

DAFTAR PUSTAKA

- Abrori, F. M. L. (2019). Pengembangan Ensiklopedia Berbasis Potensi Lokal Daerah Perbatasan di Kalimantan Utara Pada Materi Sumber Daya Alam. *Jurnal Pendidikan Dasar Borneo (Judikdas Borneo)*, 1(1), 43–55.
- Ajija, S. R. ., Sari, D. W. ., Setianto, R. H. ., & Primanti, M. R. (2011). *Cara Cerdas Menguasai Eviews*.
- Anderson, T., & Shattuck, J. (2012). Design-based research: A decade of progress in education research? *Educational Researcher*, 41(1), 16–25. <https://doi.org/10.3102/0013189X11428813>
- Arif, M. (2016). Pengembangan Instrumen Penilaian Mapel Sains melalui Pendekatan Keterampilan Proses Sains SD/MI. *Ta'allum: Jurnal Pendidikan Islam*, 4(1), 123–148. <https://doi.org/10.21274/taalum.2016.4.1.123-148>
- Arikunto, S., & Jabar, C. S. A. (2018). Evaluasi Program Pendidikan. In *Evaluasi Program Pendidikan* (Vol. 2, Issue 1). <https://doi.org/10.32699/paramurobi.v2i1.817>
- Azmi, R., Rukun, K., & Maksum, H. (2020). Analisis Kebutuhan Pengembangan Media Pembelajaran Berbasis Web Mata Pelajaran Administrasi Infrastruktur Jaringan. *Jurnal Imiah Pendidikan Dan Pembelajaran*, 4(2), 303–314. <https://ejournal.undiksha.ac.id/index.php/JIPP/article/view/25840/15852>
- Balfakih, N. M. (2010). The assessment of the UAE's in-service and pre-service Elementary science teachers in the integrated science process skills. *Procedia - Social and Behavioral Sciences*, 2(2), 3711–3715. <https://doi.org/10.1016/j.sbspro.2010.03.577>
- Barab, S., & Squire, K. (2004). Design-Based Research: Putting a Stake in the Ground. *Journal of the Learning Sciences*, 13(1), 1–14. https://doi.org/10.1207/s15327809jls1301_1
- Bogoslov, I. A. (2018). *Springer Proceedings in Business and Economics Innovative Business Development-A Global Perspective 25th International Economic Conference of Sibiu (IECS 2018)* (Issue IECS). <http://www.springer.com/series/11960>
- Breuleux, A., Renaud, A., Large, A., & Beheshti, J. (1994). A comparison of information retrieval from print and CDROM versions of an encyclopedia by elementary school students. *Information Processing & Management*, 30(4), 499–513.
- Brown, A. L. (1992). Design Experiments: Theoretical and Methodological Challenges in Creating Complex Interventions in Classroom Settings. *Journal of the Learning Sciences*, 2(2), 141–178.

