

### Daftar Pustaka

- Adams, G. R., & Schvaneveldt, J. D. (1991). *Understanding Research Methods*. New York: Longman Publishing Group.
- Adriany, V. (2013). *Hak Anak dalam Konteks Penelitian*. Paper presented at the Konferensi Pendidikan Anak Usia Dini dan Pendidikan Dasar SPS UPI Menyongsong Generasi Emas 2045, Bandung.
- Adriany, V., & Saefullah, K. (2015). Deconstructing Human Capital Discourse in Early Childhood Education in Indonesia. In T. Lightfoot-Rueda & R. L. Peach (Eds.), *Global Perspective on Human Capital in Early Childhood Education* (pp. 159-179). New York: Palgrave Macmillan.
- Alwasilah, A. C. (2000). *Pokoknya Kualitatif Dasar-Dasar Merancang dan Melakukan Penelitian Kualitatif*. Bandung: Pustaka Jaya.
- Alwasilah, A. C. (2015). *Pokoknya Studi Kasus Pendekatan Kualitatif*. Bandung: Kiblat Buku Utama.
- Amylia, L. R., & Setyowati, S. (2014). Pengaruh Outdoor Learning terhadap Kemampuan Mengenal Konsep Bilangan Anak Kelompok A di TK Tunas Harapan Menongo Sukodadi. *Jurnal Mahasiswa Teknologi Pendidikan*, 3(3).
- Antara. (2012). Calistung di PAUD Berakibat Buruk. Retrieved 14 Oktober 2016 <http://www.edisicetak.joglosemar.co/berita/calistung-di-paud-berakibat-buruk-74564.html>
- Anthony, G., & Walshaw, M. (2009). Mathematics Education in The Early Years: Building Bridges. *Contemporary Issues in Early Childhood*, 10(2), 107-122. doi: 10.2304/ciec.2009.10.2.107
- Aubrey, C., David, T., Godfrey, R., & Thompson, L. (2000). *Early Childhood Educational Research*. London: Routledge.
- Aunio, P., & Niemivirta, M. (2010). Predicting children's mathematical performance in grade one by early numeracy. *Learning and Individual Differences*, 20(5), 427-435.
- Aunola, K., Leskinen, E., Lerkkanen, M.-K., & Nurmi, J.-E. (2004). Developmental dynamics of math performance from preschool to grade 2. *Journal of Educational Psychology*, 96(4), 699.
- Bahri, K. (2010). *Pengaruh Latar Belakang Pendidikan, Pengalaman, dan Kompetensi Tutor terhadap Mutu Pembelajaran Anak Usia Dini pada Latar Kelompok Bermain di Kota Bandung*. (Tesis), Universitas Pendidikan Indonesia, Bandung.

- Bakker, A., Smit, J., & Wegerif, R. (2015). Scaffolding and dialogic teaching in mathematics education: introduction and review. *ZDM*, 47(7), 1047-1065. doi: 10.1007/s11858-015-0738-8
- Baroody, A. J. (2004). The Role of Psychological Research in The Development of Early Childhood Mathematics Standards *Engaging young children in mathematics: Standards for early childhood mathematics education* (pp. 149-172). New Jersey; London: Lawrence Erlbaum Associate.
- Baxter, P., & Jack, S. (2008). Qualitative case study methodology: Study design and implementation for novice researchers. *The qualitative report*, 13(4), 544-559.
- Bishop, A. J. (1988). *Mathematical Enculturation: A Cultural Perspective in Mathematics Education*. Dordrecht: Reidel Publishing Co.
- Bodrova, E., & Leong, D. J. (2011). Peranti Pikir: Pendekatan Vygotsky pada Pendidikan Anak Usia Dini (S. Narulita, Trans.). In J. L. Roopnarine & J. E. Jhonson (Eds.), *Pendidikan Anak Usia Dini dalam Berbagai Pendekatan* (5th ed., pp. 243-264). Jakarta: Kencana.
- Boeree, C. G. (2006). Jean Piaget 1896 - 1980 Biography. Retrieved November 17, 2015, from <http://webspaceship.edu/cgboer/piaget.html>
- Bredenkamp, S. (2004). Standards for Preschool and Kindergarten Mathematics Education. In D. H. Clementes, J. Sarama, & A.-M. DiBiase (Eds.), *Engaging Young Children in Mathematics Standards for Early Childhood Mathematics Education* (pp. 77-82). New Jersey; London: Lawrence Erlbaum Associates.
- Brendefur, J., Johnson, E. S., Thiede, K. W., Smith, E. V., Strother, S., Severson, H. H., & Beaulieu, J. (2015). Developing a Comprehensive Mathematical Assessment Tool to Improve Mathematics Intervention for At-Risk Students. *International Journal for Research in Learning Disabilities*, 2(2), 65-90.
- Brendefur, J., Strother, S., Thiede, K., Lane, C., & Surges-Prokop, M. J. (2013). A Professional Development Program to Improve Math Skills Among Preschool Children in Head Start. *Early Childhood Education Journal*, 41(3), 187-195. doi: 10.1007/s10643-012-0543-8
- Brewer, J. A. (2007). *Introduction to Early Childhood Education: Pearson New International Edition: Preschool Through Primary Grades* (Sixth ed.). United States of America: Pearson Education, Limited.
- Bungin, M. B. (2007). *Penelitian Kualitatif*. Jakarta: Kencana.
- C01, & Alamsyah, I. E. (2015). Ahli: Tes 'Baca Hitung' di Level PAUD Berdampak Negatif Bagi Anak. Retrieved 14 Oktober 2016, from Republika Online

<http://www.republika.co.id/berita/pendidikan/eduaction/15/11/20/ny409b349-ahli-tes-baca-hitung-di-level-paud-berdampak-negatif-bagi-anak>

