]. *Unicorn (Carlton, Vic)*, 23(2), 86-114.
- Hargreaves, A., & Goodson, I. (2002). Teachers' professional lives: Aspirations and actualities. In *Teachers' professional lives* (pp. 9-35). Routledge.
- Hargreaves, A., & Goodson, I. (Eds.). (1996). *Teachers' professional lives*. Falmer Press.
- Hargreaves, Andy, & Fullan, M. (2015). *Professional capital: Transforming teaching in every school*. Teachers College Press.
- Hargreaves, Andy, & O'Connor, M. T. (2018). *Collaborative professionalism: When teaching together means learning for all*. Corwin Press.
- Hargreaves, Andy. (2019). Teacher collaboration: 30 years of research on its nature, forms, limitations and effects. *Teachers and Teaching*, 25(5), 603–621. <https://doi.org/10.1080/13540602.2019.1639499>
- Hargreaves, D. H. (1994). *The mosaic of learning: Schools and teachers for the next century* (No. 8). Demos.
- Hargreaves, L., & Flutter, J. (2013). The Status of Teachers and the Teaching Profession: A desk-study for Education International. Unpublished manuscript, Department of Education.
- Hargreaves, L., Cunningham, M., Everton, T., Hansen, A., Hopper, B., McIntyre, D., Maddock, M., Mukherjee, J., Pell, T., Rouse, M., Turner, P., & Wilson, L. (2006). The Status of teachers and the teaching profession : Views from inside and outside the profession- Interim findings from the teacher status project. In *Department for*

- Education and Skills, G.B.*
- Harris, D. N., & Sass, T. R. (2007). Teacher Training, Teacher Quality, and Student Achievement. Working Paper 3. *National Center for Analysis of Longitudinal Data in Education Research*.
- Harris-Van Keuren, C., Silova, I., & McAllister, S. (2015). Implementing EFA Strategy No. 9: The evolution of the status of the teaching profession (2000-2015) and the impact on the quality of education in developing countries: three case studies. *EFA/MRT/2015/PI/08, Background Paper, Education for All Global Monitoring Report, United Nations Educational, Scientific, and Cultural Organization, Paris*.
- Haynes, F. (2002). *The ethical school: consequences, consistency and caring*. Routledge.
- Haywood, H. C. (2020). Cognitive early education. In *Oxford Research Encyclopedia of Education*.
- Heale, R., & Forbes, D. (2013). Understanding triangulation in research. *Evidence-based nursing, 16*(4), 98-98.
- Heckman, J. J., Stixrud, J., & Urzua, S. (2006). The effects of cognitive and noncognitive abilities on labor market outcomes and social behavior. *Journal of Labor economics, 24*(3), 411-482.
- Heineck, G., & Anger, S. (2010). The returns to cognitive abilities and personality traits in Germany. *Labour economics, 17*(3), 535-546.
- Helsby, G. (1999), "Changing Teachers' Work: The "Reform" of Secondary Schooling", *International Journal of Educational Management*, Vol. 13 No. 6, pp. 301-302.

- Hendricks, M. D. (2014). Does it pay to pay teachers more? Evidence from Texas. *Journal of Public Economics*, 109, 50-63.
- Herzberg, F. (2003). One more time: How do you motivate employees? *Harvard Business Review*, 81(1), 86.
- Hewitt, J., Thomas, P., & Wilson, J. (2007). Professionalism in British management: bogus claim or reality. In *7th European Critical Accounting Studies Conference, Glasgow*.
- Hockey, J. and James, A. (2003). *Social Identities Across the Life Course*, Hampshire: Palgrave Macmillan.
- Højlund Roesgaard, M. (2006). *Japanese education and the cram school business: Functions, challenges and perspectives of the juku*. NIAS press.
- Holland, J. L. (1997). *Making vocational choices: A theory of vocational personalities and work environments*. Psychological Assessment Resources.
- Hoover, S., & Achilles, C. M. (1996). *Let's Make a Deal: Collaborating on a Full-Service School with Your Community. Roadmaps to Success: The Practicing Administrator's Leadership Series*. Corwin Press, Inc.
- Houston, W. R. (2008). Third Response to "The Teacher as a Service Professional," by Donald A. Myers: Defining Professionalism Does Not Make it So. *Action in Teacher Education*, 30(1), 21-25.
- Howsam, R. B. (1980). The Workplace: Does It Hamper Professionalization of Pedagogy? *Phi Delta Kappan*, 62(2), 93-96.

- Hoyle, E. (1974) 'Professionalism, Professionalism and Control in Teaching', *London Educational Review*, 3 (2), 13-19.
- Hoyle, E. (2001) 'Teaching: Prestige, Status and Esteem', *Educational Management and Administration*, 29 (2), 139-152.
- Hoyle, S. (2014). Smooth baton changes crucial in journey to professionalism. *Professional Planner*, (70)4.
- Huang, H. M. (2004). Effects of Cram Schools on Students's Mathematics Learning. *How Chinese learn mathematics: Perspectives from insiders*, 282-306.
- Hughes, E. C. (1963). Professions. *Daedalus*, Fall:655-668.
- Hui, L. (2011). Antonio Gramsci's Theory on Cultural Hegemony. *Journal of Shandong Normal University (Humanities and Social Sciences)*.
- Hyde, J. S., Fennema, E., & Lamon, S. J. (1990). Gender differences in mathematics performance: a meta-analysis. *Psychological bulletin*, 107(2), 139.
- Hyde, J. S., Fennema, E., & Lamon, S. J. (1990). Gender differences in mathematics performance: a meta-analysis. *Psychological bulletin*, 107(2), 139.
- Ifanti, A. A., & Fotopoulou, V. S. (2011). Teachers' Perceptions of Professionalism and Professional Development: A Case Study in Greece. *World Journal of Education*, 1(1), 40-51.
- Igberadja, S. (2016). Effects of teachers' gender and qualification on students' performance in vocational technical education. *Journal of Technical Education and Training*, 8(1), 34-42.

- ILO. (1966) Recommendation concerning the status of teachers. UNESCO, Paris.
- Ingersoll, R. (2003). Is there really a teacher shortage? Philadelphia, PA: Consortium for Policy Research in Education, University of Pennsylvania. Retrieved from <http://www.gse.upenn.edu/pdf/rmi/Shortage-RMI-09-2003.pdf>
- Ingersoll, R. M. (1997). *Teacher professionalization and teacher commitment: a multilevel analysis*, SASS. Department of Education Office of Educational.
- Ingersoll, R. M. (2003). The teacher shortage: Myth or reality? *Educational Horizons*, 81(3), 146-152.
- Ingersoll, R., & Merrill, L. (2010). Who's Teaching Our Students? *Educational leadership*, 67(8), 14-20.
- Ingersoll, R., Merrill, L., & May, H. (2011). What are the effects of teacher education and preparation on beginning math and science teacher attrition? In *Annual Meeting of the American Educational Research Association, New Orleans*.
- Ingersoll, R.M. and Merrill, E. (2011). The Status of Teaching as a Profession. In J. Ballantine and J. Spade (Eds.), *Schools and Society: A Sociological Approach to Education*. (p. 185-189) 4th Ed. CA: Pine Forge Press/Sage Publications.
- Ingvarson, L., Meiers, M., & Beavis, A. (2005). Factors affecting the impact of professional development programs on teachers' knowledge, practice, student outcomes & efficacy. *Professional development for teachers and school leaders*, 1.
- Jacob, B. A. (2002). Where the boys aren't: non-cognitive skills, returns to school and the gender gap in higher education. *Economics of Education review*, 21(6), 589-598.