https://doi.org/10.1207/s15327809jls0202_2

- Budiyono, B. (2020). Inovasi Pemanfaatan Teknologi Sebagai Media Pembelajaran di Era Revolusi 4.0. *Jurnal Kependidikan: Jurnal Hasil Penelitian Dan Kajian Kepustakaan Di Bidang Pendidikan, Pengajaran Dan Pembelajaran*, 6(2), 300–309.
<http://ojs.ikipmataram.ac.id/index.php/jurnalkependidikan/article/view/2475>
- Budui, J., & Nielsen, R. (2010). *Usability of Websites for Children: Design Guidelines for Targeting Users Aged 3-12 Years* (2nd ed.). Nielsen Norman Group.
- Cahyadi, A. (2019). *Pengembangan Media Dan Sumber Belajar: Teori dan Prosedur* (1st ed.). Serang: Laksita Indonesia.
- Collins, A. (1992). Toward a Design Science of Education. *New Directions in Educational Technology*, 15–22. https://doi.org/10.1007/978-3-642-77750-9_2
- Collison, R. (1987). *Encyclopaedias and Dictionaries' in Encyclopaedia Britannica: Macropaedia* (15th ed.). Chicago : Encyclopaedia Britannica.
- Daniel, L. H. D., Hackett, J., Moyer, R. H. ., & JoAnne;, V. (2002). *Science*. <https://pse5.weebly.com/science-textbook.html>
- Design Based Research Collective. (2003). Design-Based Research: An Emerging Paradigm for Educational Inquiry. *Educational Researcher*, 32(1), 5–8. <https://doi.org/10.3102/0013189X032001005>
- Diputra, K. S. (2016). Pengembangan Multimedia Pembelajaran Tematik Integratif Untuk Siswa Kelas IV Sekolah Dasar. *JPI (Jurnal Pendidikan Indonesia)*, 5(2), 125–133. <https://doi.org/10.23887/jpi-undiksha.v5i2.8475>
- Easterday, M. W., Lewis, D. R., & Gerber, E. (2014). Design-based research process: Problems, phases, and applications problems arising from the ill-definition of DBR. *Proceedings of the International Conference of the Learning Sciences*, 317--324.
- Edelson, D. C. (2002). Design research: What we learn when we engage in design. *Journal of the Learning Sciences*, 11(1), 105–121. https://doi.org/10.1207/S15327809JLS1101_4
- Erawati, Raharjo;, & Azizah; (2020). Pengembangan Media Ensiklopedia Bentuk dan Fungsi Tumbuhan Melatihkan Berpikir Kritis Siswa Sekolah Dasar. *Jurnal Bidang Pendidikan Dasar*, 4(2), 195–205.
- Erdawati, S. (2018). Pengembangan Ensiklopedia IPA Berbasis Integrasi Islam Sains Untuk Meningkatkan Motivasi Siswa Kelas IV SD Negeri 003 Enok Kecamatan Enok. *Jurnal Al-Aulia*, 4(01), 40–57. <https://ejournal.staitbh.ac.id/index.php/al-aulia/article/view/41>

- Ermawati, Aji, S. D., & Setiawan, D. A. (2020). Pengembangan Ensiklopedia Berbasis Literasi Membaca Anak Pada Materi Energi Alternatif dan Penggunaannya di SDN 3 Tambakasri Sumbermanjing Wetan. *Seminar Nasional PGSD UNIKAMA*, 4, 361–366.
- Erviana, V. Y. (2019). Development of STEM (Science, Technology, Engineering, Mathematics) Integrated Encyclopedia as Enrichment for Students in Elementary Schools. *Jurnal Inovasi Pendidik*, 5(1), 31–44. <http://jipd.uhamka.ac.id>
- Fajri, K., & Taufiqurrahman, T. (2017). Pengembangan Buku Ajar Menggunakan Model 4D dalam Peningkatan Keberhasilan Pembelajaran Pendidikan Agama Islam. *Jurnal Pendidikan Islam Indonesia*, 2(1), 1–15. <https://doi.org/10.35316/jpii.v2i1.56>
- Fajriani, N., Syamswisna, & Marlina, R. (2020). Kelayakan Media Ensiklopedia Sub Materi Pemanfaatan Keanekaragaman Hayati Indonesia. *Jurnal Biologi Dan Kependidikan Biologi*, 1(1), 26–32.
- Fiteriani, I., & Baharuddin. (2018). KONSEPSI PENERAPAN KETERAMPILAN PROSES SAINS (KPS) DAN SIKAP ILMIAH DALAM DESAIN PENGEMBANGAN MODUL PANDUAN EKSPERIMEN IPA SD/MI. *Jurnal Madrasah Pendidikan Dan Pembelajaran Dasar*, 11(1), 24–39. <https://doi.org/http://dx.doi.org/10.18860/madrasah.v11i1.5801>
- Fitria, Y. (2017). Efektivitas Capaian Kompetensi Belajar Siswa Dalam Pembelajaran Sains Di Sekolah Dasar. *Jurnal Inovasi Pendidikan Dan Pembelajaran Sekolah Dasar*, 1(2), 34–43. <https://doi.org/10.24036/jippsd.v1i2.8605>
- Gallagher, J. J. (1991). Prospective and practicing secondary school science teachers' knowledge and beliefs about the philosophy of science. *Science Education*, 75(1), 121–133. <https://doi.org/10.1002/sci.3730750111>
- Gay, L. R., Mills, G., & Airasian, P. W. (2012). *Educational research: Compentencies for analysis and application*. USA: Pearson Education, Inc.
- Ghonyah, I., Nita, C. I. R., & Yuniasih, N. (2021). Pengembangan E-Ensiklopedia Berbasis Pendidikan Karakter Gotong Royong Pada Siswa Kelas IV SD. *Seminar Nasional PGSD UNIKAMA*, 5(November), 271–279. <https://conference.unikama.ac.id/artikel/>
- Hancher, M. (2019). Dictionary vs. Encyclopedia, then and now D. *Journal of the Dictionary Society of North America*, 40(1), 113–138. <https://doi.org/10.1353/Dec.2019.0003>
- Hanna, L., Ridsen, K., Czerwinski, M., & Alexander, K. J. (1998). *The role of usability research in designing children's computer products*. Washington: Morgan Kaufmann Publishers. <http://www.reserach.microsoft.com/users/marycz/druin98.htm>