- Cahyadi, F., & Hernita, M. I. (2016). Peningkatan Keaktifan dan Kemampuan Berhitung melalui Media Puzzle pada Anak. *PAUDIA*, 5(1).
- Campbell, P. F., Nishio, M., Smith, T. M., Clark, L. M., Conant, D. L., Rust, A. H., . . . Choi, Y. (2014). The relationship between teachers' mathematical content and pedagogical knowledge, teachers' perceptions, and student achievement. *Journal for Research in Mathematics Education*, 45(4), 419-459.
- Charlesworth, R., & Lind, K. K. (2010). *Math and Science for Young Children* (Sixth ed.). Belmont: Wadsworth Cengage Learning.
- Charmaz, K. (2006). *Constructing Grounded Theory A Practical Guide Through Qualitative Analysis*. London: Sage Publication.
- Charmaz, K. (2014). Grounded Theory in Global Perspective: Reviews by International Researchers. *Qualitative inquiry*, 20(9), 1074-1084. doi: 10.1177/1077800414545235
- Chen, J.-Q., McCray, J., Adams, M., & Leow, C. (2014). A Survey Study of Early Childhood Teachers' Beliefs and Confidence about Teaching Early Math. *Early Childhood Educ J*, 42, 376-377. doi: 10.1007/s10643-013-0619-0
- Cho, J. Y., & Lee, E.-H. (2014). Reducing confusion about grounded theory and qualitative content analysis: Similarities and differences. *The qualitative report*, 19(32), 1.
- Clements, D. H. Mathematics for Young Children. Retrieved October 29, 2015, from [http://gse.buffalo.edu/org/buildingblocks/NewsLetters/Preschool\\_DHC.htm](http://gse.buffalo.edu/org/buildingblocks/NewsLetters/Preschool_DHC.htm)
- Clements, D. H. (2001). Mathematics in the Preschool. *Teaching Children Mathematic*, 270-275.
- Clements, D. H., & Sarama, J. (2009). *Learning and Teaching Early Math The Learning Trajectories Approach*. New York and London: Routledge.
- Clements, D. H., & Sarama, J. (2011). Early Childhood Mathematics Intervention. *Science*, 333(6045), 968-970. doi: 10.1126/science.1204537
- Clemson, D., & Clemson, W. (1994). *Mathematics in the early years*. London and New York: Routledge.
- Cobb, P. (1994). Where is the mind? Constructivist and sociocultural perspectives on mathematical development. *Educational Researcher*, 23(7), 13-20.

- Cohrssena, C., Churcha, A., & Taylera, C. (2014). Purposeful Pauses: Teacher Talk During Early Childhood Mathematics Activities. *International Journal of Early Years Education*, 22(2), 169-183. doi: 10.1080/09669760.2014.900476
- Copley, J. V. (2006). *The Young Child and Mathematics*. Washington D.C: National Association for the Education of Young Children.
- Copple, C. E. (2004). Mathematics Curriculum in the Early Childhood Context. In D. H. Clementes, J. Sarama, & A.-M. DiBlase (Eds.), *Engaging Young Children in Mathematics Standar for Early Childhood Mathematics Education* (pp. 83-87). New Jersey: Lawrence Erlbaum Associate.
- Copple, C. E., & Bredekamp, S. (2006). Basics of developmentally appropriate practice. *Washington, DC: National Association for the Education of Young Children*.
- Corter, C., & Pelletier, J. (2005). Parent and Community Involvement in Schools: Policy Panacea or Pandemic? In N. Bascia, A. Cumming, A. Datnow, K. Leithwood, & D. Livingstone (Eds.), *International Handbook of Educational Policy* (pp. 295-327). Dordrecht: Springer Netherlands.
- Council, T. C. M. (2013). Counting and Young Children. *Early Learning, Math at Home*.
- Creswell, J. W. (2012). *Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research*. Upper Saddle River: Pearson.
- Cross, C. T., Woods, T. A., Schweingruber, H. A., National Research, C., & Committee on Early Childhood, M. (2009). Mathematics Learning in Early Childhood Paths toward Excellence and Equity. from <http://site.ebrary.com/id/10355555>
- Dağlı, Ü. Y., & Halat, E. (2016). Young Children's Conceptual Understanding of Triangle. *Eurasia Journal of Mathematics, Science & Technology Education*, 12(2), 189-202. doi: 10.12973/eurasia.2016.1398a
- Dobbs, J., Doctoroff, G. L., & Fisher, P. H. (2003). The “Math Is Everywhere” Preschool Mathematics Curriculum. *Teaching Children Mathematic*, 10(1), 20-22.
- Edens, K. M., & Potter, E. F. (2013). An Exploratory Look at the Relationships Among Math Skills, Motivational Factors and Activity Choice. *Early Childhood Educ J*, 41, 9. doi: 0.1007/s10643-012-0540-y
- Edwards, S. (2003). New Directions: Charting the Paths for the Role of Sociocultural Theory in Early Childhood Education and Curriculum. *Contemporary Issues in Early Childhood*, 4(3), 251-266. doi: doi:10.2304/ciec.2003.4.3.3