- Jacob, B. A., & Lefgren, L. (2008). Can principals identify effective teachers? Evidence on subjective performance evaluation in education. *Journal of labor Economics*, 26(1), 101-136.
- Jacob, B. A., & Lefgren, L. (2008). Can principals identify effective teachers? Evidence on subjective performance evaluation in education. *Journal of labour Economics*, 26(1), 101-136.
- Jebaraj, P. (2019, jun). Draft National Education Policy proposes formal education from age of three.
- Jick, T. D. (1979). Mixing qualitative and quantitative methods: Triangulation in action. *Administrative science quarterly*, 24(4), 602-611.
- Jordan, H. R., Mendro, R. L., & Weerasinghe, D. (1997). Teacher effects on longitudinal student achievement: A preliminary report on research on teacher effectiveness. *National Evaluation Institute, Indianapolis, IN*.
- Joye, S. W., & Wilson, J. H. (2015). Professor Age and Gender Affect Student Perceptions and Grades. *Journal of the Scholarship of Teaching and Learning*, 15(4), 126-138.
- Jungwirth, H. (1991). Interaction and gender—findings of a microethnographical approach to classroom discourse. *Educational Studies in Mathematics*, 22(3), 263-284.
- Kaga, Y., Bennett, J., & Moss, P. (2010). *Caring and learning together: A cross-national study on the integration of early childhood care and education within education*. UNESCO.

- Kail, R. (1994). A method for studying the generalized slowing hypothesis in students with specific language impairment. *Journal of Speech, Language, and Hearing Research, 37*(2), 418-421.
- Kamila, I. N. (2017). Perbedaan Kinerja Mengajar Guru Pendidikan Anak Usia Dini Ditinjau dari Latar Belakang Pendidikan. *3*(1).
- Kansanen, P. (2014). Teaching as a master's level profession in Finland: Theoretical reflections and practical solutions. In *Workplace learning in teacher education* (pp. 279-292). Springer, Dordrecht.
- Karagiorgi, Y., & Symeou, L. (2006). Teacher professional development in Cyprus: Reflections on current trends and challenges in policy and practices. *Journal of in-service education, 32*(1), 47-61.
- Katsarou, E., & Dedoula, M. (2008). *In-service training and evaluation in the space of education*. Athens: Pedagogical Institute.
- Kaya, V. H., & Gödek, Y. (2016). Perspectives in regard to factors affecting the professional development of science teachers. *Journal of Human Sciences, 13*(2), 2625. <https://doi.org/10.14687/jhs.v13i2.3769>
- Keating, D. P., Lerner, R. M., & Steinberg, L. (2004). Cognitive and brain development. *Handbook of adolescent psychology, 2*, 45-84.
- Kelleher, F., Severin, F. O., Samson, M., De, A., Afamasaga-Wright, T., & Sedere, U. M. (2011). *Women and the teaching profession: Exploring the feminisation debate*. Unesco.

- Kenney-Benson, G. A., Pomerantz, E. M., Ryan, A. M., & Patrick, H. (2006). Sex differences in math performance: The role of students's approach to schoolwork. *Developmental psychology, 42*(1), 11.
- Kiely, K. M., Butterworth, P., Watson, N., & Wooden, M. (2014). The Symbol Digit Modalities Test: Normative data from a large nationally representative sample of Australians. *Archives of Clinical Neuropsychology, 29*(8), 767-775.
- Kim, J. H., & Chang, J. (2010). Do governmental regulations for cram schools decrease the number of hours students spend on private tutoring? *KEDI Journal of Educational Policy, 7*(1).
- Kim, J. Y. (2020). A longitudinal study of the relation between creative potential and academic achievement at an engineering university in Korea. *Journal of Engineering Education, 109*(4), 704-722.
- Kimball, M. M. (1989). A new perspective on women's math achievement. *Psychological Bulletin, 105*(2), 198.
- Kini, T., Podolsky, A. (2016). Does Teaching Experience Increase Teacher Effectiveness? A Review of the Research. Learning Policy Institute.
- Knight, S. L., & Wiseman, D. L. (2005). Professional development for teachers of diverse students: A summary of the research. *Journal of education for students placed at risk, 10*(4), 387-405.

- Kochenderfer-Ladd, B., & Pelletier, M. E. (2008). Teachers' views and beliefs about bullying: Influences on classroom management strategies and students' coping with peer victimization. *Journal of school psychology, 46*(4), 431-453.
- Kohn, M. L., & Schooler, C. (1983). *Work and personality: An inquiry into the impact of social stratification*. Ablex Pub.
- Kohn, M. L., & Schooler, C. (1983). *Work and personality: An inquiry into the impact of social stratification*. Greenwood.
- Kosnik, C., Rowsell, J., Williamson, P., & Simon, R. (Eds.). (2013). *Literacy teacher educators: Preparing teachers for a changing world*. Springer Science & Business Media.
- Kraft, M., Papay, J. (2014) Can Professional Environments in Schools Promote Teacher Development? Explaining Heterogeneity in Returns to Teaching Experience Educational Evaluation and Policy Analysis 36(4) 476-50.
- Kremer, M., Chaudhury, N., Rogers, F. H., Muralidharan, K., & Hammer, J. (2005). Teacher absence in India: A snapshot. *Journal of the European Economic Association, 3*(2-3), 658-667.
- Kuan, P. Y. (2011). Effects of cram schooling on mathematics performance: Evidence from junior high students in Taiwan. *Comparative education review, 55*(3), 342-368.
- Labaree, D. (1992). Power, knowledge, and the rationalization of teaching: A genealogy of the movement to professionalize teaching. *Harvard educational review, 62*(2), 123-155.

- Lamb, S., & Fullarton, S. (2001). Classroom and school factors affecting mathematics achievement: A comparative study of the US and Australia using TIMSS.
- Larkin, I., Pierce, L., & Gino, F. (2012). The psychological costs of pay-for-performance: Implications for the strategic compensation of employees. *Strategic Management Journal*, 33(10), 1194-1214.
- Larkin, I., Pierce, L., & Gino, F. (2012). The psychological costs of pay-for-performance: Implications for the strategic compensation of employees. *Strategic Management Journal*, 33(10), 1194-1214.
- Larsen–Freeman, D. (2013). Transfer of learning transformed. *Language Learning*, 63(1), 107– 129.
- Lawler, S. (2005). Disgusted subjects: The making of middle-class identities. *The Sociological Review*, 53(3), 429–446.
- Leigh, A. (2012). Teacher pay and teacher aptitude. *Economics of education review*, 31(3), 41-53.
- Lempiala, T. (2010). Barriers and obstructive practices for out-of-the-box creativity in groups. *International Journal of Product Development*, 11(3-4), 220-240.
- Levy, J. (1976) Cerebral lateralization and spatial ability. *Behavior Genetics*, 6, 171–188.
- Lewin, K. and F. Calloids. (2001). *Financing Secondary Education in Developing Countries: Strategies for Sustainable Growth*. Paris: UNESCO Publishing.