- Harahap, F., Nurliza, N., & Nasution, N. E. A. (2020). Pengembangan Ensiklopedia Perbanyak Tanaman Melalui Kultur Jaringan Sebagai Sumber Belajar Tambahan Untuk Siswa Sma. *Jurnal Pelita Pendidikan*, 8(1), 52–61. <https://doi.org/10.24114/jpp.v8i1.17301>
- Harlen, W. (1999). Purposes and procedures for assessing science process skills. *International Journal of Phytoremediation*, 21(1), 129–144. <https://doi.org/10.1080/09695949993044>
- Haryati, S. (2012). RESEARCH AND DEVELOPMENT (R&D) Sebagai Salah Satu Model Penelitian Dalam Bidang Pendidikan. *Academia*, 37(1), 13.
- Hayatin, N. (2019). Peningkatan Literasi Untuk Guru Dan Siswa Sekolah Dasar Melalui Pelatihan Penggunaan Aplikasi Ensiklopedia Anak. *Jurnal Perempuan Dan Anak*, 2(1), 47. <https://doi.org/10.22219/jpa.v2i1.8316>
- Hayatin, N., Mahendra, R. A., Al-mubarak, D. A., Renomi, A. D., Setiadharna, E., Setiawan, A. B., Arya, T. F., Dadhee, F., Ramadhan, F., Young, S., & Al Ghivani, A. (2019). Anapedia – An Open Web-based Encyclopedia for Indonesian Children. *Journal of Information Systems Engineering and Business Intelligence*, 5(1), 48. <https://doi.org/10.20473/jisebi.5.1.48-56>
- Henriksen, D., Mishra, P., & Fisser, P. (2016). International Forum of Educational Technology & Society Infusing Creativity and Technology in 21st Century Education: A Systemic View for Change Published by: International Forum of Educational Technology & Society Infusing Creativity and Technology in. *Journal of Educational Technology & Society*, 19(3), 27–37.
- Hernawan, A. (2007). *Media Pembelajaran Sekolah Dasar*. Bandung: UPI Press.
- Hewitt, P. G. ., Lyons, S., Suchocki, J. ., & Yeh, J. ; (2012). *Conceptual Integrated Science*. San Francisco: Pearson.
- Hidayat, A. S., Saputro, M. I., & Sukendar, T. (2018). Perancangan Ensiklopedia Mobile Flora Dan Fauna Indonesia Berbasis Android. *Jurnal Teknologi Informatika & Komputer*, 4(2), 8–46. <http://ejournal-umht.org/index.php/tik/article/view/108>
- Hutauruk, P., & Simbolon, R. (2018). Meningkatkan Hasil Belajar Siswa dengan Alat Peraga IPA Kelas IV SDN Nomor 14 Simbolon Purba. *SEJ (School Education Journal)*, 8(2), 121–129.
- Jan, H. (2017). Teacher of 21 st Century: Characteristics and Development. *Research on Humanities and Social Sciences*, 7(9), 50–54. www.iiste.org
- Juliani, A. J., & Bastian, A. (2021). Pendidikan Karakter sebagai Upaya Wujudkan Pelajar Pancasila. *Prosiding Seminar Nasional Pendidikan Program Pascasarjana Universitas PGRI Palembang*, 257–265. <https://jurnal.univpgri->

