

## DAFTAR PUSTAKA

- , Ayres, L. W. . R. U. A. (2001). A Handbook of Industrial Ecology. Robert U. Ayres and Leslie W. Ayres, eds. 2002. Edward Elgar Publishing, Northampton, MA. 680 pp. \$285 hardcover. In R. U. L. W. A. Ayres (Ed.), *Environmental Practice*. <https://doi.org/10.1017/s1466046603261123>
- Abad-Segura, E., Morales, M. E., Cortés-García, F. J., & Belmonte-Ureña, L. J. (2020). Technological tools for sustainable development in developing countries: The example of Africa, a review. *Processes*. <https://doi.org/10.3390/PR8050631>
- Abdullah, A. G., & Ridwan, T. (2008). Implementasi Problem Based Learning ( Pbl ) Pada Proses Pembelajaran Di Bptp Bandung. *Invote*, *V*(2), 1–10. [http://jurnal.upi.edu/222/view/8/implementasi-problem-based-learning-\(pbl\)-pada-proses-pembelajaran-di-bptp-bandung.html](http://jurnal.upi.edu/222/view/8/implementasi-problem-based-learning-(pbl)-pada-proses-pembelajaran-di-bptp-bandung.html)
- Agustin, P., & Permatasari, I. (2020). *PENGARUH PENDIDIKAN DAN KOMPENSASI TERHADAP KINERJA DIVISI NEWPRODUCT DEVELOPMENT (NPD) PADA PT. MAYORA INDAH Tbk*. *10*(2), 174–184.
- Ahmar, A. S., & Rahman, A. (2017). Development of teaching material using an Android. *Global Journal of Engineering Education*, *19*(1), 72–76. <https://doi.org/10.26858/gjeev19i1y2017p7376>
- Aina Mulyana. (2020). PENELITIAN PENGEMBANGAN (RESEARCH AND DEVELOPMENT ) Pengertian, Tujuan dan Langkah-langkah R&D. *Pembelajaran Penelitian, January*, 1–17. <https://ainamulyana.blogspot.com/2016/04/penelitian-pengembangan-research-and.html>
- Ainuurrahmah, S., & Sudarti. (2021). Analisis Kerusakan Lingkungan Akibat Industri di Permukiman Warga Desa Karangrejo Kediri. *Jurnal TELUK*, *1*(2), 33–37. <https://lp3m-umkendari.ac.id/index.php/telukumkendari/article/view/375%0Ahttps://lp3m-umkendari.ac.id/index.php/telukumkendari/article/download/375/182>
- Aisyah, S., Noviyanti, E., & Triyanto. (2020). Bahan Ajar Sebagai Bagian Dalam Kajian Problematika Pembelajaran Bahasa Indonesia. *Jurnal Salaka*, *2*(1), 62—65. <http://garuda.ristekbrin.go.id/documents/detail/1653809>
- Ajzen, I. (1991). The theory of planned behavior. *Organizational Behavior and Human Decision Processes*, *50*(2), 179–211. [https://doi.org/10.1016/0749-5978\(91\)90020-T](https://doi.org/10.1016/0749-5978(91)90020-T)
- Almansoori, L. H., Matrud, S. N., Haiyan, H., Lafta, A. M., & Asghar, M. M. (2021). Green Manufacturing and Its Impact on Environmental Sustainability: A Case Study in the Kufa Cement Plant. *Review of International Geographical Education Online*, *11*(4), 107–116. <https://doi.org/10.33403/rigeo.800628>
- Annisa Rika May, A. N. (2022). Pro-environmental Behaviours and Protection