- Lewin, K. M., & Sabates, R. (2012). Who gets what? Is improved access to basic education pro-poor in Sub-Saharan Africa? *International Journal of Educational Development*, 32(4), 517-528.
- Li, M., Zhang, Y., & Wang, Y. (2017). Gender gap in mathematics and physics in Chinese middle schools: A case study of a Beijing's district. *The Urban Review*, 49(4), 568-584.
- Lieberman, M. (1956). *Teaching as a Profession*. Englewood Cliffs, NJ: Prentice Hall.
- Lin, K. L., & Raval, V. V. (2020). Understanding body image and appearance management behaviors among adult women in South Korea within a sociocultural context: A review. *International Perspectives in Psychology*, 9(2), 96-122.
- Lindberg, S. M., Hyde, J. S., Petersen, J. L., & Linn, M. C. (2010). New trends in gender and mathematics performance: a meta-analysis. *Psychological bulletin*, 136(6), 1123.
- Lippa, R. (1998). Gender-related individual differences and the structure of vocational interests: The importance of the people–things dimension. *Journal of personality and social psychology*, 74(4), 996.
- Little, J. (1990). The persistence of privacy: Autonomy and initiative in teachers. *Teachers' college record*, 91(4), 509-536.
- Liu, J. (2012). Does cram schooling matter? Who goes to cram schools? Evidence from Taiwan. *International Journal of Educational Development*, 32(1), 46-52.

- Locke, T. (2001). Curriculum, assessment and the erosion of professionalism. *New Zealand Journal of Educational Studies*, 36(1), 5-23.
- Loeb, S., & Page, M. E. (2000). Examining the link between teacher wages and student outcomes: The importance of alternative labor market opportunities and non-pecuniary variation. *Review of Economics and Statistics*, 82(3), 393-408.
- Loeb, S., Bridges, M., Bassok, D., Fuller, B., & Rumberger, R. W. (2007). How much is too much? The influence of preschool centers on students's social and cognitive development. *Economics of Education review*, 26(1), 52-66.
- Loughran, J., & Berry, A. (2005). Modelling by teacher educators. *Teaching and teacher education*, 21(2), 193-203.
- Lovat, T. J. (1998). Ethics and ethics education: Professional and curricular best practice. *Curriculum Perspectives*, 18, 1-8.
- Lunenberg, M., Murray, J., Smith, K., & Vanderlinde, R. (2017). Collaborative teacher educator professional development in Europe: different voices, one goal. *Professional Development in Education*, 43(4), 556-572.
- Macmillan, C. J. B. (1993). Ethics and teacher professionalization. 1993), *Ethics for Professionals in Education. Perspectives for Preparation and Practice*, 189-201.
- Maehr, M., & Midgley, C. (1996). Transforming school cultures. Boulder, CO: Westview Press.
- Mahmoedi, A., & Moshayedi, G. (2012). Life Skill Education for Secondary Education. *Life science journal*, 9(3), 1393-1396.

- Mallah, F. (2019). A Theoretical Framework for Teacher Incentives: Monetary, Social and Vision-Based. *Journal of Education and Learning*, 8(1), 29-42.
- Martinot, D., & Désert, M. (2007). Awareness of a gender stereotype, personal beliefs and self-perceptions regarding math ability: When boys do not surpass girls. *Social psychology of education*, 10(4), 455-471.
- Martinot, D., Bagès, C., & Désert, M. (2012). French students's awareness of gender stereotypes about mathematics and reading: When girls improve their reputation in math. *Sex roles*, 66(3-4), 210-219.
- Maxwell, B. (2015). 'Teacher as Professionals' Metaphor: What it Highlights and What it Hides. *Journal of Philosophy of Education*, 49(1), 86-106.
- Maxwell, B., & Schwimmer, M. (2016). Professional ethics education for future teachers: A narrative review of the scholarly writings. *Journal of Moral Education*, 45(3), 354–371.
- Maxwell, J. A. (2012). *Qualitative Research Design: An Interactive Approach (Applied Social Research Methods)*. 3rd. ed. Thousand Oaks: SAGE Publications.
- McClelland, D. C., & Mac Clelland, D. C. (1961). *Achieving society* (Vol. 92051). Simon and Schuster.
- McClelland, D. C., & Mac Clelland, D. C. (1961). *Achieving society* (Vol. 92051). Simon and Schuster.
- McCombs, B. L., & Whisler, J. S. (1997). *The Learner-Centered Classroom and School: Strategies for Increasing Student Motivation and Achievement. The Jossey-Bass Education Series*. Jossey-Bass Inc., Publishers, 350 Sansome St., San Francisco, CA 94104.



- McGraw, R., Lubienski, S. T., & Strutchens, M. E. (2006). A closer look at gender in NAEP mathematics achievement and affect data: Intersections with achievement, race/ethnicity, and socioeconomic status. *Journal for Research in Mathematics Education*, 37(2), 129-150.
- McKinsey & Company (2007). How the World's Best-Performing School Systems come out on Top. McKinsey, London.
- McLaughlin, M. W., & Talbert, J. E. (2010). Professional learning communities: Building blocks for school culture and student learning. *Voices in Urban Education*, 27(1), 35-45.
- Menkhoff, L., Schmeling, M., & Schmidt, U. (2013). Overconfidence, experience, and professionalism: An experimental study. *Journal of Economic Behavior & Organization*, 86, 92-101.
- Menter, I., Muschamp, Y., Nicholls, P., Ozga, J., & Pollard, A. J. (1997). Work and identity in the primary school.
- Merchant, K., Revay, S., Stantchev, G., & Nousain, B. (2018). Deep learning for RF device fingerprinting in cognitive communication networks. *IEEE Journal of Selected Topics in Signal Processing*, 12(1), 160-167.
- Milharčič-Hladnik, M. (1995). *Education and teachers in Slovenia*. Scientific and journalistic centre.
- Miller, G. A. (2003). The cognitive revolution: a historical perspective. *Trends in cognitive sciences*, 7(3), 141-144.

- Millerson, G. (1964). *The qualifying associations: A study in professionalization* (Vol. 12). Taylor & Francis US.
- Mills, C. W. (1951). *White collar*. New York: Oxford University Press.
- Mills, J., Cheng, A., Hitt, C., Wolf, P., & Greene, J. (2016). Measures of student non-cognitive skills and political tolerance after two years of the Louisiana Scholarship Program.
- Mishra, P., & Singh, B. (2017). Clash of competitions: A study on coaching classes of Kota. *European Academic Research*, 5(6), 2888-2909.
- Moorhouse, B. L. (2018). Standardized Homework Practices and Teacher Autonomy: Experiences of Primary English Language Teachers in Hong Kong. *The Asia-Pacific Education Researcher* 2018 27:5, 27(5), 345–354. <https://doi.org/10.1007/S40299-018-0391-4>
- Moreau, M. P. (2019). *Teachers, gender and the feminisation debate*. Routledge.
- Mori, I., & Baker, D. P. (2010). The origin of universal shadow education: What the supplemental education phenomenon tells us about the postmodern institution of education. *Asia Pacific Education Review*, 11(1), 36\_48.
- Morse, J. M. (1991). Approaches to qualitative-quantitative methodological triangulation. *Nursing research*, 40(2), 120-123.
- Mugenda, O. M. & Mugenda, A. G. (2003). *Research Methods: Quantitative and Qualitative Approaches*. Nairobi: ACTS Press.