palembang.ac.id/index.php/Prosidingpps/article/view/5621/4871

- Kang, N. H. (2008). Learning to teach science: Personal epistemologies, teaching goals, and practices of teaching. *Teaching and Teacher Education*, 24(2), 478–498. <https://doi.org/10.1016/j.tate.2007.01.002>
- Karamustafaoğlu, S. (2011). Improving the Science Process Skills Ability of Science Student Teachers Using I Diagrams. *International Journal of Physics & Chemistry Education*, 3(1), 26–38. <https://doi.org/10.51724/ijpce.v3i1.99>
- Karimah, N., Ngazizah, N., & Ratnaningsih, A. (2021). PENGEMBANGAN ENSIKLOPEDIA DIGITAL BERBASIS KETERAMPILAN PROSES DAN KARAKTER PADA KELAS V TEMA LINGKUNGAN SAHABAT KITA. *Syntax Idea*, 3(8). <https://doi.org/https://jurnal.syntax-idea.co.id/index.php/syntax-idea/article/view/1227>
- Katz, B. (1998). *Cuneiform to computer: a history of reference sources*. London : Scarecrow Press.
- Kelana, J. B., Muftianti, A., & Samsudin, A. (2020). Pemanfaatan Media Pembelajaran Dalam Meningkatkan Keterampilan Proses Sains Dan Motivasi Belajar. *Jurnal Ilmiah P2M STKIP Siliwangi P2M STKIP Siliwangi*, 7(1), 48–54.
- Kemdikbud. (2020). Salinan Permendikbud 22 Tahun 2020. *Salinan Permendikbud 22 Tahun 2020*, 1–174. <https://jdih.kemdikbud.go.id/arsip/SALINAN PERMENDIKBUD 22 TAHUN 2020.pdf>
- Kementerian Pendidikan dan Kebudayaan. (2019). Petunjuk Teknis Penyusunan Ensiklopedia. In *Badan Pengembangan Bahasa dan Perbukuan*. Jakarta: Kemendikbud.
- Khasanah, K. (2020). Pengembangan Media (Paridup) Papan Daur Hidup Pada Materi IPA Kelas IV di Sekolah Dasar. *Jurnal Penelitian Pendidikan Guru Sekolah Dasar*, 8(1), 59–68. <https://jurnalmahasiswa.unesa.ac.id/index.php/jurnal-penelitian-pgsd/article/view/33358>
- Koballa, & Chiapetta. (2010). *Science Instruction in the Middle and Secondary Schools*. Pearson: USA.
- Kumala. (2016). Pembelajaran IPA SD. In *Journal of Chemical Information and Modeling* (Vol. 8, Issue 9). Ediide Infografika.
- Kumala, F. N., Setiawan, D. A., Hudha, M. N., Amin, M., & Gipayana, M. (2018). Playstore-based Animal Encyclopedia. *Proceedings of the Annual Conference on Social Sciences and Humanities (ANCOSH 2018)*, Ancosh, 462–465. <https://doi.org/10.5220/0007422604620465>
- Large, A. (2004). Information Seeking on the Web by Elementary School Students. In *Youth information-seeking behavior: theories, models, and issues* (pp. 293–319). Oxford: Scarecrow Press.