- Motivation Theory: A Case of Two Universities in Bandung, Indonesia. *Jurnal Teknik Lingkungan*, 28(1), 42–55.  
<https://doi.org/10.5614/j.tl.2022.28.1.4>
- Anzolin, G., & Lebdioui, A. (2021). Three Dimensions of Green Industrial Policy in the Context of Climate Change and Sustainable Development. In *European Journal of Development Research* (Vol. 33, Issue 2). Palgrave Macmillan UK. <https://doi.org/10.1057/s41287-021-00365-5>
- Argaw, A. S., Haile, B. B., Ayalew, B. T., & Kuma, S. G. (2017). The effect of problem based learning (PBL) instruction on students' motivation and problem solving skills of physics. *Eurasia Journal of Mathematics, Science and Technology Education*, 13(3), 857–871.  
<https://doi.org/10.12973/eurasia.2017.00647a>
- Arsanti, M. (2018). PENGEMBANGAN BAHAN AJAR MATA KULIAH PENULISAN KREATIF BERMUATAN NILAI-NILAI PENDIDIKAN KARAKTER RELIGIUS BAGI MAHASISWA PRODI PBSI, FKIP, UNISSULA. *KREDO : Jurnal Ilmiah Bahasa Dan Sastra*.  
<https://doi.org/10.24176/kredo.v1i2.2107>
- Asioli, D., Aschemann-Witzel, J., Caputo, V., Vecchio, R., Annunziata, A., Næs, T., & Varela, P. (2017). Making sense of the “clean label” trends: A review of consumer food choice behavior and discussion of industry implications. *Food Research International*, 99(1), 58–71.  
<https://doi.org/10.1016/j.foodres.2017.07.022>
- Assegaff, A., & Sontani, U. T. (2016). Upaya Meningkatkan Kemampuan Berfikir Analitis Melalui Model Problem Based Learning (Pbl). *Jurnal Pendidikan Manajemen Perkantoran*, 1(1), 38. <https://doi.org/10.17509/jpm.v1i1.3263>
- Avis, W. R. (2016). Methods and approaches to understanding behaviour change. *GSDRC Applied Knowledge Services*, 1–25. [www.gsdr.org](http://www.gsdr.org)
- B, G., & Naidu G, R. (2017). Green technology vs environmental sustainability in india– an overview. *International Journal of Current Advanced Research*.  
<https://doi.org/10.24327/ijcar.2017.2468.0029>
- Belladonna, M., & Surapati, A. (2019). *Pengetahuan Lingkungan* (Issue September). [www.penerbitbukudeepublish](http://www.penerbitbukudeepublish)
- Biswas, W. K. (2012). The importance of industrial ecology in engineering education for sustainable development. *International Journal of Sustainability in Higher Education*, 13(2), 119–132.  
<https://doi.org/10.1108/14676371211211818>
- Boca, G. D., & Saraçlı, S. (2019). Environmental education and student's perception, for sustainability. *Sustainability (Switzerland)*.  
<https://doi.org/10.3390/su11061553>
- Branch, R. M., & Dousay, T. A. (2015). Survey of Instructional Design Models (Fifth). *Indiana: Association for Educational Communications and Technology (AECT)*. [https://aect.org/survey\\_of\\_instructional\\_design.php](https://aect.org/survey_of_instructional_design.php)

- Bušljeta, R. (2013). Effective Use of Teaching and Learning Resources. *Czech-Polish Historical and Pedagogical Journal*, 5(2), 55–69. <https://doi.org/10.2478/cphpj-2013-0014>
- Castellanos, P. M. A., 1, 2, \* A. Q.-D., 3, Ascensi, Ó, Hern, N., Á, Encinas, N., 4, & Acosta, and L. C. (2020). *Sustainability | Free Full-Text | Environmental Education in Environmental Engineering: Analysis of the Situation in Colombia and Latin America*. Sustainability. <https://www.mdpi.com/2071-1050/12/18/7239>
- Castellanos, P. M. A., Queiruga-Dios, A., Encinas, A. H., & Acosta, L. C. (2020). Environmental education in environmental engineering: Analysis of the situation in Colombia and Latin America. *Sustainability (Switzerland)*, 12(18), 1–14. <https://doi.org/10.3390/su12187239>
- Chen, Y., Hmelo-silver, C. E., Lajoie, S. P., Zheng, J., Huang, L., & Bodnar, S. (2021). *Using Teacher Dashboards to Access Group Collaboration in Problem-based Learning*. 15(2).
- Clarotta, U. . R. V. (2017). Pengaruh Model Pembelajaran Berbasis Masalah Dengan. *Jurnal Ilmiah Pendidikan Fisika-COMPTON*, 4(1).
- Cohen, J. (1988). Statistical Power Analysis for the Behavioral Sciences. In y Lawrence Erlbaum Associates are (Second Edi). LAWRENCE ERLBAUM ASSOCIATES, PUBLISHERS.
- Date, C., Date, A., Vito, C., Wp, B., & Final, R. (2013). *WP 1 : “ Framing – Development of the theoretical framework ” “ Report on state -of-the-art and theoretical framework for end-user behaviour and market roles .”* 1(97), 1–97. <https://doi.org/10.13140/2.1.3109.6008>
- David, Susari, E., & Kurniawan, D. (2012). PROBLEM-BASED LEARNING. *Satya Widya*, 28, 167–173.
- Desnita, Usmeldi, & Hidayat, H. (2023). Students’ Environmentally-Friendly Behavior: the Mediating Effect Investigation. *Jurnal Pendidikan IPA Indonesia*, 12(1), 43–54. <https://doi.org/10.15294/jpii.v12i1.40219>
- Dick, W., & Carey, L. (1996). The Systematic Design Of Intruction. In *The British Journal of Psychiatry*.
- Dolnicar, S. (2013). Asking Good Survey Questions. *Journal of Travel Research*. <https://doi.org/10.1177/0047287513479842>
- Dr. IR. H. Darwis, M. S., & Prof. Dr. H. Lahming, M. (2017). METODE & STRATEGI PEMBELAJARAN PKLH. In *METODE & STRATEGI PEMBELAJARAN PKLH* (Cetakan Pe). Alauddin University Press. [file:///C:/Users/hp/Downloads/Strategi\\_Pembelajaran\\_PKLH.pdf.pdf](file:///C:/Users/hp/Downloads/Strategi_Pembelajaran_PKLH.pdf.pdf)
- Dr Garalka , Darmanah .SE, M. (2019). *Metodologi Penelitian*. CV. HIRA TECH. <https://doi.org/10.31219/osf.io/xy6uv>
- Duchin, F., & Levine, S. H. (2018). Industrial ecology. In *Encyclopedia of Ecology*. <https://doi.org/10.1016/B978-0-12-409548-9.09407-0>