- Elia. (2015). *Pengaruh Permainan Tradisional Engklek Modifikasi terhadap Penguasaan Konsep Bilangan dan Geometri Anak Usia Dini*. (Tesis), Universitas Pendidikan Indonesia, Bandung.
- Epeni, H. (2013). *Pengenalan Keterampilan Analisis Data pada Anak TK melalui Penggunaan Media Grafik*. (Skripsi), Universitas Pendidikan Indonesia, Bandung.
- Eprilia, U. H., & Prasetyarini, A. (2011). Implementasi Metode Pembelajaran Calistung Permulaan bagi Anak Play Group Aisyiah di Kecamatan Kartasura, Sukoharjo. *Jurnal Penelitian Humaniora*, 12(2), 126-136.
- Erdener, M. A. (2016). Principals' and Teachers' Practices about Parent Involvement in Schooling. *Universal Journal of Educational Research*, 4(12A), 151-159. doi: 10.13189/ujer.2016.041319
- Fan, X., & Chen, M. (2001). Parental involvement and students' academic achievement: A meta-analysis. *Educational Psychology Review*, 13(1), 1-22.
- Fauziddin, M. (2015a). Peningkatan Kemampuan Klasifikasi Melalui Media Benda Konkret pada Anak Kelompok A1 di TK Cahaya Kembar Bangkinang Kampar. *Jurnal Obsesi*, 1(2), 12-25.
- Fauziddin, M. (2015b). Peningkatan Kemampuan Matematika Anak Usia Dini Melalui Permainan Jam Pintar di Taman Kanak-Kanak Pembina Kec. Bangkinang Kota. *Jurnal Obsesi*, 1(1), 49-54.
- File, N. (2012). The Relationship between Child Development and Early Childhood Curriculum. In N. File, J. J. Mueller, & D. B. Wisneski (Eds.), *Curriculum in Early Childhood Education: Re-examined, Rediscovered, Renewed* (pp. 29-41). New York: Routledge.
- Fitria, A. S., & Purbaningrum, E. (2015). Pengaruh Model Pembelajaran Contextual Teaching and Learning terhadap Kemampuan Mengenal Konsep Ukuran Anak Kelompok B. *Jurnal Mahasiswa Teknologi Pendidikan*, 4(2).
- Fitriani, R. (2015). Refleksi Keterampilan Guru PAUD Dalam Pembelajaran Terpadu. *Cahaya PAUD*, 2(1).
- Fletcher, K. A. (2013). *Perceptions of Contemporary Effects of Colonialism Among Educational Professionals in Ghana*. (Doctoral Dissertation), University of Massachusetts, Amherst Retrieved from [http://scholarworks.umass.edu/open\\_access\\_dissertations](http://scholarworks.umass.edu/open_access_dissertations)
- Flyvbjerg, B. (2006). Five misunderstandings about case-study research. *Qualitative inquiry*, 12(2), 219-245.

- Formen, A. (2017). In Human-Capital We Trust, on Developmentalism We Act: The Case of Indonesian Early Childhood Education Policy. In M. Li, J. Fox, & S. Grieshaber (Eds.), *Contemporary Issues and Challenge in Early Childhood Education in the Asia-Pacific Region* (pp. 125-142). Singapore: Springer Singapore.
- Formen, A., & Nuttall, J. (2014). Tensions Between Discourses of Development, Religion, and Human Capital in Early Childhood Education Policy Texts: The Case of Indonesia. *International Journal on Early Childhood*. doi: 10.1007/s13158-013-0097-y
- Fridani, L., & Agbenyega, J. S. (2013). Rethinking school readiness and transition policy and practice in early childhood education (ECE): a whole schooling framework. In B. Boufoy-Bastick (Ed.), *The International Handbook of Cultures of Education Policy Comparative International Issues in Policy-Outcome Relationship* (Vol. One, pp. 121-154). Strasbourg: Analytrics.
- Gasteiger, H. (2014). Professionalization of Early Childhood Educators with a Focus on Natural Learning Situations and Individual Development of Mathematical Competencies: Results from an Evaluation Study. In U. K. e. al. (Ed.), *Early Mathematics Learning* (pp. 275-290). New York: Springer Science+Business Media.
- Geary, D. C. (2013). Early Foundations for Mathematics Learning and Their Relations to Learning Disabilities. *Current Directions in Psychological Science*, 22(1), 23-27. doi: 10.1177/0963721412469398
- Gestwicki, C. (2013). *Developmentally appropriate practice: Curriculum and development in early education*. Wadsworth: Cengage Learning.
- Ginsburg, H. P. (2008). Mathematical Play and Playful Mathematics: A Guide for Early Education. 1-38.
- Ginsburg, H. P., Lee, J. S., & Boyd, J. S. (2008). Mathematics Education for Young Children: What It is and How to Promote It. *Society for Research in Child Development*, 22(1)(social policy report), 24.
- Graham-Clay, S. (2005). Communicating with Parents: Strategies for Teachers. *School Community Journal*, 16(1), 117-129.
- Gunderson, E. A., Ramirez, G., Levine, S. C., & Beilock, S. L. (2012). The role of parents and teachers in the development of gender-related math attitudes. *Sex Roles*, 66(3-4), 153-166. doi: 10.1007/s11199-011-9996-2
- Harry, B., Rueda, R., & Kalyanpur, M. (1999). Cultural Reciprocity in Sociocultural Perspective: Adapting the Normalization Principle for Family Collaboration. *Exceptional Children*, 66(1), 123-136. doi: 10.1177/001440299906600108