https://books.google.co.id/books?hl=en&lr=&id=3ZRQLqYYTNMC&oi=fnd&pg=PA293&dq=web+encyclopedia+elementary+school&ots=6FYwr5F2il&sig=FGp3Z7eKpGA5GSvrtjAT25QntbE&redir_esc=y#v=onepage&q=web+encyclopedia+elementary+school&f=false

- Large, A., & Beheshti, J. (2005). Interface Design, Web Portals, and Children. *Library Trends*, 54(2), 318–342.
- Large, A., Beheshti, J., & Rahman, T. (2002). Design criteria for children's Web portals: The users speak out. *Journal of the American Society for Information Science and Technology*, 53(2), 79–94. <https://doi.org/10.1002/asi.10012>
- Munadi, Y. (2013). *Media Pembelajaran (Sebuah Pendekatan Baru)*. Jakarta: Referensi.
- Naidu, S., & Chaparro, B. S. (2005). Evaluating the Usability of Educational Websites for Children. *Software Usability Research Laboratory Wichita State University Usability News*, 7(2), 1–7. http://www.surl.org/usabilitynews/72/children_internet.asp
- Nesset, V., & Large, A. (2009). Elementary school students, information retrieval and the Web. In *Encyclopedia of multimedia technology and networking 2nd ed.* (pp. 469–476). Hershey: Idea Group. <https://doi.org/10.5860/choice.43-3770>
- Newman, R., Chang, V., Walters, R. J., & Wills, G. B. (2016). Web 2.0 - The past and the future. *International Journal of Information Management*, 36(4), 591–598. <https://doi.org/10.1016/j.ijinfomgt.2016.03.010>
- Noviar, D. (2016). Pengembangan Ensiklopedi Biologi Mobile Berbasis Android Dalam Rangka Implementasi Kurikulum 2013. *Jurnal Cakrawala Pendidikan*, 15(2), 198–207. <https://doi.org/10.21831/cp.v15i2.8255>
- Nurhatmi, J., Rusdi, M., & Kamid; (2015). Pengembangan Ensiklopedia Digital Teknologi Listrik Berbasis Contextual Teaching and Learning (CTL). *Edu-Sains*, 4(1), 37–42.
- Nurmadiyah, N. (2016). Media Pendidikan. *Al-Afkar : Jurnal Keislaman & Peradaban*, 5(1), 43–62. <https://doi.org/10.28944/afkar.v5i1.109>
- Ongowo, R. O., & Indoshi, F. C. (2013). Science Process Skills in the Kenya Certificate of Secondary Education Biology Practical Examinations. *Creative Education*, 04(11), 713–717. <https://doi.org/10.4236/ce.2013.411101>
- Özgelen, S. (2012). Students' science process skills within a cognitive domain framework. *Eurasia Journal of Mathematics, Science and Technology Education*, 8(4), 283–292. <https://doi.org/10.12973/eurasia.2012.846a>