- Mukeredzi, T. G. (2013). Professional Development Through Teacher Roles: Conceptions of Professionally Unqualified Teachers in Rural South Africa and Zimbabwe. *Journal of Research in Rural Education, 28*(11).
- Mulder, M., Gulikers, J., Biemans, H., & Wesselink, R. (2009). The new competence concept in higher education: error or enrichment? *Journal of European Industrial Training.*
- Mullis, I. V., Martin, M. O., Fierros, E. G., Goldberg, A. L., & Stemler, S. E. (2000). Gender differences in achievement. *International Study Center, Lynch School of Education, Boston College.*
- Mullis, I. V., Martin, M. O., Ruddock, G. J., O'Sullivan, C. Y., Arora, A., & Erberber, E. (2005). *TIMSS 2007 Assessment Frameworks*. International Association for the Evaluation of Educational Achievement. Herengracht 487, Amsterdam, 1017 BT, The Netherlands.
- Mundry, S. (2005). Changing perspectives in professional development. *Science educator, 14*(1), 9-15.
- Muralidharan, K., & Prakash, N. (2017). Cycling to school: Increasing secondary school enrollment for girls in India. *American Economic Journal: Applied Economics, 9*(3), 321-50.
- Muralidharan, K., & Sundararaman, V. (2011a). Teacher opinions on performance pay: Evidence from India. *Economics of Education Review, 30*(3), 394-403.

- Muralidharan, K., & Sundararaman, V. (2011b). Teacher performance pay: Experimental evidence from India. *Journal of political Economy*, 119(1), 39-77.
- Murnane, R. J., & Olsen, R. J. (1990). The effects of salaries and opportunity costs on length of stay in teaching: Evidence from North Carolina. *Journal of human resources*, 106-124.
- Murphy, J., & Hallinger, P. (1993). *Restructuring schooling: Learning from ongoing efforts*. Corwin Press.
- Murray, H. G., & Renaud, R. D. (1995). Disciplinary differences in classroom teaching behaviors. *New directions for teaching and learning*, 1995(64), 31-39.
- Murray, J., Campbell, A., Hextall, I., Hulme, M., Jones, M., Mahony, P., & Wall, K. (2009). Research and teacher education in the UK: Building capacity. *Teaching and Teacher Education*, 25(7), 944-950.
- Naranpanawa, A., Selvanathan, S., & Bandara, J. (2013). Empirical income distributions: the case of Sri Lanka. *International Journal of Social Economics*.
- NASSCOM and McKinsey. (2005). NASSCOM and McKinsey Report 2005: Extending India's Leadership of the Global IT and BPO Industries. India: NASSCOM and McKinsey, New Delhi.
- Nath, S. R. (2008). Private supplementary tutoring among primary students in Bangladesh. *Educational Studies*, 34(1), 55-72.

- National Research Council. (2000). *How people learn: Brain, mind, experience, and school: Expanded edition*. National Academies Press.
- Niederle, M., & Vesterlund, L. (2007). Do women shy away from competition? Do men compete too much? *The quarterly journal of economics*, 122(3), 1067-1101.
- Niemi, H., & Jakku-Sihvonen, R. (2006). In the front of the Bologna process Thirty years of research-based teacher education in Finland. *Education Science*, 66-79.
- Niss, M., Bruder, R., Planas, N., Turner, R., & Villa-Ochoa, J. A. (2017). The conceptualization of the role of competencies, knowledge, and knowledge in mathematics education research. In Proceedings of the 13th International Congress on mathematical education (pp. 235-248). Springer, Cham.
- Niu, S., Lau, S. S. Y., Shen, Z., & Lau, S. S. Y. (2018). Sustainability issues in the industrial heritage adaptive reuse: rethinking culture-led urban regeneration through Chinese case studies. *Journal of Housing and the Built Environment*, 33(3), 501-518.
- Noble, H., & Heale, R. (2019). Triangulation in research, with examples. *Evidence based Nursing*, 22(3), 67-68.
- Noble, H., & Heale, R. (2019). Triangulation in research, with examples.
- Noddings, N. (2002). *Educating moral people: A caring alternative to character education*. ERIC.
- Noordegraaf, M. (2020). Protective or connective professionalism? How connected professionals can (still) act as autonomous and authoritative experts. *Journal of*

*Professions and Organization*, 7(2), 205–223. <https://doi.org/10.1093/JPO/JOAA011>

Nosenzo, D. (2010). *The impact of pay comparisons on effort behavior* (No. 2010-03). CeDEx Discussion Paper Series.

NUEPA. (2014). *Education for all: Towards quality with equity India* (1st ed.) Ministry of Human Resource Development, GOI, August 2014.

Nuland, S. (2009). *Teacher codes: Learning from experiences*. France: International Institute for Educational Planning.

Nusa, P. R. & Irawan, E. (2020). Dampak Sertifikasi dan Pendidikan Terakhir Terhadap Kinerja Guru PAUD Di Kabupaten Ponorogo. *Jurnal Pendidikan Islam Anak Usia Dini*, 01(01), 27–40.

Odunaike, K. O., Ijaduola, K. O., & Epetimehin, F. M. (2013). Teachers' Gender and Professional Achievements in Secondary Schools. *International Journal of Humanities and Social Sciences*, 3(1), 125-129.

OECD (2013), *Education at a Glance 2013: OECD Indicators*, OECD Publishing. <http://dx.doi.org/10.1787/eag-2013-en>

OECD (2014), *Education at a Glance 2014: OECD Indicators*, OECD Publishing. <http://dx.doi.org/10.1787/eag-2014-en>

OECD (2015), *Education Policy Outlook 2015: Making Reforms Happen*, OECD Publishing, Paris.

- OECD (2015). *Skills for Social Progress: The Power of Social and Emotional Skills*, OECD Skills Studies, OECD Publishing, Paris.
- OECD (2017), *PISA 2015 Assessment and Analytical Framework: Science, Reading, Mathematic, Financial Literacy and Collaborative Problem Solving, revised edition*, PISA, OECD Publishing, Paris. <http://dx.doi.org/10.1787/9789264281820-en>
- OECD (2017), *PISA 2015 Assessment and Analytical Framework: Science, Reading, Mathematic, Financial Literacy and Collaborative Problem Solving, revised edition*, PISA, OECD Publishing, Paris. <http://dx.doi.org/10.1787/9789264281820-en>
- OECD. Publishing. (2005). *Teachers matter: Attracting, developing and retaining effective teachers*. Organization for Economic Co-operation and Development.
- Ohara, Y. (2012). Examining the legitimacy of unrecognised low-fee private schools in India: Comparing different perspectives. *Compare*, 42(1), 69–90.
- Ontario (1999). Ontario College of Teachers Act, 1996, S. O. 1996, c. 12.
- Orazbayeva, B., van der Sijde, P., & Baaken, T. (2021). Autonomy, competence and relatedness—the facilitators of academic engagement in education-driven university-business cooperation. *Studies in Higher Education*, 46(7), 1406-1420.
- Organisation for Economic Co-operation and Development. (2013). *PISA 2012 results in focus: What 15-year-olds know and what they can do with what they know*. Paris, France.
- Osborn, M., Abbot, D., Broadfoot, P., Croll, P., & Pollard, A. (2002). Teachers' professional perspectives: Continuity and change. In *Reshaping Education In The 1990s* (pp. 147-163). Routledge.