- Effendi, M. I., Sugandini, D., Sukarno, A., Kundarto, M., Arundati, R., & Berliana, N. (2020). *Perilaku pro-lingkungan pada mahasiswa*.
- Febriyanti, C. (2019). Pengembangan Skala Pengukuran Perilaku Pro Lingkungan: General Ecological Behavior (GEB) Scale. *JP3I (Jurnal Pengukuran Psikologi Dan Pendidikan Indonesia)*, 5(2).  
<https://doi.org/10.15408/jp3i.v5i2.10791>
- Fliers, E., & Kalsbeek, A. (2014). The Dick and Carey systems approach model for designing instruction. *Best Practice & Research. Clinical Endocrinology & Metabolism*, 28(5), 1–38. <http://www.ncbi.nlm.nih.gov/pubmed/25256759>
- Galuh Zuhria Kautzar, Yeni Sumantri, R. Y. (20 C.E.). Analisis Dampak Lingkungan Pada Aktivitas Supply Chain. *JURNAL REKAYASA DAN MANAJEMEN SISTEM INDUSTRI*, 3(1), 200–211.
- Gelderman, C. J., Schijns, J., Lambrechts, W., & Vijgen, S. (2021). Green marketing as an environmental practice: The impact on green satisfaction and green loyalty in a business-to-business context. *Business Strategy and the Environment*, 30(4), 2061–2076. <https://doi.org/10.1002/bse.2732>
- Granado-Alcón, M. D. C., Gómez-Baya, D., Herrera-Gutiérrez, E., Vélez-Toral, M., Alonso-Martín, P., & Martínez-Frutos, M. T. (2020). Project-based learning and the acquisition of competencies and knowledge transfer in higher education. *Sustainability (Switzerland)*, 12(23), 1–18.  
<https://doi.org/10.3390/su122310062>
- Hamidah, N., Koosbandiah Surtikanti, H., & Riandi, D. (2023). Implementasi education for sustainable development (ESD) pada universitas lintas negara terhadap tingkat pengetahuan dan perilaku kesadaran lingkungan mahasiswa. *Asian Journal Collaboration of Social Environment and Education AJCSEE*, 1(1), 31–41. <https://journal-iasssf.com/index.php/AJCSEEE>
- Hashim, H. (2018). Application of Technology in the Digital Era Education. *International Journal of Research in Counseling and Education*.  
<https://doi.org/10.24036/002za0002>
- Homburg, A., & Stolberg, A. (2006). Explaining pro-environmental behavior with a cognitive theory of stress. *Journal of Environmental Psychology*, 26(1), 1–14. <https://doi.org/10.1016/j.jenvp.2006.03.003>
- Hoque, A., Mohiuddin, M., & Su, Z. (2018). Effects of industrial operations on socio-environmental and public health degradation: Evidence from a least developing country (LDC). *Sustainability (Switzerland)*, 10(11).  
<https://doi.org/10.3390/su10113948>
- IAIN Palopo, P. F. (2019). Pengembangan Model Bahan Ajar Pendidikan Lingkungan Hidup Berbasis Lokal Dalam Mata Pelajaran Ilmu Pengetahuan Sosial. *PELAI\GI PENDIDIKAN, Volume XI*.  
<https://doi.org/10.31227/osf.io/59c3m>
- Iba, Z., & Wardhana, A. (2024). Skala Ordinal Dalam Penelitian Kuantitatif. In *Operasionalisasi Variabel, Skala Pengukuran & Instrumen Penelitian*

*Kuantitatif* (Vol. 1, Issue July).  
<https://www.researchgate.net/publication/382028627>

Ibáñez, M. E., Ferrer, D. M., Muñoz, L. V. A., Claros, F. M., & Ruiz, F. J. O. (2020). University as change manager of attitudes towards environment (The importance of environmental education). *Sustainability (Switzerland)*, 12(11). <https://doi.org/10.3390/su12114568>

ILO. (2021). *Effective Regulations? Environmental Impact Assessment in the Textile and Garment sector in* (I. A. PASIFIC (Ed.); Issue August). [https://www.ilo.org/wcmsp5/groups/public/---asia/---ro-bangkok/documents/publication/wcms\\_802429.pdf](https://www.ilo.org/wcmsp5/groups/public/---asia/---ro-bangkok/documents/publication/wcms_802429.pdf)

Ioppolo, G., Cucurachi, S., Salomone, R., Saija, G., & Ciralo, L. (2014). Industrial ecology and environmental lean management: Lights and shadows. *Sustainability (Switzerland)*, 6(9), 6362–6376. <https://doi.org/10.3390/su6096362>

Irham, M. (2021). *Pengantar Ilmu Pengetahuan Lingkungan*. Syiah Kuala University Press.