- Hatano, G., & Wertsch, J. V. (2001). Sociocultural Approaches to Cognitive Development: The Constitutions of Culture in Mind. *Human development*, 44, 77-83. doi: 0018-716X/01/0443-0077\$17.50/0
- Hatch, J. A. (2012). From Theory to Curriculum: Developmental Theory and Its Relationship to Curriculum and Instruction in Early Childhood Education. In N. File, J. J. Mueller, & D. B. Wisneski (Eds.), *Curriculum in Early Childhood Education: Re-examined, Rediscovered, Renewed* (pp. 42-53). New York and London: Routledge.
- Haylock, D., & Cockburn, A. D. (2013). *Understanding Mathematics for Young Children A Guide for Teacher of Children 3-8* (M. Lagrange Ed. 4th ed.). Los Angeles, London, New Delhi, Siangpore, Washington DC: Sage.
- Henniger, M. L. (2013). *Teaching Young Children: an Introduction* (5th ed.). Boston: Pearson.
- Howitt, D. (2010). *Introduction to Qualitative Methods in Psychology*. Harlow: Pearson.
- Howitt, D., & Cramer, D. (2011). *Introduction to Research Methods in Psychology* (Third ed.). Harlow: Pearson.
- Hsieh, M.-F. (2004). Teaching Practices in Taiwan's Education for Young Children: complexity and ambiguity of developmentally appropriate practices and/or developmentally inappropriate practices. *Contemporary Issues in Early Childhood*, 5(3), 309-329.
- Ilfiandra, I. (2011). Program Pengembangan Anak Usia Dini dalam Perspektif *Developmentally Appropriate Practice*. *Jurnal Pendidikan Luar Sekolah*, 7(1).
- Inawati, M. (2011). Meningkatkan Minat Mengenal Konsep Bilangan melalui Metode Bermain Alat Manipulatif. *Jurnal Penabur No*, 16.
- Istiyani, D. (2013). Model Pembelajaran Membaca Menulis Menghitung (Calistung) pada Anak Usia Dini di Kabupaten Pekalongan. *Jurnal Penelitian*, 10(1), 1-18.
- Jackman, H. (2012). *Early Education Curriculum: A Child's Connection to the World* (5th ed.). Belmont: Wadsworth.
- Jarrah, A. M. (2013). *Investigation of Jordanian Pre-Service Teachers' Beliefs about Learning and Teaching of Mathematics*. (Doctoral), University of Missouri, Kansas City.
- Jawati, R. (2013). Peningkatan Kemampuan Kognitif Anak Melalui Permainan Ludo Geometri di PAUD Habibul Ummi II. *SPEKTRUM PLS*, 1(01), 250-263.

- Johansson, M. (2015). *Perceptions of Mathematics in Preschool: "Now we have a way of talking about the mathematics that we can work with."* (Doctoral Dissertation), Luleå University of Technology, Luleå.
- John-Steiner, V., & Mahn, H. (1996). Sociocultural approaches to learning and development: A Vygotskian framework. *Educational psychologist, 31*(3-4), 191-206. doi: 10.1080/00461520.1996.9653266
- K.W., L. (2011). *Konsep Matematika untuk Anak Usia Dini*. Jakarta: Direktorat Pembinaan Pendidikan Anak Usia Dini Direktorat Jenderal Pendidikan Anak Usia Dini Nonformal dan Informal Kementerian Pendidikan Nasional.
- Kariza, N., Jaya, M. T. B., & Haenillah, E. Y. (2015). Aktivitas Penggunaan Media Manipulatif untuk Meningkatkan Kemampuan Mengenal Lambang Bilangan Anak. *Jurnal Pendidikan Anak, 1*(5).
- Khasanah, I. (2013). Pembelajaran Logika Matematika Anak Usia Dini (Usia 4 – 5 Tahun) di TK Ikal Bulog Jakarta Timur. *Jurnal Penelitian PAUDIA, 2*(1), 14-33.
- Kirkland, L. D., Manning, M., Osaki, K., & Hicks, D. (2015). Increasing Logico Mathematical Thinking in Low SES Preschoolers. *Journal for Research in Childhood Education, 29*(3), 275-286. doi: 10.1080/02568543.2015.1040901
- Knaus, M. (2013). *Math is All Around You Developing Mathematical Concepts in the Early Years*. Albert Park: Teaching Solutions.
- Knopf, H. T., & Swick, K. J. (2007). How Parents Feel About Their Child's Teacher/School: Implications for Early Childhood Professionals. *Early Childhood Education Journal, 34*(4), 291-296. doi: 10.1007/s10643-006-0119-6
- Krogh, S. L., & Slentz, K. L. (2001). *The Early Childhood Curriculum*. New Jersey and London: Lawrence Erlbaum Associates.
- Krummheuer, G. (2014). The Relationship between Cultural Expectation and the Local Realization of a Mathematics Learning Environment. In U. Kortenkamp, B. Brandt, C. Benz, G. Krummheuer, S. Ladel, & R. Vogel (Eds.), *Early Mathematics Learning: Selected Papers of the POEM 2012 Conference* (pp. 71-83). New York: Springer.
- Kurkjian, C., Siu-Runyan, Y., & Abadiano, H. R. (2001). Developmentally Appropriate Practice: Pedagogical Interpretations in a Bilingual Head Start Classroom. *L1-Educational Studies in Language and Literature, 1*(3), 209-233. doi: 10.1023/a:1013808710649
- Landers, A. (1992). Parent education and early childhood programmes. *Coordinators' Notebook*(12).



- Lasater, K. (2016). Parent–Teacher Conflict Related to Student Abilities: The Impact on Students and the Family–School Partnership. *School Community Journal*, 26(2), 237-262.
- Lee, J. (2014). Is Children's Informal Knowledge of Mathematics Important? Rethinking Assessment of Children's Knowledge of Mathematics. *Contemporary Issues in Early Childhood*, 15(3), 293-296. doi: 10.2304/ciec.2014.15.3.293
- Lee, J. S., & Ginsburg, H. P. (2007). What is appropriate mathematics education for four-year-olds? *Journal of Early Childhood Research*, 5(1), 2-31. doi: 10.1177/1476718X07072149
- Lefstein, A., & Snell, J. (2011). Classroom Discourse: The Promise and Complexity of Dialogic Practice. In S. Ellis, McCartney, E. & J. Bourne (Eds.), *Applied Linguistics and Primary School Teaching* (pp. 165-185). Cambridge: Cambridge University Press.
- Lehmann, H. (2010). Research Method: Grounded Theory for Descriptive and Exploratory Case Studies *The Dynamics of International Information Systems: Anatomy of a Grounded Theory Investigation* (pp. 53-65). Boston, MA: Springer US.
- Lerman, S. (2001). Cultural, discursive psychology: A sociocultural approach to studying the teaching and learning of mathematics. *Educational Studies in Mathematics*, 46, 87-113.
- Levine, S. C., Suriyakham, L. W., Rowe, M. L., Huttenlocher, J., & Gunderson, E. A. (2010). What Counts in The Development of Young Children's Number Knowledge? *Dev Psychol*, 46(5), 1039-1319.
- Lo, A. Y. P. (2014). *Preschool Teachers' Perspectives on Early Mathematics Education*. (Bachelor of Arts with Departmental Honors in Psychology Thesis), Wesleyan University, Middletown.
- Lodico, M. G., Spaulding, D. T., & Voegtle, K. H. (2010). *Methods in educational research: From theory to practice* Vol. 28.
- Mac Naughton, G. (2003). *Shaping Early Childhood Learners, Curriculum and Contexts*. Berkshire: Open University Press.
- Mac Naughton, G. (2005). *Doing Foucault in Early Childhood Studies Applying poststructural ideas*. London and New York: Routledge.
- Maghfiroh, O. W., & Diana, D. (2016). The Effect of Stick Box Portable Game to Increase Basic Mathematics Ability Children Five to Six Age (Study Eksperimen in Aisyiyah Bustanul Athfal Kindergarten Kaliwungu). *BELIA: Early Childhood Education Papers*, 5(1).