- Oser, F. K. (1994). Chapter 2: Moral perspectives on teaching. *Review of Research in Education*, 20(1), 57–127.
- Osmon, D. C., & Jackson, R. (2002). Inspection time and IQ: Fluid or perceptual aspects of intelligence? *Intelligence*, 30(2), 119-127.
- Packard, R. D. (1993). Professional Teacher: Master Communicator, Researcher and Scholar.
- Pandey, B. (2018). *Achieving SDG 4 in India: moving from quantity to quality education for all*. Research and Information System for Developing Countries.
- Paramita, S. (2015). “We follow the private tutors not the teachers”: An ethnographic insight into educational practices among the students of an Indian city. *International Journal of Research in Social Sciences*, 4(4), 819–840.
- Pardede, P. (2019). Mixed methods research designs in EFL*. Proceedings of education department collegiate forum (eed-cf).
- Pardo-Garcia, C., & Barac, M. (2020). Promoting employability in higher education: A case study on boosting entrepreneurship skills. *Sustainability*, 12(10), 4004.
- Pardo-Garcia, C., & Barac, M. (2020). Promoting employability in higher education: A case study on boosting entrepreneurship skills. *Sustainability*, 12(10), 4004.
- Parker, G. (2015). Teachers’ autonomy. *Research in Education*, 93(1), 19–33.
- Parsons, T. (1953). *A revised analytical approach to the theory of social stratification*. Harvard University Press.



- Pascual-Leone, J. & Smith, J. (1969). The encoding and decoding of symbols by children: A new experimental paradigm and a neoPiagetian model. *Journal of Experimental Child Psychology*, 8, 328–355.
- Patton, M. Q. (1990). *Qualitative evaluation and research methods*. SAGE Publications, inc.
- Pearson, L. C., & Moomaw, W. (2005). The relationship between teacher autonomy and stress, work satisfaction, empowerment, and professionalism. *Educational Research Quarterly*, 29(1), 38–54.
- Pehmer, A. K., Gröschner, A., & Seidel, T. (2015). How teacher professional development regarding classroom dialogue affects students' higher-order learning. *Teaching and Teacher Education*, 47, 108-119.
- Peña-López, I. (2016). Supporting Teacher Professionalism. Insights from TALIS 2013.
- Peña-López, I. (2016). *Supporting Teacher Professionalism. Insights from TALIS 2013*. OECD Publishing.
- Peterson, P. L., & Fennema, E. (1985). Effective teaching, student engagement in classroom activities, and sex-related differences in learning mathematics. *American Educational Research Journal*, 22(3), 309-335.
- Phelps, P. H. (2006). The three Rs of professionalism. *Kappa Delta Pi Record*, 42(2), 69-71.
- Pianta, R. C., & McCoy, S. J. (1997). The first day of school: The predictive validity of early school screening. *Journal of Applied Developmental Psychology*, 18(1), 1-22.
- Pintrich, P. R., Roeser, R. W., & De Groot, E. A. (1994). Classroom and individual differences in early adolescents' motivation and self-regulated learning. *The Journal of Early Adolescence*, 14(2), 139-161.

- Polly, D., McGee, J., Wang, C., Martin, C., Lambert, R., & Pugalee, D. K. (2015). Linking professional development, teacher outcomes, and student achievement: The case of a learner-centered mathematics program for elementary school teachers. *International Journal of Educational Research*, 72, 26-37.
- Popkewitz, T. S. (1994). Professionalization in teaching and teacher education: Some notes on its history, ideology, and potential. *Teaching and Teacher Education*, 10(1), 1–14.
- Powlishta, K. K. (1995). Intergroup processes in childhood: Social categorization and sex role development. *Developmental Psychology*, 31(5), 781.
- Pozo-Munoz, C., Reboloso-Pacheco, E., & Fernandez-Ramirez, B. (2000). The 'Ideal Teacher'. Implications for student evaluation of teacher effectiveness. *Assessment & Evaluation in Higher Education*, 25(3), 253-263.
- Pratham, P. (2010). *Annual Status of Education Report (Rural) 2009 (Provisional)* (No. id: 2373).
- Pratte, R., & Rury, J. (1991). Teachers, professionalism, and craft. *Teachers College Record*, 93(1), 59-72.
- Prestine, N. A. (1995). Crisscrossing the landscape: Another turn at cognition and educational administration. *Educational Administration Quarterly*, 31(1), 134-142.
- Primi, C., Morsanyi, K., Donati, M. A., Galli, S., & Chiesi, F. (2017). Measuring probabilistic reasoning: The construction of a new scale applying item response theory. *Journal of Behavioral Decision Making*, 30(4), 933-950.

- Pruitt, D. G., & Kimmel, M. J. (1977). Twenty years of experimental gaming: Critique, synthesis, and suggestions for the future. *Annual review of psychology*, 28(1), 363-392.
- Puustinen, M., Sääntti, J., Koski, A., & Tammi, T. (2018). Teaching: A practical or research-based profession? Teacher candidates' approaches to research-based teacher education. *Teaching and Teacher Education*, 74, 170-179.
- Quinn, D. M., & Cooc, N. (2015). Science achievement gaps by gender and race/ethnicity in elementary and middle school: Trends and predictors. *Educational Researcher*, 44(6), 336-346.
- Quinn, R. E., Faerman, S. R., Thompson, M. P., & McGrath, M. R. (2003). *Becoming a Master Manager: A Competency Approach*, Hoboken.
- Rajesh Shah, S., & Udgaonkar, U. S. (2018). Influence of gender and age of teachers on teaching: students perspective. *International Journal of Current Microbiology and Applied Sciences*, 7(1), 2436–2441.
- Ramey, C. T., & Ramey, S. L. (2004). Early learning and school readiness: Can early intervention make a difference? *Merrill-Palmer Quarterly (1982-)*, 471-491.
- Ranjeeth, S., Latchoumi, T. P., & Paul, P. V. (2020). Role of gender on academic performance based on different parameters: Data from secondary school education. *Data in brief*, 29, 105257.

- Rao, N., & Sun, J. (2010). *Early childhood care and education in the Asia-Pacific region: Moving towards Goal 1*. CERC, the University of Hong Kong/UNESCO.
- Rapplee, J., & Komatsu, K. (2020). Is Shadow Education the Driver of East Asia's High Performance on Comparative Learning Assessments? *Education Policy Analysis Archives*, 28(67).
- Reddy, M. Y. (2007). Rubrics and the enhancement of student learning. *Educate*, 7(1), 3-17.
- Rest, J. R. (1994). *Moral development in the professions: Psychology and applied ethics*. Psychology Press.
- Reynolds, A. J., Mann, E., Miedel, W., & Smokowski, P. (1997). The state of early childhood intervention: Effectiveness, myths and realities, new directions. *Focus*, 19(1), 5-11.
- Rhoton, J., & Stiles, K. E. (2002). Exploring the professional development design process: Bringing an abstract framework into practice. *Science Educator*, 11(1), 1-8.
- Richardson, P. W., & Watt, H. M. (2006). Who chooses teaching and why? Profiling characteristics and motivations across three Australian universities. *Asia-Pacific Journal of Teacher Education*, 34(1), 27-56.
- Richardson, P. W., & Watt, H. M. (2014). Why people choose teaching as a career: An expectancy-value approach to understanding teacher motivation. In *Teacher motivation* (pp. 3-19). Routledge.