Jabaay, M. J., Grcevich, L. O., Marotta, D. A., & Reynolds, J. H. (2020). Trauma and Triage: Applying the Dick and Carey Instructional Design Model to a Primary Survey Clinical Workshop. *Cureus*, 12(6). <https://doi.org/10.7759/cureus.8656>

Jan van den Akker; Brenda Bannan; Anthony E. Kelly; Nienke Nieveen; Tjeerd Plomp. (2013). Educational Design Research. In T. Plomp & N. Nieveen (Eds.), *Netherlands Institute for Curriculum Development (SLO)*. P.O. Box 2041 7500 Enschede the Netherlands. <https://doi.org/10.2307/3121583>

Junaidi, Aris, D. (2020). *PANDUAN PENYUSUNAN KURIKULUM PENDIDIKAN TINGGI DI ERA INDUSTRI 4.0 UNTUK MENDUKUNG MERDEKA BELAJAR-KAMPUS MERDEKA* (S. S. Kusumawardani (Ed.); Edisi IV). DIREKTORAT JENDERAL PENDIDIKAN TINGGI KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN. <https://doi.org/978-602-9290-26-4>

Kaiser F. (n.d.).

Kapur, D. R. (2019). *Development of Teaching-Learning Materials*. [file:///C:/FILE UNJ S3 VERA/\(PDF\) Development of Teaching-Learning Materials.html](file:///C:/FILE%20UNJ%20S3%20VERA/(PDF)%20Development%20of%20Teaching-Learning%20Materials.html)

Karlina, L. (2019). Pengaruh Model Pembelajaran Berbasis Masalah Dan Aktivitas Belajar Terhadap Hasil Belajar IPA SD. *Jurnal Teknologi Pendidikan Dan Pembelajaran*, 6(2), 106–117.

Kioupi, V., & Voulvoulis, N. (2019). Education for sustainable development: A systemic framework for connecting the SDGs to educational outcomes. *Sustainability (Switzerland)*. <https://doi.org/10.3390/su11216104>

Kollmuss, A., & Agyeman, J. (2002). Mind the Gap: Why do people act

- environmentally and what are the barriers to pro-environmental behavior? *Environmental Education Research*, 8(3), 239–260.  
<https://doi.org/10.1080/13504620220145401>
- Kopnina, H. (2019). Education for sustainable development (ESD): the turn away from ‘environment’ in environmental education? In *Environmental and Sustainability Education Policy*. <https://doi.org/10.4324/9780203732359-9>
- Krajhanzl, J. (2010). Environmental and Proenvironmental Behavior. *School and Health Health Education: International Experiences*, 21(January 2010), 251–274.
- Larson, L. R., Stedman, R. C., Cooper, C. B., & Decker, D. J. (2015). Understanding the multi-dimensional structure of pro-environmental behavior. *Journal of Environmental Psychology*, 43, 112–124.  
<https://doi.org/10.1016/j.jenvp.2015.06.004>
- Latar, A. M. (2016). *Pengolahan Limbah Industri* (R. Erang (Ed.); 1st ed.). Andi Offset.
- Liesnoor, D., Sunarko, S., Sri, R., & Sedyawati, M. R. (2014). *PENDIDIKAN LINGKUNGAN HIDUP Buku Ajar MKU UNIVERSITAS NEGERI SEMARANG FEBRUARI 2014* (D. L. S. S. Rudatin & S. M. R. Sedyawati (Eds.)). [http://konservasi.unnes.ac.id/wp-content/uploads/2014/02/Buku-Ajar-PLH-2014\\_Feb.pdf](http://konservasi.unnes.ac.id/wp-content/uploads/2014/02/Buku-Ajar-PLH-2014_Feb.pdf)
- Ma'ruf, M., Surya, S., & Apriliany, P. D. (2016). Knowledge, Attitudes and Behavior of University Students towards Environmental Issues in Indonesia. *Sains Humanika*, 8(1–2). <https://doi.org/10.11113/sh.v8n1-2.836>
- Magdalena, I., Prabandani, R. O., Rini, E. S., Fitriani, M. A., & Putri, A. A. (2020). Analisis pengembangan bahan ajar. *Nusantara: Jurnal Pendidikan Dan Ilmu Sosial*.
- Mahmood, Q., Shaheen, S., Bilal, M., Tariq, M., Zeb, B. S., Ullah, Z., & Ali, A. (2019). Chemical pollutants from an industrial estate in Pakistan: a threat to environmental sustainability. *Applied Water Science*.  
<https://doi.org/10.1007/s13201-019-0920-1>
- Mahmud, M. M., Yaacob, Y., Ramachandiran, C. R., Ching, W. S., & Ismail, O. (2018). Theories into Practices: Bloom’s Taxonomy, Comprehensive Learning Theories (CLT) and E-Assessments. *Proceeding Book of 1 St International Conference on Educational Assessment and Policy*, 2(February), 22–27. <https://doi.org/10.26499/iceap.v2i1.91>
- Martin-Vega, L. a, & Maynard, H. (2004). Maynard’s Industrial Engineering Handbook. *Maynard’s Industrial Engineering Handbook*, 2567.
- Maryati, I. (2018). Penerapan Model Pembelajaran Berbasis Masalah Pada Materi Pola Bilangan Di Kelas Vii Sekolah Menengah Pertama. *Mosharafa: Jurnal Pendidikan Matematika*, 7(1), 63–74.  
<https://doi.org/10.31980/mosharafa.v7i1.342>