- Mahmood, S. (2013). First-Year Preschool and Kindergarten Teachers: Challenges of Working with Parents. *School Community Journal*, 23(2), 55-87.
- Maiyuli, A. (2013). Peningkatan Kemampuan Berhitung Anak Melalui permainan Domino di Taman Kanak-kanak negeri Pembina Agam. *Jurnal Pesona PAUD*, 1(1).
- Marczyk, G., DeMatteo, D., & Festinger, D. (2005). *Essentials of research design and methodology*. San Francisco: John Wiley & Sons Inc.
- Martiana, L. D. (2014). Upaya Meningkatkan Kemampuan Berhitung Melalui Metode Bermain Dengan Media Ular Tangga Pada Anak. *BELIA*, 2(2).
- McCray, J. S., & Chen, J.-Q. (2011). Foundational Mathematics: A Neglected Opportunity. In B. Atweh, M. Graven, W. Secada, & P. Valero (Eds.), *Mapping Equity and Quality in Mathematics Education* (pp. 253-268). Dordrecht: Springer Netherlands.
- Menjadi Orang Tua Hebat untuk Keluarga dengan Anak Usia Dini*. (2016). Jakarta: Kementerian Pendidikan dan Kebudayaan.
- Mirawati. (2015). *Penerapan Permainan Matematika Kreatif dalam Peningkatan Number Sense Anak Taman Kanak-kanak*. (Tesis), Universitas Pendidikan Indonesia, Bandung.
- Mix, K. S., Prather, R. W., Smith, L. B., & Stockton, J. D. (2014). Young Children's Interpretation of Multidigit Number Names: From Emerging Competence to Mastery. *Child Development*, 85(3), 1306-1319. doi: 10.1111/cdev.12197
- Moyles, J. (2001). Just for Fun? The Child as Active Learner and Meaning-Maker. In J. Collins, K. Insley, & J. Soler (Eds.), *Developing Pedagogy Researching Practice* (pp. 11-25). London: Paul Chapman Publishing.
- Mulyana, E. (2014). Di Balik Pembelajaran Matematika yang Baik. In D. Suryadi & T. Suratno (Eds.), *Kemandirian Pendidik Kisah Pendidik Reflektif dan Profesional Pembelajaran*. Bandung: Sekolah Pasasarjana Universitas Pendidikan Indonesia.
- Nasir, N. i. S., & Hand, V. M. (2006). Exploring Sociocultural Perspectives on Race, Culture, and Learning. *Review of educational research*, 76(4), 449-475. doi: 10.3102/00346543076004449
- Newton, K. J., & Alexander, P. A. (2013). Early Mathematics Learning in Perspective: Eras and Forces of Change. In L. D. English & J. T. Mulligan (Eds.), *Reconceptualizing Early Mathematics Learning* (pp. 5-28). Dordrecht: Springer.

- Notari-Syverson, A., & Sadler, F. H. (2008). Math Is for Everyone: Strategies for Supporting Early Mathematical Competencies in Young Children. *YOUNG EXCEPTIONAL CHILDREN*, 11(3), 15. doi: 10.1177/1096250608314589
- Novianti, R. (2015). Pengembangan Permainan Roda Putar Untuk Meningkatkan Kemampuan Berhitung Angka Anak Usia 5-6 Tahun. *Jurnal Pendidikan Sosial Dan Budaya (EDUCHILD)*, 4(1), 56-63.
- Ojose, B. (2008). Applying Piaget's theory of cognitive development to mathematics instruction. *The Mathematics Educator*, 18(1).
- Paro, K. M. L., Hamre, B. K., Locasale-Crouch, J., Pianta, R. C., Bryant, D., Early, D., . . . Burchinal, M. (2009). Quality in Kindergarten Classrooms: Observational Evidence for the Need to Increase Children's Learning Opportunities in Early Education Classrooms. *Early Education and Development*, 20(4), 657-692. doi: 10.1080/10409280802541965
- Penn, H. (2005). *Understanding Early Childhood: Issues and Controversies*. Berkshire: Open University Press.
- Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 137 Tahun 2014 tentang Standar Nasional Pendidikan Anak Usia Dini*. (2014). Jakarta.
- Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 146 Tahun 2014 tentang Kurikulum 2013 Pendidikan Anak Usia Dini*. (2014). Jakarta.
- Pol, J. v. d., Volman, M., Oort, F., & Beishuizen, J. (2015). The Effects of Scaffolding in The Classroom: Support Contingency and Student Independent Working Time in Relation to Student Achievement, Task Effort and Appreciation of Support. *Instr Sci*, 43, 615-641. doi: 10.1007/s11251-015-9351-z
- Pollard, A. (2001). Towards A New Perspective on Children's Learning. In J. Collins, K. Insley, & J. Soles (Eds.), *Developing Pedagogy* (pp. 4-10). London: Paul Chapman Publishing.
- Pomerantz, E. M., Moorman, E. A., & Litwack, S. D. (2007). The How, Whom, and Why of Parents' Involvement in Children's Academic Lives: More Is Not Always Better. *Review of educational research*, 77(3), 373-410. doi: 10.3102/003465430305567
- Porter, L. (2008). *Teacher-Parent Collaboration : Early Childhood to Adolescence*. Camberwell: Acer Press.
- Pound, L. (2008). *Thinking and Learning About Maths in The Early Years* (1st ed.). London and New York: Routledge.

