

DAFTAR PUSTAKA

- Afandi M., Evi Chamalah, Oktarina P. (2013). *Model dan pembelajaran disekolah*. Semarang : Unissula Press
- Alice Nieuwboera, Lynn Rochesterb, Liesbeth Muncksa, Stephan P. Swinnenc. (2010). *Motor learning in Parkinson's disease: limitations and potential for rehabilitation*. Vol. 15 [doi.org/10.1016/S1353-8020\(09\)70781-3](https://doi.org/10.1016/S1353-8020(09)70781-3)
- Anmarkrud, Oistein, et.al. (2019). *Cognitive Load and Working Memory in Multimedia Learning: Conceptual and Measurement Issues*. V54 N2 P61-83.0046-1520.eric.ed.gov/ EJ1216033
- Arsyad, A. (2014). *Media Pembelajaran*. Jakarta: Rajawali Pers.
- Arsyad, A. (2017). *Media Pembelajaran*. Jakarta: PT Raja Grafindo.
- Bakare Jimoh & Orji Chibueze T. (2018). *Effects of reciprocal peer tutoring and direct learning environment on sophomores academic achievement in electronic and computer fundamentals: springer science+ Business Media, LLC* DOI : 10.1007/s10639-018-9808-1
- Behmer Philomena M. (2019). *Moving to Learn: A Meditative Yoga Approach to Teaching and Learning Anatomy and Physiology in Multiple Context*. DOI: 10.1002/ace.2031
- Biggs, B. K., Nelson, T. D., & Vernberg, E. M. (2008). *Effects of Participation in a Martial Arts-Based Antibullying Program in Elementary Schools*.
- Bookhagen, A. D., Wegenast, D. P., & McCowan, R. J. (2002). *Multimedia Interactive Training Development Journey: Discovering Social Services CD-ROM*. 20(3/4), 334.
- Borg, W., & Gall, M. (2007). *Educational Research, An Introduction*. New Yor: Longman.
- Burns, R. D., Fu, Y., Fang, Y., Hannon, J. C., & Brusseau, T. A. (2017). *Effect of a 12-Week Physical Activity Program on Gross Motor Skills in Children*. 00315125, 124(6), 1121-1122.
- Carlig Cristian, Leuciuc Florin. (2017). *The Contribution Of Track And Field Applicative Activities To The Improvement Of Motor Capacity For Middle School Students During The Phisycal Education Class*. Vol.2 issue , doaj.org/article/30603bb446824aaee977b923
- Colasante Meg, Lang Josephine. (2012). *Can A Media Annotation Tool Enhance Online Engagement With Learning?*. Pp.455464 <https://researchbank.rmit.edu.abbudi>
- Decaprio, R. (2013). *Aplikasi Teori Pembelajaran Motorik di Sekolah*. Jogjakarta: Diva

Press.

Dick Walter, L. C. (2009). *The systematic design of instruction*. Ohio: Person New Jersey Columbus.

Djaali, & Muljono, P. (2008). *Pengukuran dalam Bidang Pendidikan*. Jakarta: PT. Gramedia.

Djamas, Djusmaini et.al. (2018). *Development of Interactive Multimedia Learning Materials for Improving Critical Thinking Skills*. v14 n4 Article 5 p66-84. "https://eric.ed.gov/" [eric.ed.gov / EJ1189584](https://eric.ed.gov/EJ1189584)

Dliss F. et. al (2020). *Motor Learning Dalam Olahraga*. Malang : CV. Nakomu

Ellis Robert A and BliucAna-Marie. *Exploring new elements of the student approaches to learning framework: The role of online learning technologies in student learnin*. v20 n1 p11 <http://dx.doi.org/10.1177/1469787417721384>

Facal, G. (2016). *Keyakinan & Kekuatan Seni Bela Diri Silat Banten*. Jakarta: Yayasan Pustaka Obor Indonesia.

Gay, M. d. (2012). *Metodologi Peneltiian Pendidikan: Kuantitatif & Kualitatif*. Dalam Emzir. Jakarta: Rajagrafindo Persada.

Gibson, T. H. (2015). *Martial arts techniques Pencak silat*. Issn:02773066, 53(2), 53. Goksu Meral Metin and Somen Tugba. (2018). *Opinions of Social Studies Prospective*

Teachers on Out-of-School Learning. Volume 7, Issue 4, 745 - 752. [eric.ed.gov/ EJ1193401](https://eric.ed.gov/EJ1193401)

Groot, G. F. (2006). *Pencak Silat*. Bandung: PT Granesia Bandung.