Mei, O. J., Ling, K. C., & Piew, T. H. (2012). The antecedents of green purchase intention among Malaysian consumers. *Asian Social Science*, 8(13), 248–263. <https://doi.org/10.5539/ass.v8n13p248>

MENTERI PENDIDIKAN DAN KEBUDAYAAN REPUBLIK INDONESIA. (2020). *PERATURAN MENTERI PENDIDIKAN DAN KEBUDAYAAN REPUBLIK INDONESIA NOMOR 3 TAHUN 2020 TENTANG STANDAR NASIONAL PENDIDIKAN TINGGI*.

Muhammad, H. (2020). Menyiapkan Pembelajaran di Masa Pandemi: Tantangan dan Peluang. *Kementerian Pendidikan Dan Kebudayaan*, 1–22.

Muqodas, R. Z., Sumardi, K., & Berman, E. T. (2015). Desain Dan Pembuatan Bahan Ajar Berdasarkan Pendekatan Saintifik Pada Mata Pelajaran Sistem Dan Instalasi Refrigerasi. *Journal of Mechanical Engineering Education*, 2(1), 106. <https://doi.org/10.17509/jmee.v2i1.1160>

Nova, V., Raja, L., Juartini, T., Purnomo, J., Assidiq, M. N., Hadiwijaya, S., & Butarbutar, F. (2023). *PERANCANGAN TATA LETAK FASILITAS TEMPAT PENGOLAHAN SAMPAH REDUCE, REUSE, RECYCLE DI KOMPLEKS BINA LINDUNG RW 011, JATICEMPAKA, BEKASI*. 5(September), 1173–1183.

Nur Fitriana, D. E., Miyarsah, M., & Rusdi, R. (2019). Analysis of Pro-Environmental Behavior (PEB) through Motivation of Senior High School Students. In *Biodik* (Vol. 5, Issue 1, pp. 12–19). <https://doi.org/10.22437/bio.v5i1.6277>

Nurbaiti, T., Harefa, S., Zaky, M., Pati, H. K., & Nurhayati, Nu. (2021). Sustainability UMKM di Era Teknologi Green Industry. *Adibrata Jurnal*, 2(1), 126–134.

Nurhayati, N., Mardiana, N., & ... (2021). Penerapan Model Pembelajaran Berbasis Masalah Problem Based Learning (Pbl) Pada Pelajaran Bahasa Indonesia Guna .... In *Jurnal Pendidikan* .... <https://stkipsetiabudhi.e-journal.id/jpds/article/download/96/70>

Nurjanah, N., & Trimulyono, G. (2022). Pengembangan E-LKPD Berbasis Problem Based Learning untuk Melatihkan Keterampilan Berpikir Kritis pada Materi Hereditas Manusia. *Berkala Ilmiah Pendidikan Biologi (BioEdu)*, 11(3), 765–774. <https://doi.org/10.26740/bioedu.v11n3.p765-774>

Olsson, U. (2022). Power Properties of Ordinal Regression Models for Likert Type Data. *Practical Assessment, Research and Evaluation*, 27. <https://doi.org/10.7275/er28-5992>

Palinkas, L. A., & Wong, M. (2020). Global climate change and mental health. *Current Opinion in Psychology*, 32, 12–16. <https://doi.org/10.1016/j.copsyc.2019.06.023>

Palupi, T., & Sawitri, D. R. (2017). Hubungan Antara Sikap Dengan Perilaku Pro-Lingkungan Ditinjau dari Perspektif Theory Of Planned Behavior Relationship Between Attitude And Pro-Environmental Behavior from the