- Pambudi, et. al. (2018). Gelombang, Peningkatan Keterampilan Proses Sains Melalui Pembelajaran Inkuiri Terbimbing pada Materi Getaran dan Gelombang. *Pensa E-Jurnal: Pendidikan Sains*, 6(1), 27–31.
- Permana, E. P., & Nourmavita, D. (2017). Pengembangan Multimedia Interaktif Pada Mata Pelajaran Ipa Materi Mendeskripsikan Daur Hidup Hewan Di Lingkungan Sekitar Siswa Kelas IV Sekolah Dasar. *Jurnal PGSD*, 10(2), 79–85. <https://doi.org/10.33369/pgsd.10.2.79-85>
- Piaget, J., & Inhelder, B. (1969). *The psychology of the child*. New York, NY: Basic Books.
- Plomp, T., & Nieveen, N. M. (2007). *An Introduction to Educational Design Research*. 125. https://ris.utwente.nl/ws/portalfiles/portal/14472302/Introduction_20to_20education_20design_20research.pdf
- Pratama, E. W. ., Moejiono, M. ., & Sulistyowati, P. (2020). Pengembangan Bahan Ajar IPA Berbasis Ensiklopedia Pada Materi Sifat-Sifat Benda dan Perubahan Wujud Benda Kelas III Sekolah Dasar. *Prosiding Seminar Nasional PGSD UNIKAMA*, 392–401. <https://conference.unikama.ac.id/artikel/index.php/pgsd/article/view/532>
- Prihartanta. (2015). Ensiklopedia umum (Nasional). *Jurnal Adabiya*, 5(85), 1–14.
- Pujiastuti, P., Kawuryan, S. P., & Ambarwati, U. (2017). Evaluasi Pembelajaran Tematik Di Sekolah Dasar. *Jurnal Kependidikan*, 1(2), 187–199.
- Putra, C. A. (2020). *Pengembangan Cerita Sainsmatika Berbasis Mobile Learning untuk Meningkatkan Kemampuan Memecahkan Masalah dan Karakter Tanggung Jawab pada Siswa Kelas IV Sekolah Dasar*. Yogyakarta: Universitas Negeri Yogyakarta.
- Rahayu, A., & Anggraeni, P. (2017). Analisis Profil Keterampilan Proses Sains Siswa Sekolah Dasar Di Kabupaten Sumedang. *Pesona Dasar (Jurnal Pendidikan Dasar Dan Humaniora)*, 5(2), 22–33. <https://doi.org/10.24815/pear.v7i2.14753>
- Rahmani., Halim, A., & Jalil, Z. (2015). Penerapan Model Pembelajaran Inkuiri Terbimbing Untuk Meningkatkan Keterampilan Proses Sains Dan Motivasi Belajar Siswa Sekolah Dasar. *Jurnal Pendidikan Sains Indonesia*, 3(1), 158–168.
- Reimann, P. (2011). Design-Based Research Peter Reimann. In *Methodological Choice and Design* (pp. 37–50). New York: Springer. <https://doi.org/10.1007/978-90-481-8933-5>
- Rezba, R. J. (2007). *Learning and assessing science process skills*. Iowa: Kendall/Hunt.