Hake, R. R. (199). *Analyzing Change/Gain Score*. AREA-D American Education Research association Devision, Measurement and Reseaech Methodolog.

Hamidi, F., Kharamideh, Z. M., & Ghorbandordinejad, F. (2011). *Comparison of the training effects of interactive multimedia (CDs) and non-interactive media (films) on increasing learning speed, accuracy and memorization in biological science course*. *Procedia Computer Science*, 3, 144–148. <https://doi.org/10.1016/j.procs.2010.12.025>

Hariyanto, D., & Akhmadi, H. (2011). *Mengenal Sepintas Perguruan Seni Belafiri Tapak Suci*. Jakarta: Golden Terayon Perss.

Hasil MUNAS XII IPSI. (2007). *Peraturan Pertandingan Pencak Silat (Hasil MUNAS XII IPSI Tahun 2007)*.

- Hooper, K., & Palmer, L. (2011). *The Nifty Factor Never Trumps Instructional and Information Design Principles. The Blizzard of New Technology Tools, Toys, and Wonders Must Attend to Timeworn Basics*, 3(3), 25-36.
- Johansyah Lubis & Hendro Wardoyo. (2014). *Pencak Silat*. Jakarta: Raja Grafindo.
- Jurus, L. W. (2009). Jazz Riffs and the constitution of a National Martial Art in Indonesia, Centre for Research in the Arts. *Social Sciences and Humanities at the University of Cambridge*. /doi/10.1177/1357034X09339103
- Kamp, J. v., Duivenvoorden, J., Kok, M., & Hilvoord, I. v. (2015). *Motor Skill Learning in Groups: Some Proposals for Applying Implicit Learning and Self- Controlled Feedback*. 11(39), 33-34.
- Kartomi, M. (2011). *Traditional and Modern Forms of Pencak Silat in Indonesia: The Suku Mamak in Riau*. 33(1), 47-68.
- Kerlinger, F. N. (2013). *Asas-asas Penelitian Behavioral*. Yogyakarta: Gadjah Mada University Press.
- Kerr, A. (2013). *The Role Of Strength And Conditioning In Training Programmes For Young Athletes*. 8-11.
- Khayat Majed M, AL-, Mosa A. AL-Hrout & Mized A. Hyassat. (2017). *Academically Gifted Undergraduate Students: Their Preferred Teaching Strategies*. doi:10.5539/ies.v10n7p155
- Kokstejn, J., Musalek, M., Stastny, P., & Golas, A. (2017). *Fundamental motor skills of Czech children at the end of the preschool period*. 23364912, 47(4), 193.
- Koumi, J. (2006). *Designing Vidio and Multimedia For Open And Flexible Learning*. Canada: Routledge.
- Kriswanto, E. S. (2015). *Pencak Silat*. Yogyakarta: Pustaka Baru Press.
- Kumalasari kokom, rahmat. (2019). *Living Values Based Interactive Multimedia in Civic Education Learning*. Vol.12, No.1. eric.ed.gov/ EJ1202152
- Kumar Ranjit. (2014). *Research Methodology*. British Library cataloguing in publication data.
- Kirikçilar, R. G., & Yildiz, A. (2018). *Technological Pedagogical Content Knowledge (Tpack) Craft: Utilization of the TPACK when Designing the Geogebra Activities*. Acta Didactica Napocensia, 11(1), 101–116. <https://doi.org/10.24193/adn.11.1.8>
- Lahwal Fathia And Ajlan Ajlan S. Al, et al. (2018). *A Proposed Framework Between Internal, External And Pedagogy Dimensions In Adoption Of Interactive Multimedia E-Learning*. Issn 1302-6488 Volume: 17 Number: 4 Article 11. Eric.Ed.Gov/ Ej1117059