- Richardson, V., & American Educational Research Association. (2001). *Handbook of research on teaching*. American Educational Research Association.
- Rinehart, J. S., & Young, I. P. (1996). Effects of teacher gender and principal gender on ratings of teacher performance. *Journal of Personnel Evaluation in Education*, 10(4), 313–323.
- Rivkin, S. G., Hanushek, E. A., & Kain, J. F. (2005). Teachers, schools, and academic achievement. *Econometrica*, 73(2), 417-458.
- Robinson, K. (2011). *Out of our minds: Learning to be creative*. John Wiley & Sons.
- Rosenberg, M., & McCullough, B. C. (1981). Mattering: Inferred significance and mental health among adolescents. *Research in community & mental health*.
- Ruggles, S., Alexander, J. T., Genadek, K., Goeken, R., Schroeder, M. B., & Sobek, M. (2010). Integrated Public Use Microdata Series: Version 5.0 [machine-readable database]. Minneapolis: University of Minnesota
- Sachs, J. (2001). Teacher professional identity: Competing discourses, competing outcomes. *Journal of education policy*, 16(2), 149-161.
- Sakkoulis, D. P., Asimaki, A., & Vergidis, D. K. (2018). In-service Training as a Factor in the Formation of the Teacher's Individual Theory of Education. *International Education Studies*, 11(3), 48.
- Salkind, N. J. (Ed.). (2010). *Encyclopedia of research design* (Vol. 1). sage.
- Sanders, W. L., & Rivers, J. C. (1996). Cumulative and residual effects of teachers on future student academic achievement.

- Sanders, W. L., Wright, S. P., & Horn, S. P. (1997). Teacher and classroom context effects on student achievement: Implications for teacher evaluation. *Journal of personnel evaluation in education*, 11(1), 57-67.
- Saphier, J. D. (1995). Bonfires and Magic Bullets. Making Teaching a True Profession: The Step without Which Other Reforms Will Neither Take nor Endure. Revised.
- Sappington, J., & Topolski, R. (2005). Maths performance as a function of sex, laterality, and age of pubertal onset. *Laterality: Asymmetries of Body, Brain and Cognition*, 10(4), 369-379.
- Sarsani, M. R., & Maddini, R. (2010). Achievement in mathematics of secondary school students in selected variables. *Edutracks*, 9 (6), 38, 43.
- Schleicher, A. (2018). *World class*. OECD Publishing, Paris.
- Schleicher, A. (2019). PISA 2018: Insights and Interpretations. *OECD Publishing*.
- Schon, D. (1983). Becoming a reflective practitioner. *How professionals think in action*. London: Temple Smith.
- Schüssler, R., Schwier, V., Klewin, Gabriele, Schicht, Saskia, Schöning, A., & Weyland, U. (Eds.) (2014). UTB Schulpädagogik: Vol. 4168. Das Praxissemester im Lehramtsstudium: Forschen, Unterrichten, Reflektieren. Bad Heilbrunn: Klinkhardt.
- Schweinhart, L. J., Barnes, H. V., & Weikhart, D. P. (2005). Significant benefits: The High/Scope Perry preschool study through age 27. *Child welfare: Major themes in health and social welfare*, 9-29.

- Sharma, R. (2012). Teachers on the move: International migration of school teachers from India. *Journal of Studies in International Education*, 17(3), 262–283.
- Shavelson, R. J. (1996). *Statistical reasoning for the behavioral sciences* (3rd ed.). Boston: Allyn and Bacon.
- Shishigu, A. (2015). Factors Affecting Teachers Motivation and Professionalism: The Case of Public Primary Schools in Addis Ababa, Ethiopia. *The International Journal of Humanities & Social Studies*, 3(8), 140-146.
- Shukla, T., Nirban, V. S., & Dosaya, D. (2018, June). Experience and qualifications: A study on attributes of teacher professionalism. In *Proceedings of the 2018 The 3rd International Conference on Information and Education Innovations* (pp. 45-48).
- Siegrist, H. (2015), “Profession and Professionalization, History of”, in J.D. Wright (ed.), *International Encyclopedia of Social and Behavioral Sciences*, 2nd Edition, Elsevier, Philadelphia, PA, pp. 95-100.
- Simonsen, B., Freeman, J., Myers, D., Dooley, K., Maddock, E., Kern, L., & Byun, S. (2019). The Effects of Targeted Professional Development on Teachers’ Use of Empirically Supported Classroom Management Practices: <https://doi.org/10.1177/1098300719859615>, 22(1), 3–14.  
<https://doi.org/10.1177/1098300719859615>
- Singh, N., Eeda, S. S., Gudapati, B. K., Reddy, S., Kanade, P., Shantha, G. P. S., ... & Khanna, R. C. (2014). Prevalence and causes of blindness and visual impairment and

their associated risk factors, in three tribal areas of Andhra Pradesh, India. *PLoS One*, 9(7), e100644.

Singh, R., & Mukherjee, P. (2018). Effect of preschool education on cognitive achievement and subjective wellbeing at age 12: evidence from India. *Compare: A Journal of Comparative and International Education*, 49(5), pp. 723-741.

Siraj-Blatchford, I. (2004). Educational disadvantage in the early years: How do we overcome it? Some lessons from research. *European Early Childhood Education Research Journal*, 12(2), 5-20.

Slater, L. (2004). Relationship-driven teaching cultivates collaboration and inclusion. *Kappa Delta Pi Record*, 40(2), 58-59.

Slovic, P. E. (2000). *The perception of risk*. Earthscan publications.

Smith, E. (2019). The Importance of VET Teacher Professionalism: An Australian Case Study 88.

Snoek, M. (2012). *Theories on and concepts of professionalism of teachers and their consequences for the curriculum in teacher education*. Amsterdam, NL: Teacher Education in Europe Policy Document.

Snoek, M., Swennen, A., & Van der Klink, M. (2011). The quality of teacher educators in the European policy debate: actions and measures to improve the professionalism of teacher educators. *Professional development in education*, 37(5), 651-664.

Sockett, H. (1990). *Accountability, trust, and ethical codes of practice*.



- Spelke, E. S. (2005). Sex differences in intrinsic aptitude for mathematics and science? a critical review. *American Psychologist*, *60*(9), 950.
- Spencer, S. J., Steele, C. M., & Quinn, D. M. (1999). Stereotype threat and women's math performance. *Journal of experimental social psychology*, *35*(1), 4-28.
- Squire, L. R. (2004). Memory systems of the brain: a brief history and current perspective. *Neurobiology of learning and memory*, *82*(3), 171-177.
- St Clair-Thompson, H. L., & Gathercole, S. E. (2006). Executive functions and achievements in school: Shifting, updating, inhibition, and working memory. *Quarterly journal of experimental psychology*, *59*(4), 745-759.
- Steele, C. M. (1997). A threat in the air: How stereotypes shape intellectual identity and performance. *American psychologist*, *52*(6), 613.
- Steinberg, L., Dahl, R., Keating, D., Kupfer, D. J., Masten, A. S., & Pine, D. S. (2006). The study of developmental psychopathology in adolescence: Integrating affective neuroscience with the study of context.
- Sternberg, R. J. (2000). The holy grail of general intelligence. *Science*, *289*(5478), 399-401.
- Stewart, H. J. (1996). Collaboration: Towards Improved Education Practice. Lessons Learned from Brock University's Centre of Collaborative Research. *Education Canada*, *36*(1), 20-25.
- Stinnet, T. (1962). Prejudices and a Platform. *Teachers College Record*, *64*(1), 40-49.
- Streuli, N., Vennam, U., & Woodhead, M. (2011). *Increasing choice or inequality? Pathways through early education in Andhra Pradesh*. India.
- Strike, K. A. (1990). *The legal and moral responsibility of teachers*.