- Pratiwi, E. (2015). *Pembelajaran Calistung bagi Anak Usia Dini antara Manfaat Akademik dan Resiko Menghambat Kecerdasan Mental Anak*. Paper presented at the Seminar Nasional Pendidikan “Inovasi Pembelajaran untuk Pendidikan Berkemajuan”, Ponorogo.
- Prianto, P. L. (2011). *Kesiapan Anak Bersekolah*. Jakarta: Direktorat Pembinaan Pendidikan Anak Usia Dini Direktorat Jenderal Pendidikan Anak Usia Dini Nonformal dan Informal Kementerian Pendidikan dan Kebudayaan.
- Purjiningrum, A., Wahyuningsih, S., & Rukayah. (2015). Meningkatkan Pengenalan Konsep Penjumlahan dan Pengurangan 1-5 melalui Pembelajaran Contextual Teaching and Learning pada Kelompok A PAUD Permata Bunda Tahun Ajaran 2014/2015. *KUMARA CENDEKIA*, 3(3).
- Putri, I. L. (2014). Upaya Meningkatkan Kemampuan Berhitung Permulaan Menggunakan Strategi Bermain Stick Angka di PAUD. *BELIA*, 2(2).
- Putri, N., Hamid, S. I., & Silawati, E. (2016). Meningkatkan Kemampuan Berhitung Anak Usia Dini melalui Permainan Kartu Angka Modifikatif. *Jurnal PGPAUD Kampus Cibiru*, 3(3).
- Rachmat, N. A., & Sumiati, T. (2016). Peningkatan Kemampuan Mengenal Bentuk Geometri Pada Anak Usia Dini melalui Permainan Mencari Harta Karun. *Metodik Didaktik*, 11(1).
- Radford, L. (2011). Book Review: Classroom Interaction: Why is it Good, Really? Baruch Schwarz, Tommy Dreyfus and Rina Hershkowitz (Eds.) (2009) Transformation of knowledge through classroom interaction. *Educational Studies in Mathematics*, 76(1), 101-115. doi: 10.1007/s10649-010-9271-4
- Rahayu, K. (2016). Identifikasi Kemampuan Anak TK Kelompok B Di Kelurahan Ringinharjo Kecamatan Bantul Kabupaten Bantul. *Jurnal Pendidikan Guru PAUD S-1*, 5(7), 699-713.
- Ramos-Christian, V., Schleser, R., & Varn, M. E. (2008). Math Fluency: Accuracy Versus Speed in Preoperational and Concrete Operational First and Second Grade Children. *Early Childhood Education Journal*, 35(6), 543-549. doi: 10.1007/s10643-008-0234-7
- Rastini, N. M. S., Putra, I. K. A., & Negara, I. G. A. O. (2014). Penerapan Pendekatan Pembelajaran *Contextual Teaching and Learning* (CTL) Bernuansa PAKEM Untuk Meningkatkan Perkembangan Kognitif Anak Kelompok B TK Tunas Mulya. *Jurnal Pendidikan Anak Usia Dini*, 2(1).
- Remillard, J. T. (1999). Curriculum Materials in Mathematics Education Reform: A Framework for Examining Teachers' Curriculum Development. *Curriculum Inquiry*, 29(3), 315-342.

- Renshaw, P. (1992). *The sociocultural theory of teaching and learning: Implications for the curriculum in the Australian context*. Paper presented at the Annual Conference of the Australian Association for Research in Education, Deakin University, Geelong, Victoria, November.
- Renshaw, P. (1996). A Sociocultural View of The Mathematics Education of Young Children. In H. M. Mansfield, N. A. Pateman, & N. Bednarz (Eds.), *Mathematics for tomorrow's young children* (pp. 59-78). Dordrecht: Springer.
- Reys, R. E., Lindquist, M., Lambdin, D. V., & Smith, N. L. (2014). *Helping children learn mathematics*. San Francisco: John Wiley & Sons.
- Rowley, J. (2002). Using case studies in research. *Management research news*, 25(1), 16-27.
- Rozi, N. (2012). Peningkatan Kecerdasan Logika Matematika Anak melalui Permainan Berhitung Menggunakan Papan Telur di TK Aisyiyah 7 Duri. *Jurnal Pesona PAUD*, 1(1).
- Rudd, L. C., Lambert, M. C., Satterwhite, M., & Zaier, A. (2008). Mathematical Language in Early Childhood Settings: What Really Counts? *Early Childhood Education Journal*, 36(1), 75-80. doi: 10.1007/s10643-008-0246-3
- Ruseffendi, E. T. (2006). *Pengantar Kepada Membantu Guru mengembangkan Kompetensinya dalam Pengajaran Matematika untuk Meningkatkan CBSA: Perkembangan Kompetensi Guru* (3rd ed.). Bandung: Tarsito.
- Rushton, S., & Larkin, E. (2001). Shaping the Learning Environment: Connecting Developmentally Appropriate Practices to Brain Research. *Early Childhood Education Journal*, 29(1). doi: 1082-3301/01/0900-0025\$19.50/0
- Rutunkahu, J. T., & Kandou, S. (2014). *Pembelajaran Matematika bagi Anak Berkesulitan Belajar* (R. KR Ed. Vol. 1). Yogyakarta: Ar-ruz Media.
- Ryan, J., & Williams, J. (2007). *Children's Mathematics 4-15 Learning from Errors and Misconceptions*. New York: Open University Press.
- Ryoo, J. H., Molfese, V. J., Heaton, R., Zhou, X., Brown, E. T., Prokasky, A., & Davis, E. (2014). Early Mathematics Skills From Prekindergarten to First Grade: Score Changes and Ability Group Differences in Kentucky, Nebraska, and Shanghai Samples. *Journal of Advanced Academics*, 25(3), 27. doi: 10.1177/1932202X14538975
- Safitri, M. (2013). Pengaruh Belajar Calistung (Membaca, Menulis, Berhitung) di Usia Dini. Saturday, 5 January 2013. Retrieved 30 October, 2015, from <https://www.ibudanbalita.com/diskusi/Pengaruh-Belajar-CALISTUNG-membaca-menulis-berhitung-di-usia-dini>