- Latash, M. L., & Lestienne, F. (2006). *Motor Control And Learning*. USA: Springer Science+Business Media, Inc.
- Latiff, Z. A. (2012). Revisiting Pencak Silat: *The Malay Martial Arts in Theatre Practice and Actor Training*. *Asian Theatre Journal*.
<https://doi.org/DOI:10.1353/atj.2012.0037>
- Lee, Yeung Chung. (2018). *When Technology, Science and Culture Meet: Insights from Ancient Chinese Technology*. V13 n2 p485-515, eric.ed.gov/EJ1182443
- Leiber, Theodor. (2019). *A General Theory of Learning and Teaching and a Related Comprehensive Set of Performance Indicators for Higher Education Institutions*. v25 n1 p76-97 2019, eric.ed.gov/ EJ1217362
- Lesmana, F. (2012). *Panduan Pencak Silat Kategori Tanding*. Pekanbaru: Zafana Publishing.
- LLC ProQuest, Dissertation Ed.D. et.al. (2017). *University Research Development Offices: Perceptions and Experiences of Research University Administrators*. eric.ed.gov/ED586643
- Lubis, J., & Wardoyo, H. (2014). *Pencak Silat*. Jakarta: PT. Raja Grafindo Persada.
- M.S. Sharon Wynne. (2008). *Physical Education Teacher Certification Exam*. Printed in the United States of America.
- Markovic, Sta, Zorica, & Spasenovic. (2007). *Changes In The School System. New Media And Learning, 1*, 160-166.
- Meegahapola Lasantha Gunaruwan. (2019) *Dynamic Learner-Assisted Interactive Learning Tools for Power Systems Engineering Courses*. v62 n2 p149-156.
<http://dx.doi.org/10.1109/TE.2018.2889621>
- Miftari Florian, Salihu Hazir, et.al, (2018). *Presentation of valid correlations in some morphological variables and basic and specific motor skills in young people aged 13-14 years engaged in basketball*. v8 n5 p95-101 2018. eric.ed.gov/ ED583081
- Mulyana. (2013). *Pendidikan Pencak Silat*. Bandung: Rosda.
- Musfiqon, H. (2012). *Pengembangan Media dan Sumber Pembelajaran*. Jakarta: PT. Prestasi Pustakaraya.
- Mustafa, S., Sari, V., & Baharullah. (2018) *The Implementation of Mathematical Problem-Based Learning Model as an Effort to Understand the high school students Mathematical thinking ability*. *International Education* Vol.12, No.2. DOI : 10.5539/ies.v12n2p117
- Mutlu Duygu And Bayraktar. (2019). *Change Blindness in Multimedia Learning Environment*. v28 n1 p75-97. eric.ed.gov/ EJ1204212

- Nadrah, Ismail Tolla, Muhammad Sidin Ali & Muris. (2017). *The Effect of Cooperative Learning Model of Teams Games Tournament (TGT) and Students' Motivation toward Physics Learning Outcome*. Vol. 10, No.2. doi:10.5539/ies.v10n2p123
- Nasution, F. H., & Dkk. (2017). *Buku Pintar Pencak Silat*. Jakarta: Anugrah.
- Nawzad Lezwan & Dana Rahim, et.al. (2018). *The Effectiveness of Technology for Improving the Teaching of Natural Science Subjects*. DOI: <http://dx.doi.org/10.15294/ijcets.v3i1.8675>
- Nazir, M. (2014). *Metode Penelitian*. Bogor: Ghalia Indonesia.
- Nelson, S. & S. (2018). *Pengembangan Model Pembelajaran Teknik Dasar Pencak Silat Berbasis Multimedia Fakultas Ilmu Keolahragaan Universitas Negeri Padang*. *Jurnal Stamina*, 1, 474–481. Retrieved from stamina.ppj.unp.ac.id
- Nguyen, Phong Thanh & Huynh, V.D.B. & Nguyen, Quyen. (2020). *E-Learning Evolution and Development from the Perspectives of Technology, Education, and Economy*. 10. 01-10.
- Nusir, S., Alsmadi, I., Al-Kabi, M., & Sharadgah, F. (2012). *Studying the impact of using multimedia interactive programs at children ability to learn basic math skills*. 5(2), 17-31.
- Okumus Seda. et, al. (2019). *Determining the effect of cooperative learning and models on the conceptual understanding of the chemical reaction*. Vol. 14 Issue. 1949-42893
- Palmer Leah E. Robinson and Kara K, Irwin Jacqueline M. (2015). *The Use of Multimedia Demonstration on the Test of Gross Motor Development– Second Edition: Performance and Participant Preference*. *Journal of Motor Learning and Development*, 3, 110 -122. <http://dx.doi.org/10.1123/jmld.2014-0064>
- Parker, Melissa, et.al. (2019). *'Drawing' Conclusions: Irish Primary School Children's Understanding of Physical Education and Physical Activity Opportunities outside of School*. v24 n4 p449-466 Nov 2018, eric.ed.gov/EJ1192692
- Pica Rae. (2014). *Early elementary children moving and learning : a physical education curriculum*. Library of Congress Cataloging-in-Publication Data
- Preuss Michael, Eck Kimberly, et.al. (2018). *Describing Research Development: A First Step*. v23 n1 2018, ISSN- 1068-4867. "<https://eric.ed.gov/>" [eric.ed.gov _ . EJ1215447](http://eric.ed.gov/EJ1215447)
- Pribadi, B. A. (2009). *Model Desain sistem pembelajaran*. Jakarta: Dian Rakyat.
- Punaji, S. (2012). *Metode Penelitian Pendidikan dan Penegmbangan*. Jakarta: Kencana Prenada Media Group.