- Riwanto, M., & Rahayuni, G. (2018). Pengembangan Media Pembelajaran IPA Interaktif Berbasis Keterampilan Proses Sains untuk Kelas Atas Sekolah Dasar. *Jurnal Pancar*, 2(2), 12–15. <https://ejournal.unugha.ac.id/index.php/pancar/article/view/200>
- Roblyer, M. D., & Hughes, J. E. (2018). *Integrating Educational Technology into Teaching : Transforming Learning Across Disciplines* (Eighth Edi). Pearson Education Inc.
- Rohaida, M. S., & Kamariah, A. B. (2005). TECHNOLOGY-BASED SCIENCE CLASSROOM : WHAT FACTORS FACILITATE LEARNING ? *Jurnal Pendidik Dan Pendidikan*, 20(1), 1–19. [http://apjee.usm.my/APJEE_20_2005/JPP01Rohaida\(1-19\)B.pdf](http://apjee.usm.my/APJEE_20_2005/JPP01Rohaida(1-19)B.pdf)
- Rohani. (2019). *Diktat Media Pembelajaran*. Medan: Universitas Islam Negeri.
- Rokhim, A. (2016). Rancang Bangun Aplikasi Pengenalan Hewan Berbasis Suara Pada Sistem Operasi Android. *Jurnal Insand Comtech*, 1(2), 15–22.
- Rosidi, M. (2019). Jurnal pgsd musi. *Jurnal Pendidikan Guru Sekolah Dasar*, 12(1), 63–68.
- Rosilia, P., Yuniawatika, & Murdiah, S. (2020). Analisis kebutuhan bahan ajar siswa di kelas III SDN Bendogerit 2 Kota Blitar. *Premiere Educandum: Jurnal Pendidikan Dasar Dan Pembelajaran*, 10(2), 125–137. <https://doi.org/10.25273/pe.v10i2.6306>
- Rowland, P. (1987). *Basic Science Process Skills*. Mexico : New Mexico State University.
- Rusjiono dan Mustaji. (2008). *Penelitian Teknologi Pembelajaran*. Surabaya: Unesa University Press.
- Samatoa, U. (2016). *Pembelajaran IPA di Sekolah Dasar* (3rd ed.). Jakarta: Indeks.
- Sandoval, W. A., & Bell, P. (2004). Design-based research methods for studying learning in context: Introduction. *Educational Psychologist*, 39(4), 199–201. https://doi.org/10.1207/s15326985ep3904_1
- Saputro, B. (2017). Manajemen Penelitian Pengembangan (Research & Development) bagi Penyusun Tesis dan Disertasi. In *Journal of Chemical Information and Modeling* (Vol. 53, Issue 9). Aswaja Pressindo.
- Sari, L., Susanti, D., & Nursyahra. (2016). Pengembangan Media Pembelajaran Interaktif Berorientasi Konstruktivisme Pada Materi Neurulasi Untuk Perkuliahan Perkembangan Hewan. *Prosiding Seminar Nasional Biologi Edukasi*, 136–145.
- Schopflin, K. (2013). *The Encyclopaedia as a Form of the Book* (Issue July). London: University College London. <https://pdfs.semanticscholar.org/bf2c/5aab0815cfa990a98a6bf91a7a456ff4>

1f36.pdf

- Silalahi, A. (2018). Development Research (Penelitian Pengembangan) dan Research & Development (Penelitian & Pengembangan) Dalam Bidang Pendidikan/Pembelajaran. *Research Gate, July*, 1–13. <https://doi.org/10.13140/RG.2.2.13429.88803/1>
- Smaldino, E. S. (2008). *Instructional Technology and Media for Learning*. New Jersey: Pearson Prentice Hall.
- Smaldino, S., Deborah L, J. D., & Russell. (2014). *Instructional Technology and Media for Learning (Teknologi Pembelajaran dan Media untuk Belajar)* (9th ed.). Jakarta: Prenada Media.
- Sudana, I. P. A., & Wesnawa, I. G. A. (2017). Penerapan Model Pembelajaran Kooperatif Tipe Stad Untuk Meningkatkan Hasil Belajar IPA Siswa Kelas II Sekolah Dasar. *Jurnal Ilmiah Sekolah Dasar*, 1(1), 1–8. <https://doi.org/https://doi.org/10.33578/jpkip.v7i1.5359>
- Sugijanto. (2008). *Pusat Kurikulum Perbukuan Depdiknas*. Jakarta: Puskurbuk Balitbang Kemdikbud.
- Sugiono. (2015). *Metode Penelitian Kuantitatif, kualitatif dan R&D*. Bandung: Alfabeta.
- Sukowati. (2020). *Pengembangan Game Kahoot! Berbasis Kearifan Lokal untuk Meningkatkan Kemampuan Berpikir Kreatif dan Karakter Semangat Kebangsaan pada Siswa Kelas V Sekolah Dasar*. Yogyakarta: Universitas Negeri Yogyakarta.
- Sulthon, S. (2017). Pembelajaran IPA yang Efektif dan Menyenangkan bagi Siswa MI. *ELEMENTARY: Islamic Teacher Journal*, 4(1), 38–54. <https://doi.org/10.21043/elementary.v4i1.1969>
- Sundayana. (2018). *Statistika Penelitian Pendidikan*. Bandung: Alfabeta.
- Supriadi, G. (2019). *Statistik Penelitian Pendidikan*. Yogyakarta: UNY Press.
- Suwarno, W. (2011). *Perpustakaan dan buku: Wacana Penulisan dan Penerbitan*. Yogyakarta: Ar-Ruzz Media.
- Technology, U. S. O. of E. (2023). *Artificial Intelligence and the Future of Teaching and Learning* (Issue May). U.S. Department of Education. <https://www2.ed.gov/documents/ai-report/ai-report.pdf>
- Thiagarajan, S. et al. (1974). Instructional development for training teachers of exceptional children: A sourcebook. In *Journal of School Psychology*. Indiana: Indiana University. [https://doi.org/10.1016/0022-4405\(76\)90066-2](https://doi.org/10.1016/0022-4405(76)90066-2)
- Ubaidillah, M. (2017). Pembelajaran Berbasis Proyek untuk Mengembangkan