- Strike, K. A. (1995). Professional Ethics and the Education of Professionals. *Educational Horizons*, 74(1), 29–36.
- Strike, K. A. (1999). *Justice, caring, and universality: In defense of moral pluralism*. na.
- Strike, K., & Soltis, J. F. (2015). *The ethics of teaching*. Teachers College Press.
- Subroto, W. T. (2013). Income and implications of teacher performance to improve the quality of education in the elementary school of Surabaya. *International journal of business, humanities and technology*, 3(2), 112-122.
- Suddaby, R., & Muzio, D. (2015). Theoretical perspectives on the professions. *The Oxford handbook of professional service firms*, 25, 47.
- Syafril, S., Kurniawati, D., Jatmiko, A., Fiteriani, I., & Kuswanto, C. W. (2020). Early Childhood Teacher Professionalism Based on Academic Qualifications and Work Experience. *Jurnal Obsesi: Jurnal Pendidikan Anak Usia Dini*, 5(2), 1655-1666.
- Sykes, G. (1990). Fostering teacher professionalism in schools. *Restructuring schools: The next generation of educational reform*, 59-96.
- Sylva, K., Chan, L. L. S., Melhuish, E., Sammons, P., Siraj-Blatchford, I. & Taggart, B. (2011). Emergent literacy environments: Home and preschool influences on children's literacy development. In S. B. Neuman & D. K. Dickinson (Eds.), *Handbook of Early Literacy Research* (pp. 97-117). New York, United States: The Guilford Press.
- Tambak, S., Ahmad, M. Y., & Sukenti, D. (2020). Strengthening Emotional Intelligence in Developing the Madrasah Teachers' Professionalism (Penguatan Kecerdasan

- Emosional dalam Mengembangkan Profesionalisme Guru Madrasah). *Akademika*, 90(2).
- Tambunan, A. R. S., Hamied, F. A., & Sundayana, W. (2018). EFL teachers' motivation and competence in an Indonesian context as assessed within the framework of Maslow's and Herberg's theories. *Indonesian Journal of Applied Linguistics*, 8(1), 68-78.583.
- Tatang, H., & Abu, B. (2014). Teacher Professionalism and Professional Development Practices in South Sulawesi, Indonesia. *Journal of curriculum and teaching*, 3(2), 25-42.
- Tatro, C. N. (1995). Gender effects on student evaluations of faculty. *Journal of Research & Development in Education*.
- Tatto, M. T. (2021). Professionalism in teaching and the role of teacher education. *European Journal of Teacher Education*, 44(1), 20-44.
- Teemant, A., Wink, J., & Tyra, S. (2011). Effects of coaching on teacher use of sociocultural instructional practices. *Teaching and Teacher Education*, 27(4), 683-693.
- Teo, T. (2019). Students and teachers' intention to use technology: Assessing their measurement equivalence and structural invariance. *Journal of Educational Computing Research*, 57(1), 201-225.
- Terhart, E. (2002). Standards für die Lehrerbildung: Eine Expertise für die Kultusministerkonferenz. ZfI-Text: Vol. 24. Münster: Inst. für Schulpädag. und Allgemeine Didaktik Univ. Münster.
- Tett, L., & Riddell, S. (2006). *Gender and teaching: where have all the men gone?* (Vol. 17). Dunedin Press.

- Tilak, J. B. (2001). *Building human capital in East Asia: What others can learn*. Washington: World Bank Institute.
- Tobler, N. S. (1986). Meta-analysis of 143 adolescent drug prevention programs: Quantitative outcome results of program participants compared to a control or comparison group. *Journal of drug issues*, 16(4), 537-567.
- Toh, K. A., Diong, C. H., Boo, H. K., & Chia, S. K. (1996). Determinants of teacher professionalism. *Journal of In-Service Education*, 22(2), 231-244.
- Tomaševski, K. (2001). *Human rights obligations: making education available, accessible, acceptable and adaptable*. Right to education primers no. 3.
- Tomlinson, C. A. (2004). Differentiation in Diverse Settings: A Consultants Experiences in Two Similar School Districts. *School Administrator*, 61(7), 28.
- Tooley, J., & Dixon, P. (2006). 'De facto' privatisation of education and the poor: implications of a study from sub-Saharan Africa and India. *Compare*, 36(4), 443-462.
- Tran, T. T. T., & Do, T. X. (2020). Student evaluation of teaching: do teacher age, seniority, gender, and qualification matter? *Educational Studies*, 1-28.
- Trawick-Smith, J. (2014). The physical play and motor development of young students: A review of literature and implications for practice. *Center for Early Childhood Education, Eastern Connecticut State University*.
- Trochim, W., & Donnelly, J. (2006). The research methods knowledge.
- Trusty, J., & Ng, K. M. (2000). Longitudinal effects of achievement perceptions on choice of postsecondary major. *Journal of Vocational Behavior*, 57(1), 123-135.

- Tschannen-Moran, M., & Hoy, A. W. (2001). Teacher efficacy: Capturing an elusive construct. *Teaching and teacher education, 17*(7), 783-805.
- Tschannen-Moran, M., & Hoy, A. W. (2001). Teacher efficacy: Capturing an elusive construct. *Teaching and teacher education, 17*(7), 783-805.
- Tsui, M. (2005). Family income, home environment, parenting, and mathematics achievement of students in China and the United States. *Education and Urban Society, 37*(3), 336-355.
- Tsui, M. (2007). Gender and mathematics achievement in China and the United States. *Gender Issues, 24*(3), 1-11.
- Turner, B. 1988. *Status*, Milton Keynes: Open University Press.
- UNESCO (2012). UNESCO Strategy on Teachers (2012-2015). Retrieved from <http://en.unesco.org/themes/teachers>
- UNESCO (2005). *Guidelines for quality provision in cross-border higher education*, Paris: UNESCO
- UNESCO. (2005). The importance of good quality: What research tells us. EFA global monitoring report.
- UNESCO. (2005). Understanding education quality. EFA global monitoring report 2005.
- UNESCO. 2005. EFA Global Monitoring Report 2006: Literacy for Life. Paris: UNESCO
- Utami, L. D., & Kartini, K. (2017). Faktor demografis, personality traits, dan overconfidence (Survey terhadap investor saham di Yogyakarta). *Jurnal Siasat Bisnis, 20*(2), 181–196.