- Putra, N. (2011). *Research & Development Penelitian dan Pengembangan: Suatu Pengantar*. Jakarta: Rajawali Pers.
- R Samuel, Hodge. (2014). *African American Male Students in PreK-12 Schools: Informing Research, Policy, and Practice*. Vol. 2 pp. 107-124. doi.org/10.1108/S2051 231720140000002032
- Rahmanto Yuri and Utama Recxy Yuda. (2018). *Penerapan Teknologi Web3d Berbasis Android Sebagai Media Pembelajaran Gerakan Dasar Silat*. Vol. 9 No. 1. "https://doaj.org/article/86458d0cc45547ed8b93fa92f99f4f9e"
- Raiola & Gaetano, et.al. (2015). *Teaching method of physical education and sports by prescriptive or heuristic learning*. vol. 10, núm. 1, 2015, pp. S377-S384. Journal of Human Sport and Exercise
- Ranjeet Prachee Sehgal, Nambudiri, et.al. (2017). *Teacher effectiveness through Self-Efficacy, Collaboration and Principal Leadership*. Vol. 31 Iss 4 pp. doi.org/10.1108/IJEM-05-2016-0090
- Richey, R. C. (2011). *The Instructional Design Knowledge Base*. New York: Routledge.
- Ried, C. D. (2014). *Star Of Pencak Silat*. 52(5), 50.
- Riyadi muhamad bram & Sugiyanto, et.al. (2017). *Physical Education As A Medium To Mentally Retarded Students' Self Developments*. Volume 3 Issue 2. doi: 10.5281/zenodo.376855
- Runesson Ulla. (2015). *Guest Editorial Pedagogical and learning theories and the improvement and development of lesson and learning studies*. Vol. 4 No. 3, pp. 186-193. dx.doi.org/10.1108/IJLLS-09-2014-0034
- Rusman, R. (2013). *Belajar Dan Pembelajaran Berbasis Computer*. Bandung: Alfabeta.
- Rusman. (2011). *Model- Model Pembelajaran, Mengembangkan Profesionalisme Guru*. Jakarta: PT. Raja Grafindo.
- Rusman. (2013). *Model-model Pembelajaran*. Jakarta: PT. Raja Grafindo Persada.
- Russell Jared, Gaudreault Karen Lux & K. Andrew R. Richards. (2016). DOI: 10.1080/00336297.2016.1234963
- Sampson James P and Jr, Yowell Emily Bullock, et.al. (2017). *Integrating Theory, Research, and Practice in Vocational Psychology: Current Status and Future Directions*. <https://doi.org/10.17125/svp2016>
- Sanjaya, W. (2011). *Strategi Pembelajaran: Berorientasi Standar Proses Pendidikan*. Jakarta: Kencana Predena Media.
- Senturk Cihad, Zeybek Glucin. (2019). *Teaching-Learning Conceptions And Pedagogical Competence Perceptions Of Teachers: A Correlational Research*. Vol.9, No.1, Pp. 65-80. Eric.Ed.Gov/ Ej1221647