Ensiklopedia Berbasis Bioedupreneurship. *JURNAL PENDIDIKAN SAINS (JPS)*, 05(1), 32–40.
<http://103.97.100.145/index.php/JPKIMIA/article/view/2530>

Ulfaeni, S. (2018). Pengembangan Media Monergi (Monopoli Energi) Untuk Menumbuhkan Kemampuan Pemahaman Konsep IPA Siswa Kelas III SDN Pedurungan Kidul 02 Semarang. *Profesi Pendidikan Dasar*, 1(2), 136–144.
<https://doi.org/10.23917/ppd.v1i2.4990>

Usman, M., Suyanta, & Huda, K. (2021). Virtual lab as distance learning media to enhance student's science process skill during the COVID-19 pandemic. *Journal of Physics: Conference Series*, 1882(1).
<https://doi.org/10.1088/1742-6596/1882/1/012126>

Wahyuni, S. (2014). Media Realia Dalam Pembelajaran Ipa Di Daerah Terdepan , Terluar , Dan Tertinggal (3T) Kabupaten Sitiro – Sulawesi Utara. *Jurnal Pendidikan Biologi*, 6(1), 50–57.

Wibawanto, W. (2017). *Desain dan Pemrograman Multimedia Pembelajaran Interkatif* (Vol. 369, Issue 1). Jember: Penerbit Cerdas Ulet Kreatif.

Widiasari, N. K. R., & Sumantri, M. (2020). Kooperatif Tipe Group Investigation Melalui Setting Lesson Study Terhadap Kompetensi Pengetahuan IPA. *Jurnal Ilmiah Sekolah Dasar*, 4(2), 143–152.
<https://doi.org/10.23887/jisd.v4i2.25094>

Yang, M. Y., You, M., & Chen, F. C. (2005). Competencies and qualifications for industrial design jobs: Implications for design practice, education, and student career guidance. *Design Studies*, 26(2), 155–189.
<https://doi.org/10.1016/j.destud.2004.09.003>

Yesmaya, V., T, J. D., Aspuru, K., & Prasetyo, I. (2019). Perancangan Aplikasi Ensiklopedia Menggunakan Augmented Reality Berbasis Android. *Jurnal Telematika*, 13(1), 27–32.

Yohana, N. D., & Purnomo, D. (2017). Aplikasi Kamus Hewan Dan Tumbuhan Berbasis Android. *JOINTECS (Journal of Information Technology and Computer Science)*, 2(1), 1–4. <https://doi.org/10.31328/jointecs.v2i1.410>

Yono, J. (2018). *Ensiklopedia Flora Dan Fauna Untuk Anak-Anak Berbasis Website*. Medan: Universitas Negeri Medan.

Yuliati, Y. (2016). Peningkatan Keterampilan Proses Sains Siswa Sekolah Dasar Melalui Model Pembelajaran Berbasis Masalah. *Jurnal Cakrawala Pendas*, 2(2), 71–83. <https://doi.org/10.31949/jcp.v2i2.335>