- Sari, D. A., Yuniarti, Y., & Yanthi, N. (2015). Meningkatkan Kemampuan Matematis Anak Dalam Konsep Penjumlahan melalui Bermain *Make A Match*. *Jurnal PGPAUD Kampus Cibiru*, 3(3).
- Seo, K.-H., & Ginsburg, H. P. (2004). What is Developmentally Appropriate in Early Childhood Mathematics Education? Lesson from New Research. In D. H. Clementes, J. Sarama, & A.-M. DiBiase (Eds.), *Engaging Young Children in Mathematics Standards for Early Childhood Mathematics Education* (pp. 91-104). New Jersey; London: Lawrence Erlbaum Associates.
- Shahrill, M., & Clarke, D. J. (2014). Brunei Teachers' Perspectives on Questioning: Investigating the Opportunities to "Talk" in Mathematics Lessons. *International Education Studies*, 7(7), 1-18. doi: 10.5539/ies.v7n7p1
- Siegel, M., & Borasi, R. (1994). Demystifying Mathematics Education Through Inquiry. In P. Ernest (Ed.), *Constructing Mathematical Knowledge: Epistemology and Mathematics Education. Studies in Mathematics Education* (pp. 201-214). London, Washington DC: The Falmer Press.
- Singh, Y. K. (2006). *Fundamental of research methodology and statistics*: New Age International.
- Siswono, T. Y. E. (2012). Belajar dan Mengajar Matematika Anak Usia Dini. (*serial on line*).  
[http://www.academia.edu/4069396/Belajar\\_dan\\_Mengajar\\_Matematika\\_Anak\\_Usia\\_Dini](http://www.academia.edu/4069396/Belajar_dan_Mengajar_Matematika_Anak_Usia_Dini) [08 Juli 2015].
- Siswono, T. Y. E., Kohar, A. W., Kurniasari, I., & Astuti, Y. P. (2016). An Investigation of Secondary Teachers' Understanding and Belief on Mathematical Problem Solving. *Journal of Physics: Conference Series*, 693(1), 012015.
- Siyepu, S. (2013). The zone of proximal development in the learning of mathematics. *South African Journal of Education*, 33(2), 1-13.
- Smith, A. B. (1996). The Early Childhood Curriculum from a Sociocultural Perspective. *Early Child Development and Care*, 115(1), 51-64. doi: 10.1080/0300443961150105
- Smith, S., Robbins, T., Stagman, S., & Mahur, D. (2013). Parent engagement from preschool through grade 3: A guide or policymakers. New York: National Center for Children in Poverty.
- Sonnabend, T. (2009). *Mathematics for teachers: An interactive approach for grades K-8*: Cengage Learning.

- Sriningsih, N. (2009). *Pembelajaran Matematika Terpadu untuk Anak Usia Dini*. Bandung: Pustaka Sebelas.
- Steffe, L. P. (1996). Social-Cultural Approaches in Early Childhood Mathematics Education: A Discussion. In H. Mansfield, N. A. Pateman, & N. Bednarz (Eds.), *Mathematics for Tomorrow's Young Children* (pp. 79-99). Dordrecht: Springer Netherlands.
- Steffe, L. P., & Tzur, R. (1994). Interaction and Children's Mathematics. In P. Ernest (Ed.), *Constructing Mathematical Knowledge: Epistemology and Mathematics Education* (pp. 7-32). London; Washington DC: The Falmer Press.
- Stender, P., & Kaiser, G. (2015). Scaffolding in complex modelling situations. *ZDM*, 47(7), 1255-1267. doi: 10.1007/s11858-015-0741-0
- Stremmel, A. J. (1993). Implications of Vygotsky's sociocultural theory for child and youth care practice. *Child and Youth Care Forum*, 22(5), 333-335. doi: 10.1007/bf00760942
- Suminah, E., Nugraha, A., Lestari, G. D., & Wahyuni, M. (2015). *Kurikulum Pendidikan Anak Usia Dini Apa, Mengapa, dan Bagaimana* (M. A. Ella Yulaelawati, Ph.D. & M. P. Dra. Kurniati Restuningsih Eds.). Jakarta: Direktorat Pembinaan Pendidikan Anak Usia Dini Direktorat Jenderal Pendidikan Anak Usia Dini dan Pendidikan Masyarakat Kementerian Pendidikan dan Kebudayaan.
- Suminah, E., Nugraha, A., Yusuf, F., & Puspita, W. A. (2015). *Kerangka Dasar dan Struktur Kurikulum 2013 Pendidikan Anak Usia Dini* (E. Yulaelawati & K. Restuningsih Eds.). Jakarta: Direktorat Pembinaan Pendidikan Anak Usia Dini Direktorat Jenderal Pendidikan Anak Usia Dini dan Pendidikan Masyarakat Kementerian Pendidikan dan Kebudayaan.
- . *Surat Edaran Nomor: 1839/C.C2/TU/2009 tentang Penyelenggaraan Pendidikan Taman Kanak-Kanak dan Penerimaan Siswa Baru Sekolah Dasar*. (2009). Jakarta: Departemen Pendidikan Nasional.
- . *Surat Edaran Nomor: 2519/C.C2.1/DU/2015 Tentang Penyelenggaraan Pendidikan Anak Usia Dini*. (2015). Jakarta: Kementerian Pendidikan dan Kebudayaan
- Suryadi, D. (2014). Sinergi untuk Kemandirian Pendidik. In D. Suryadi & T. Suratno (Eds.), *Kemandirian Pendidik Kisah Pendidik Reflektif dan Profesional Pembelajaran*. Bandung: Sekolah Pasasarjana Universitas Pendidikan Indonesia.
- Turuk, M. C. (2008). The relevance and implications of Vygotsky's sociocultural theory in the second language classroom. *Arecls*, 5, 244-262.