- Setiawan, R. (2017). *The Influence of Income, Experience, and Academic Qualification on the Early Childhood Education Teachers' Creativity in Semarang, Indonesia*. 10(4), 39-50.
- Silva, A. Z., Pereira, F. L., Mincewicz, G., & Arauj, L. B. (2017). *Psychomotor Intervention To Stimulate Motor Development In 8-10-Year-Old Schoolchildren*. 14158426, 19(2), 150.
- Smaldino, S., Lowther, D., & Russel, J. (2008). *Instructional Technology & Media For Learning Teknologi Pembelajaran dan Media untuk belajar*. New Jersey: Pearson Prentice Hall.
- Spalva Rita. (2016). *Improvement of Dance Composition Skills During the Study Process in the Perspective of the Newest Motor Learning Models*. Journal of Research in Pedagogy and Psychology. DOI [10.1515/sigtem-2016-0017](https://doi.org/10.1515/sigtem-2016-0017)
- Lee, S., Kim, D., & Chae, S.-M. (2019). Self-directed learning and professional values of nursing students. *Nurse Education in Practice*, 102647. doi:10.1016/j.nepr.2019.102647
- Ridwan Sudirman, Asmawi Moch., Hanif A. Sofyan, Dlis Firmansyah, Saputra Surya Adi. *The Effect of Training Methods and Leg Muscle Power Explosion Toward Kicking Skills in Pencak Silat*. Journal of Education, Health and Sport. Vol. 9. No.8 doi.org/10.5281/zenodo.3382159
- Sugiyanto. (2007). *Perkembangan Dan Belajar Motorik*. Jakarta: Mendikbud. Sukardi. (2011). *Metodologi Penelitian Pendidikan*. Jakarta: Bumi Aksara.
- Sugiyono. (2015). *Metode Penelitian Kuantitatif, Kauntitatif dan R&D*. Bandung : Alfabeta.
- Sugiyono. (2016). *Metode Penelitian Kuantitatif, Kauntitatif dan R&D*. Bandung : Alfabeta.
- Suparman, M. A. (2014). *Desain Insturksional Modern*. Jakarta: Erlangga.
- Suparmnan, M. A. (2014). *Teknologi Pendidikan dalam pendidikan jarak jauh*. Tangerang Selatan: Universitas Terbuka.
- Syadiah, S., Wan, N., Bakar, N. F., Mokhairi, M., Azilawati, & Norhafizi. (2016). *A Framework For Designing Mobile Quranic Memorization Tool Using Multimedia Interactive Learning Method For Children*. 92(1), 20-27.
- Tangkudung J. & Puspitorini W. (2012). *Kepelatihan Olahraga "Pembinaan Prestasi Olahraga"*. Jakarta : Cerdas Jaya
- Tapung, Marianus, et.al. (2018). *Improving Students' Critical Thinking Skills in Controlling Social Problems through the Development of the Emancipatory*

Learning Model for Junior High School Social Studies in Manggarai. v9 n3 p162-176 2018, "https://eric.ed.gov/" eric.ed.gov /EJ1190215.

Taylor Jordan A. & Ivry Richard B. (2015). *The role of strategies in motor learning.* doi: [10.1111/j.1749-6632.2011.06430.x](https://doi.org/10.1111/j.1749-6632.2011.06430.x)

Tri, K., Utama, P., Jampel, I. N., & Pudjawan, K. (2016). *Pengembangan Media Video Pembelajaran Pencak Silat Pada Mata Pelajaran Penjaskes Kelas Viii Semester Genap Di Smp Negeri 1 Seririt Tahun Pelajaran 2015 / 2016 Jurusan Teknologi Pendidikan.*

Trianto. (2007). *Model Pembelajaran Terpadu dalam Teori dan Praktek.* Dalam *Model Pembelajaran Terpadu dalam Teori dan Praktek.* Surabaya: Pustaka Ilmu.

Trianto. (2012). *Mendesain Model Pembelajaran Inovatif Progresif.* Jakarta: Kencana.

Uerz Dana & Monique Volman. (2018). *Teacher educators' competences in fostering student teachers' proficiency in teaching and learning with technology: An overview of relevant research literature.* Vol. 70 doi.org/10.1016/j.tate.2017.11.005

Vetter Philipp, Roland S. Johansson, and Daniel M. Wolpert. (2013). *Prediction Precedes Control in Motor Learning.* Vol. 13, 146–150. [doi.org/10.1016/S0960-9822\(03\)00007-1](https://doi.org/10.1016/S0960-9822(03)00007-1)

Wati, E. R. (2016). *Ragam Media Pembelajaran.* Kata Pena.

Wiana, W., Barliana, & Riyanto. (2018). *The Effectiveness of Using Interactive Multimedia Based on Motion Graphic in Concept Mastering Enhancement and Fashion Designing Skill in Digital Format.* 13(2), 4-20.

Widiastuti. (2019). *Belajar Keterampilan Gerak.* Depok : PT.Raja Grafindo Persada

Wuest, D., & Bucher, C. (2009). *Foundation of Physical Education.* New York: McGraw-Hill Companies.

Yamaguchi, G. T. (2011). *Dynamic Modeling Of Musculoskeletal Motion A Vectorized Approach For Biomechanical Analysis In Three Dimensions.* USA: Kluwer Academic Publishers.

Yoo Sungae, Kim Hye Jeong et.al. (2014). *Journal for Multicultural Education.* Vol. 8 Iss 1 pp. 13 - 30. doi.org/10.1108/JME-04-2013-0018

Yusuf A. Muri. (2016) *metode penelitian.* Jakarta : Prenadamedia group

Zenga nnan, Johnson Susan L. et.al. (2019). *Social-ecological correlates of fundamental movement skills inyoung children.* "Volume 8, Issue2 <https://doi.org/10.1016/j.jshs.2019.01.001>

Zhu, F., Poolton, J., & Masters, R. (2012). *Neuroscientific Aspects Of Implicit Motor Learning in Sport*. New York: Routledge.

