

REFERENCES

- Agustine, J., Nizkon, N., & Nawawi, S. (2020). Analisis Keterampilan Berpikir Kritis Peserta Didik SMA Kelas X IPA pada Materi Virus. *Assimilation: Indonesian Journal of Biology Education*, 3(1), 7–11. <https://doi.org/10.17509/AIJBE.V3I1.23297>
- Basuki, A. T. (2014). Penggunaan SPSS dalam statistik. *Yogyakarta: Danisa Media*.
- Bialik, M., Fadel, C., Trilling, B., Nilsson, P., & Groff, J. (2015). Skills for the 21st century: What should students learn. *Center for Curriculum Redesign*, 3(4), 29.
- Ekamilasari, Permanasari, A., & Pursitasari, I. D. (2021). Critical Thinking Skills And Sustainability Awareness for The Implementation of Education for Sustainable Development. *Journal of Science Education Research*, 5(1), 46–53. www.journal.uny.ac.id/jser
- Ennis, R. H. (2011). The nature of critical thinking: An outline of critical thinking dispositions and abilities. *University of Illinois*, 2(4), 1-8.
- Facione, P. A. (2011). Critical Thinking: What It is and Why It Counts. *Insight assessment*, 1(1), 1-23.
- Heard, J., Scoular, C., Duckworth, D., Ramalingam, D., & Teo, I. (2020). Critical thinking: Skill development framework.
- Irhasyuarna, Y., Kusasi, M., Fahmi, F., Fajeriadi, H., Aulia, W. R., Nikmah, S., & Rahili, Z. (2022). Integrated Science Teaching Materials with Local Wisdom Insights to Improve Students' Critical Thinking Ability. *BIO-INOVED : Jurnal Biologi-Inovasi Pendidikan*, 4(3), 328. <https://doi.org/10.20527/bino.v4i3.14148>
- Mayarni, M., & Nopiyanti, E. (2021). Critical and Analytical Thinking Skill in Ecology Learning: A Correlational Study. *JPBI (Jurnal Pendidikan Biologi Indonesia)*, 7(1), 63–70. <https://doi.org/10.22219/jpbi.v7i1.13926>
- Purnami, W., Ashadi, Suranto, Sarwanto, Sumintono, B., & Wahyu, Y. (2021). Investigation Of Person Ability And Item Fit Instruments Of Eco Critical

- Thinking Skills In Basic Science Concept Materials For Elementary Pre-Service Teachers. *Jurnal Pendidikan IPA Indonesia*, 10(1), 127–137. <https://doi.org/10.15294/jpii.v10i1.25239>
- Purnami, W., Sarwanto, S., Suranto, S., Suyanti, R. D., & Mocerino, M. (2021). Investigation of Science Technology Ecocultural Society (STeCS) Model to Enhance Eco Critical Thinking Skills. *Journal of Innovation in Educational and Cultural Research*, 2(2), 77–85. <https://doi.org/10.46843/jiecr.v2i2.40>
- Sari, R. I., Karyanto, P., & Muzzazinah. (2019). Analysis of Critical Thinking Skills of Senior High School Students in Biological Learning. *Journal of Physics: Conference Series*, 1338(1). <https://doi.org/10.1088/1742-6596/1338/1/012031>
- Sole, F. B., & Anggraeni, D. M. (2018). Inovasi Pembelajaran Elektronik dan Tantangan Guru Abad 21. *Jurnal Penelitian Dan Pengkajian Ilmu Pendidikan: E-Saintika*, 2(1), 10. <https://doi.org/10.36312/e-saintika.v2i1.79>
- Syahrul, R., Sumarmin, R., Helendra, H., & Yogica, R. (2021). Analisis Berpikir Kritis Siswa SMAN 4 Padang pada Materi Pencemaran Lingkungan. *Jurnal Eksakta Pendidikan (Jep)*, 5(1), 25–32. <https://doi.org/10.24036/jep/vol5-iss1/565>
- Wayudi, M., & Santoso, B. (2020). *Kajian analisis keterampilan berpikir kritis siswa sekolah menengah atas*. 5(1), 67–82. <https://doi.org/10.17509/jpm.v4i2.18008>
- Rakhmawati, T. Y. (2015). Analisis Keterampilan Berpikir Kritis Siswa SMA Adiwiyata dan SMA Non-Adiwiyata di Tuban. *Berkala Ilmiah Pendidikan Biologi (BioEdu)*, 4(3).
- Zuhra, F., & Arifiyanti, F. (2021). The Analysis of Students ' Critical Thinking and Scientific Literacy Skills. *Indonesian Review of Physics (IRiP)*, 4(1), 32–38. <https://doi.org/10.12928/irip.v4i1.3980>