- Utari, R. (2010). Tantangan Kemitraan Orangtua, Sekolah, dan Masyarakat. *JURNAL MANAJEMEN PENDIDIKAN*, 6(2).
- van Oers, B. (2014). The Roots of Mathematizing in Young Children's Play. In U. K. e. al. (Ed.), *Early Mathematics Learning* (pp. 111-124). New York: Springer Science+Business Media.
- Varol, F., & Farran, D. C. (2006). Early Mathematical Growth: How to Support Young Children's Mathematical Development. *Early Childhood Education Journal*, 33(6), 381-387. doi: 10.1007/s10643-006-0060-8
- Vengopal, K. (2014). Blooming Flowers: A Case for Developmentally Appropriate Practice. *journal of early childhood research*, 1(11). doi: 10.1177/1476718X14538597
- Vygotsky, L. S. (1978). *Mind in Society: The Development of Higher Psychological Processes* (M. Cole, V. John-Steiner, S. Scribner, & E. Souberman Eds.). Cambridge and London: Harvard University Press.
- Wager, A. A. (2013). Practices that Support Mathematics Learning in a Play-Based Classroom. In L. D. English & J. T. Mulligan (Eds.), *Reconceptualizing Early Mathematics Learning* (pp. 163-181). Dordrecht: Springer.
- Walkerdine, V. (1993). Beyond Developmentalism? *Theory & Psychology*, 3(4), 451-469. doi: doi:10.1177/0959354393034004
- Walsh, G., Sproule, L., McGuinness, C., Trew, K., & Ingram, G. (2010). Developmentally appropriate practice and play-based pedagogy in early years education A literature review of research and practice. *Rewarding Learning*.
- Waluyo, E., & Formen, A. (2015). Parents and Teachers 'Voices of Quality Preschool: Preliminary findings from Indonesia. *Asia Pacific Journal of Multidisciplinary Research*, 3(4), 1-9.
- Warin, J. (2011). Ethical Mindfulness and Reflexivity: Managing a Research Relationship With Children and Young People in a 14-Year Qualitative Longitudinal Research (QLR) Study. *Qualitative inquiry*, 17(9), 805-814. doi: 10.1177/1077800411423196
- Watt, D. (2007). On Becoming a Qualitative Researcher: The Value of Reflexivity. *Qualitative Report*, 12(1), 82-101.
- Winayati, I. Z., Astuti, I., & Yuniarni, D. (2015). Upaya Meningkatkan Pemahaman Geometri melalui Alat Permainan Edukatif Balok pada Anak Usia 4-5 Tahun. *Jurnal Pendidikan dan Pembelajaran*, 4(9).
- Windschitl, M. (2002). Framing Constructivism in Practice as the Negotiation of Dilemmas: An Analysis of the Conceptual, Pedagogical, Cultural, and



- Political Challenges Facing Teachers. *Review of educational research*, 72(2), 131-175. doi: 10.3102/00346543072002131
- Woodside, A. G. (2010). *Case study research: Theory, methods and practice: Theory, methods, practice*. UK: Emerald Group Publishing.
- Wortham, S. C. (2006). *Early Childhood Curriculum: Developmental Bases for learning and Teaching* (J. Peters Ed.). New Jersey: Pearson Merrill Prentice Hall.
- Wulandari, P. D., Wirya, N., & Tirtayani, L. A. (2014). Penerapan Numbered Head Together Berbantuan Media Kartu Angka untuk Meningkatkan Kemampuan Mengenal Lambang Bilangan. *Jurnal Pendidikan Anak Usia Dini*, 2(1).
- Yang, O. S. (2000). Guiding Children's Verbal Plan and Evaluation During Free Play: An Application of Vygotsky's Genetic Epistemology to the Early Childhood Classroom. *Early Childhood Education Journal*, 28(1), 3-10. doi: 10.1023/a:1009587218204
- Yatini, T., Ali, M., & Yuniarni, D. (2013). Peningkatan Kemampuan Berhitung Permulaan dengan Menggunakan Media Gambar Pada Anak Usia 5-6 Tahun. *Jurnal Pendidikan dan Pembelajaran*, 2(12).
- Yin, R. K. (2014). *Studi Kasus Desain dan Metode* (M. D. Mudzakir, Trans. 1 ed.). Jakarta: Rajagrafindo Persada.
- Yun, H. S., & Ah, S. H. (2015). The Effects of Early Childhood Teachers' Pedagogical Content Knowledge in Mathematics, Attitude towards Mathematics and Mathematics Teaching Efficacy on their Problem-solving Ability. *Advanced Science and Technology Letters*, 115, 38-42. doi: 10.14257/astl.2015.115.08
- Yuwanto, E. (2010, Sunday, 18 July 2010, 21:57 WIB). Balita Diajarkan Calistung, Saat SD Potensi Terkena 'Mental Hectic'. Sunday, 18 July 2010. Retrieved 30 October, 2015, from <http://www.republika.co.id/berita/pendidikan/berita/10/07/18/125274-balita-diajarkan-calistung-saat-sd-potensi-terkena-mental-hectic->
- Zhang, Y. (2008). Classroom Discourse and Student Learning. *Asian Social Science*, 4(9), 80-84.