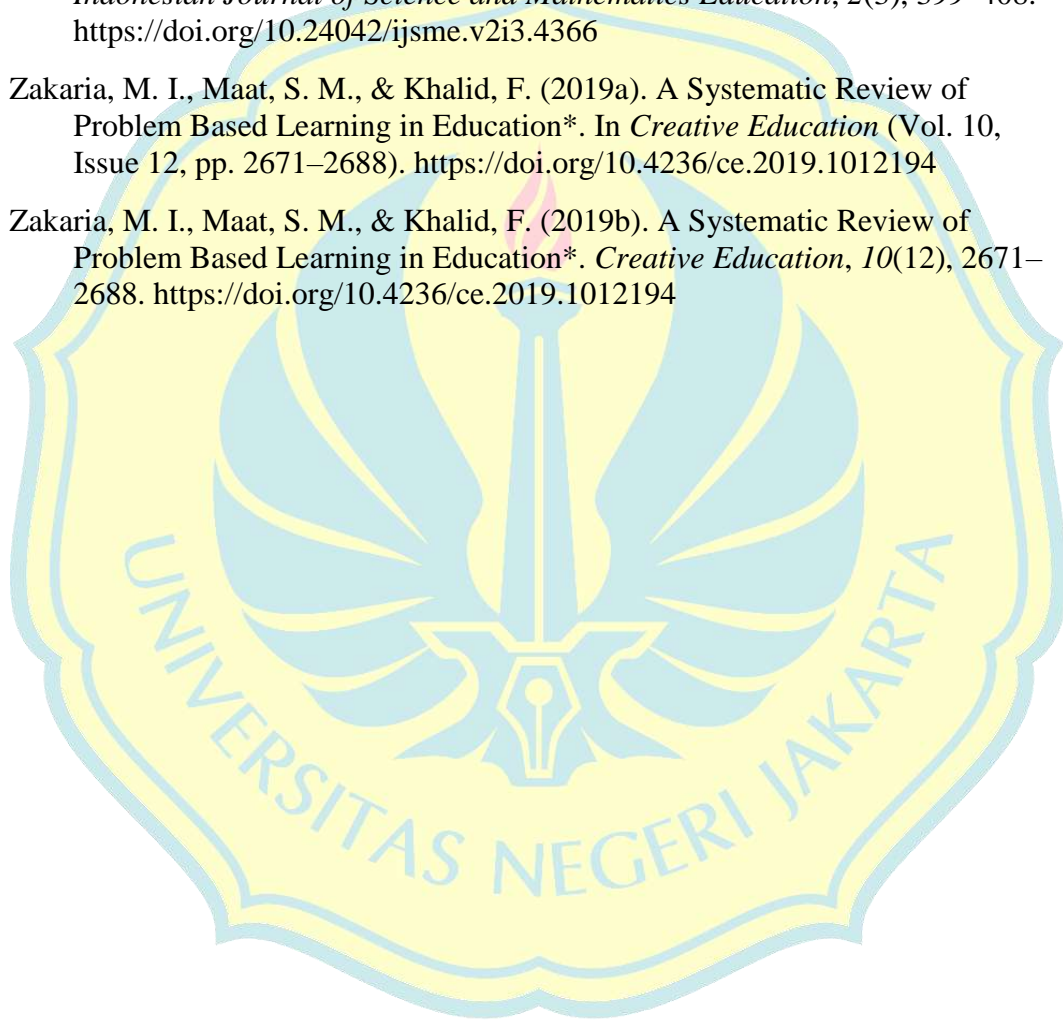
- Perspective of Theory of Planned Behavior Perilaku Pro-Lingkungan. *Proceeding Biology Education Conference*, 14(1), 214–217.  
<https://jurnal.uns.ac.id/prosbi/article/view/18936>
- Paul, I. D., Bhole, G. P., & Chaudhari, J. R. (2014). A Review on Green Manufacturing: It's Important, Methodology and its Application. *Procedia Materials Science*, 6(Icmpc), 1644–1649.  
<https://doi.org/10.1016/j.mspro.2014.07.149>
- Ponto J. (2015). Understanding and Evaluating Survey Research. *Journal of the Advanced Practitioner in Oncology*, 6(2), 168–171.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4601897/pdf/jadp-06-168.pdf>
- Priyanthi, K. A., ., Dr. Ketut Agustini, S.Si, M. S., & ., Gede Saindra Santyadiputra, S.T., M. C. (2017). Pengembangan E-Modul Berbantuan Simulasi Berorientasi Pemecahan Masalah Pada Mata Pelajaran Komunikasi Data (Studi Kasus : Siswa Kelas XI TKJ SMK Negeri 3 Singaraja). *Kumpulan Artikel Mahasiswa Pendidikan Teknik Informatika (KARMAPATI)*. <https://doi.org/10.23887/karmapati.v6i1.9267>
- Priyanto, S. H. (2012). Kriteria Baku Buku Ajar. In *Disampaikan Dalam Workshop Penulisan Buku Ajar Dosen Kopertis IV* (Vol. 31).
- Pronityastut, M. (2017). *THE EFFECT OF GENDER DIFFERENCES ON PRO ENVIRONMENTAL BEHAVIOR IN DIRECTORATE GENERAL BINAPENTA&PKK, MINISTRY OF MANPOWER, 2016*. 18(1), 21–27.  
<https://doi.org/10.21009/PLPB>
- Purnomo, H., & Wilujeng, I. (2016). Pengembangan Bahan Ajar Dan Instrumen Penilaian Ipa Tema Indahnya Negeriku Penyempurnaan Buku Guru Dan Siswa Kurikulum 2013. *Jurnal Prima Edukasia*, 4(1), 67.  
<https://doi.org/10.21831/jpe.v4i1.7697>
- Rachman, I., Sugimaru, C., & Matsumoto, T. (2020). *Use of Problem-Based Learning ( Pbl ) Model To Improve*. 3(1), 114–141.
- Retnowati, R. (2019). *BAHAN AJAR PENDIDIKAN LINGKUNGAN HIDUP. Sekolah Pascasarjana Universitas Pakuan Gedung Sekolah Pascasarjana*.  
<https://repository.unpak.ac.id/tukangna/repo/file/files-20200205042229.pdf>
- Richey, R. C., Klein, J. D., & Tracey, M. W. (2021). The Instructional Design Knowledge Base. In *Nuevos sistemas de comunicación e información*.
- Ririn Santoso, F. R. (2021). ANALISIS LITERASI LINGKUNGAN SISWA SMP. *JPPS (Jurnal Penelitian Pendidikan Sains)*, 10(02).  
<https://doi.org/https://doi.org/10.26740/jpps.v10n2.p1976-1982>
- Rojko, A. (2017). Industry 4.0 concept: Background and overview. *International Journal of Interactive Mobile Technologies*.  
<https://doi.org/10.3991/ijim.v11i5.7072>
- Rosa Yuliana, Lukman El Hakim, Tian Abdul Aziz, & Flavia Aurelia Hidayat.