- Uwineza, I., Rubagiza, J., Hakizimana, T., & Uwamahoro, J. (2018). Gender attitudes and perceptions towards mathematics performance and enrolment in Rwandan secondary schools. *Rwandan Journal of Education*, 4(2), 44-56.
- Uzoka-Walker, I. (2009). Nigerian students' perceptions of mathematics in secondary education. *Dissertation Abstracts International*, 70(07).
- Valiandes, S., & Neophytou, L. (2018). Teachers' professional development for differentiated instruction in mixed-ability classrooms: investigating the impact of a development program on teachers' professional learning and on students' achievement. *Teacher Development*, 22(1), 123-138.
- Van der Klink, M., Kools, Q., Avissar, G., White, S., & Sakata, T. (2017). Professional development of teacher educators: What do they do? Findings from an explorative international study. *Professional development in education*, 43(2), 163-178.
- Van Manen, M. (1977). Linking ways of knowing with ways of being practical. *Curriculum Inquiry*, 6, 205–228.
- Van-Der-Sijde, P. C. (1989). The effect of a brief teacher training on student achievement. *Teaching and Teacher Education*, 5(4), 303-314.
- Varela, F. J., Thompson, E., & Rosch, E. (2016). *The embodied mind: Cognitive science and human experience*. MIT press.
- Varkey Foundation. (2018). Global Teacher Status Index | 2018 | Brasil - GTSI STATISTICS. In *Varkey GEMS Foundation*.  
<https://www.varkeyfoundation.org/media/4833/gtsi-brazil-chart-findings.pdf>
- Vogt, T., & Staub, I. (2020). Assessment of basic aquatic skills in children: inter-rater

- reliability of coaches, teachers, students and parents. *Journal of Physical Education and Sport*, 20(2), 577-583.
- Vroom, V.H. (1964). *Work and motivation*. Wiley & Sons.
- Vygotsky, L. S. (1978). In M. Cole, V. John-Steiner, S. Scribner, & E. Souberman (Eds.), *Mind in society: The development of higher psychological processes*. Cambridge, MA: Harvard University Press.
- Wadhwa, W. (2014). Government vs private schools: Have things changed. *Annual Status of Education Report (Rural)*. New Delhi: ASER center.
- Walker, J. M., Wilkins, A. S., Dallaire, J. R., Sandler, H. M., & Hoover-Dempsey, K. V. (2005). Parental involvement: Model revision through scale development. *The elementary school journal*, 106(2), 85-104.
- Walker, M. (2011). 'PISA 2009 Plus Results: Performance of 15-year-olds in reading, mathematics and science for 10 additional participants'. Melbourne: ACER Press
- Wang, J., King, R. B., & Rao, N. (2019). The role of social-academic goals in Chinese students' self-regulated learning. *European Journal of Psychology of Education*, 34(3), 579-600.
- Wayne, A. J., & Youngs, P. (2003). Teacher characteristics and student achievement gains: A review. *Review of Educational research*, 73(1), 89-122.
- Weisburd, D., & Britt, C. (2014). Multivariate regression with multiple category nominal or ordinal measures. In *Statistics in Criminal Justice* (pp. 601-636). Springer, Boston, MA.

- Weisgram, E. S., Bigler, R. S., & Liben, L. S. (2010). Gender, values, and occupational interests among students, adolescents, and adults. *Child Development, 81*(3), 778-796.
- Welch, M., & Sheridan, S. M. (1995). *Educational partnerships: Serving students at risk*. Wadsworth Publishing Company.
- Westfall, P. H. (2014). Kurtosis as peakedness, 1905–2014. RIP. *The American Statistician, 68*(3), 191-195.
- Wheatley, K. F. (2002). The potential benefits of teacher efficacy doubts for educational reform. *Teaching and teacher education, 18*(1), 5-22.
- Wheatley, K. F. (2002). The potential benefits of teacher efficacy doubts for educational reform. *Teaching and teacher education, 18*(1), 5-22.
- Wheeler, S. C., & Petty, R. E. (2001). The effects of stereotype activation on behavior: a review of possible mechanisms. *Psychological bulletin, 127*(6), 797.
- Whitty, G. (2000). 'Teacher Professionalism in New Times', *Journal of Inservice Education, 26*(2) 281- 295.
- Whitty, G. (2000). Teacher professionalism in new times. *Journal of in-service education, 26*(2), 281-295.
- Whitworth, J. E., Price, B. A., & Randall, C. H. (2002). Factors that affect college of business student opinion of teaching and learning. *Journal of Education for Business, 77*(5), 282-289.
- Wilensky, H. L. (1964). The professionalization of everyone? *American journal of sociology, 70*(2), 137-158.



- Wilhelm, O., & Engle, R. W. (Eds.). (2004). *Handbook of understanding and measuring intelligence*. Sage Publications.
- Wilson, J. H., Beyer, D., & Monteiro, H. (2014). Professor age affects student ratings: Halo effect for younger teachers. *College Teaching*, 62(1), 20-24.
- Winitzky, N., Sheridan, S., Crow, N., Welch, M., & Kennedy, C. (1995). Interdisciplinary collaboration: Variations on a theme. *Journal of Teacher Education*, 46(2), 109-119.
- Woessmann, L. (2011). Cross-country evidence on teacher performance pay. *Economics of Education Review*, 30(3), 404-418.
- Wood, D. J., & Gray, B. (1991). Toward a comprehensive theory of collaboration. *The Journal of applied behavioral science*, 27(2), 139-162.
- Woolfolk Hoy, A., & Murphy, P. K. (2001). Teaching educational psychology to the implicit mind.m
- Woolfolk, A., & Perry, N. (2012). Social and emotional development in early childhood. *Child and adolescent development*, 18, 262-309.
- Woolgar, A., Parr, A., Cusack, R., Thompson, R., Nimmo-Smith, I., Torralva, T., ... & Duncan, J. (2010). Fluid intelligence loss linked to restricted regions of damage within frontal and parietal cortex. *Proceedings of the national academy of sciences*, 107(33), 14899-14902.
- Woolridge, J. M (2012). *Introductory Econometrics: A Modern Approach*. Thomson/South-Western, Cengage Learning.

- World Bank (1993). *The East Asia Miracle*. Oxford University Press, New York.
- Worth, J., & Van den Brande, J. (2020). Teacher autonomy: how does it relate to job satisfaction and retention? In *Slough: NFER*.  
[https://www.nfer.ac.uk/media/3874/teacher\\_autonomy\\_how\\_does\\_it\\_relate\\_to\\_job\\_satisfaction\\_and\\_retention.pdf](https://www.nfer.ac.uk/media/3874/teacher_autonomy_how_does_it_relate_to_job_satisfaction_and_retention.pdf)
- Yee, M., & Brown, R. (1994). The development of gender differentiation in young students. *British Journal of Social Psychology*, 33(2), 183-196.
- Yoon, K. S., Duncan, T., Lee, S. W. Y., Scarloss, B., & Shapley, K. L. (2007). Reviewing the evidence on how teacher professional development affects student achievement. issues & answers. rel 2007-no. 033. *Regional Educational Laboratory Southwest (NJI)*.
- Yoon, K. S., Duncan, T., Lee, S. W.-Y., Scarloss, B., & Shapley, K. (2007). Reviewing the evidence on how teacher professional development affects student achievement (Issues & Answers Report, REL 2007–No. 033). Washington, DC: U.S. Department of Education, Institute of Education Sciences, National Center for Education Evaluation and Regional Assistance, Regional Educational Laboratory Southwest. Retrieved from <http://ies.ed.gov/ncee/edlabs>
- Zeichner, K. (2014). The struggle for the soul of teaching and teacher education in the USA. *Journal of Education for Teaching*, 40(5), 551–568.
- Zeichner, K. M. (1983). Alternative paradigms of teacher education. *Journal of teacher education*, 34(3), 3-9.