- (2024). Desain Pembelajaran Model Dack and Carey Terhadap Pemahaman Konsep Matematika Pada Materi Menyederhanakan Bentuk Aljabar. *Algoritma : Jurnal Matematika, Ilmu Pengetahuan Alam, Kebumihan Dan Angkasa*, 2(4), 212–220. <https://doi.org/10.62383/algoritma.v2i4.106>
- Rusdi. (2018). Penelitian Desain dan Pengembangan Kependidikan(Konsep, Prosedur dan Sintesis Pengetahuan Baru). In *PT.RajaGrafindo Persada*.
- Sadjati, I. M. (2016). *Hakikat Bahan Ajar*.
- Samadhi. (2012). Pendidikan dan Keilmuan Teknik Industri Masa Depan di Indonesia. *Seminar Nasional Pendidikan TEKNIK INDUSTRI Konvensi*.
- Sanjaya, W. (2014). *Strategi Pembelajaran Berorientasi Standar Proses Pendidikan* (11th ed.). Jakarta Kencana 2014.
- Setyowati, D. L., Sunarko, Rudatin, & Sedyawati, S. M. R. (2014). *PENDIDIKAN LINGKUNGAN HIDUP* (D. L. Setyowati, Sunarko, Rudatin, & S. M. R. Sedyawati (Eds.)). universitas Negeri Semarang. [http://konservasi.unnes.ac.id/wp-content/uploads/2014/02/Buku-Ajar-PLH-2014\\_Feb.pdf](http://konservasi.unnes.ac.id/wp-content/uploads/2014/02/Buku-Ajar-PLH-2014_Feb.pdf)
- Shafiei, A., & Maleksaeidi, H. (2020). Pro-environmental behavior of university students: Application of protection motivation theory. *Global Ecology and Conservation*, 22. <https://doi.org/10.1016/j.gecco.2020.e00908>
- Shanbag, A., & Manjare, S. (2020). Life cycle assessment of tyre manufacturing process. *Journal of Sustainable Development of Energy, Water and Environment Systems*. <https://doi.org/10.13044/j.sdewes.d7.0260>
- Shukla, A. K. (2019). Green Marketing in India. *Green Business, March*, 181–191. <https://doi.org/10.4018/978-1-5225-7915-1.ch009>
- Simiyu, G., Kariuki, V., Ombaba, M., & Otuya, R. (2022). Does Environmental Knowledge Matter? Social Influence and Pro-Environmental Behavior in University Students: An Indirect Effect Model. *SEISENSE Journal of Management*, 5(1), 1–16. <https://doi.org/10.33215/sjom.v5i1.724>
- Singh, R., & Kumar, S. (2017). Green technologies and environmental sustainability. In *Green Technologies and Environmental Sustainability*. <https://doi.org/10.1007/978-3-319-50654-8>
- Steg, L., & Vlek, C. (2009). Encouraging pro-environmental behaviour: An integrative review and research agenda. *Journal of Environmental Psychology*, 29(3), 309–317. <https://doi.org/10.1016/j.jenvp.2008.10.004>
- Surapati, Meilani Belladona, A. (2019). *Pengetahuan Lingkungan*.
- Suryawati, E., Suzanti, F., Zulfarina, Putriana, A. R., & Febrianti, L. (2020). The implementation of local environmental problem-based learning student worksheets to strengthen environmental literacy. *Jurnal Pendidikan IPA Indonesia*, 9(2), 169–178. <https://doi.org/10.15294/jpii.v9i2.22892>
- Syahbana, A., Rasyad, S., & Rosmaya, E. (2021). Bahan Ajar Ebook Teks Cerpen

- untuk SMA. *Jurnal Tuturan*, 10(2), 82–91.
- Syamsidah, S., & Hamidah, H. (2018). Buku Model Problem Based Learning. In *Deepublish* (Vol. 1, Issue 1).  
[https://scholar.google.com/citations?view\\_op=view\\_citation&hl=en&user=ybgYAugAAAAJ&pagesize=100&citation\\_for\\_view=ybgYAugAAAAJ:hFOr9nPyWt4C](https://scholar.google.com/citations?view_op=view_citation&hl=en&user=ybgYAugAAAAJ&pagesize=100&citation_for_view=ybgYAugAAAAJ:hFOr9nPyWt4C)
- Tambunan, L., Rusdi, R., & Miarsyah, M. (2018). Effectiveness of Problem Based Learning Models by Using E-Learning and Learning Motivation Toward Students Learning Outcomes on Subject Circulation Systems. *Indonesian Journal of Science and Education*, 2(1), 96.  
<https://doi.org/10.31002/ijose.v2i1.598>
- Tan, H. Sen. (2018). Green products consumption behaviour among industrial engineering undergraduate students based on the theory of planned behaviour. *IOP Conference Series: Earth and Environmental Science*, 195(1). <https://doi.org/10.1088/1755-1315/195/1/012031>
- Utami, K. S. (2020). Green Consumers Behavior: Perilaku Konsumen dalam Pembelian Produk Ramah Lingkungan. *Jurnal Maksipreneur: Manajemen, Koperasi, Dan Entrepreneurship*, 9(2), 209.  
<https://doi.org/10.30588/jmp.v9i2.499>
- Valverde-Berrocoso, J., del Carmen Garrido-Arroyo, M., Burgos-Videla, C., & Morales-Cevallos, M. B. (2020). Trends in educational research about e-Learning: A systematic literature review (2009-2018). *Sustainability (Switzerland)*, 12(12). <https://doi.org/10.3390/su12125153>
- van den Akker, J. (1999). Principles and Methods of Development Research. In *Design Approaches and Tools in Education and Training*.  
[https://doi.org/10.1007/978-94-011-4255-7\\_1](https://doi.org/10.1007/978-94-011-4255-7_1)
- Vicente-Molina, M. A., Fernández-Sainz, A., & Izagirre-Olaizola, J. (2018). Does gender make a difference in pro-environmental behavior? The case of the Basque Country University students. *Journal of Cleaner Production*, 176, 89–98. <https://doi.org/10.1016/j.jclepro.2017.12.079>
- Walter Dick. (1966). Penelitian Desain dan Pengembangan Kependidikan(Konsep, Prosedur dan Sintesis Pengetahuan Baru). In *The British Journal of Psychiatry*.
- Wihardjo, R. S. D., & Rahmayanti, H. (2016). Pendidikan Lingkungan Hidup. In *IPB Press* (Vol. 1, Issue 1).
- Woźniak, G., Sierka, E., & Wheeler, A. (2018). Urban and Industrial Habitats: How Important They Are for Ecosystem Services. *Ecosystem Services and Global Ecology*, September. <https://doi.org/10.5772/intechopen.75723>
- Yew, E. H. J., & Goh, K. (2016a). Problem-Based Learning: An Overview of its Process and Impact on Learning. *Health Professions Education*, 2(2), 75–79.  
<https://doi.org/10.1016/j.hpe.2016.01.004>

- Yew, E. H. J., & Goh, K. (2016b). Problem-Based Learning: An Overview of its Process and Impact on Learning. *Health Professions Education*, 2(2), 75–79. <https://doi.org/10.1016/j.hpe.2016.01.004>
- Yuan, Q. H., & Tang, L. Y. (2021). The Principles in Green Design. *E3S Web of Conferences*, 259, 1–6. <https://doi.org/10.1051/e3sconf/202125902002>
- Yulianti, E., & Gunawan, I. (2019). Model Pembelajaran Problem Based Learning (PBL): Efeknya Terhadap Pemahaman Konsep dan Berpikir Kritis. *Indonesian Journal of Science and Mathematics Education*, 2(3), 399–408. <https://doi.org/10.24042/ijjsme.v2i3.4366>
- Zakaria, M. I., Maat, S. M., & Khalid, F. (2019a). A Systematic Review of Problem Based Learning in Education\*. In *Creative Education* (Vol. 10, Issue 12, pp. 2671–2688). <https://doi.org/10.4236/ce.2019.1012194>
- Zakaria, M. I., Maat, S. M., & Khalid, F. (2019b). A Systematic Review of Problem Based Learning in Education\*. *Creative Education*, 10(12), 2671–2688. <https://doi.org/10.4236/ce.2019.1012194>



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