

## DAFTAR PUSTAKA

- Al-Alawneh, M. K., Hawamleh, M. S., Al-Jamal, D. A. H., & Sasa, G. S. (2019). Communication skills in practice. *International Journal of Learning, Teaching and Educational Research*, 18(6), 1–19. <https://doi.org/10.26803/ijlter.18.6.1>
- Astuti, Waluya, S. B., & Asikin, M. (2019). Strategi Pembelajaran Dalam Menghadapi Tantangan Era Revolusi 4.0. *Seminar Nasional Pascasarjana 2019*, 2(1), 469–473. <https://proceeding.unnes.ac.id/index.php/snpasca/article/view/327>
- Black, E. W., Beck, D., Dawson, K., Jinks, S., & Dipietro, M. (2007). The other side of the LMS: Considering implementation and use in the adoption of an LMS in online and blended learning environments. *TechTrends*, 51(2), 35–39. <https://doi.org/10.1007/s11528-007-0024-x>
- Cangara, H. (2018). *Pengantar Ilmu Komunikasi* (Edisi Keti). Rajagrafindo Persada.
- Daryanto, & Suryanto, B. (2022). *Pembelajaran Abad 21*. Gava Media.
- Ferdianto, F., & Dwiniashih. (2019). Learning Management System (LMS) schoology: Why it's important and what it looks like. *Journal of Physics: Conference Series*, 1360(1). <https://doi.org/10.1088/1742-6596/1360/1/012034>
- Garcia, L. F Sanchez., Amat, S. S., Garcia, N. M., & Colomina, S. S. (2018). Schoology As an Alternative To Traditional Teaching Tools for University Students. *EDULEARN18 Proceedings*, 1(July), 7514–7520. <https://doi.org/10.21125/edulearn.2018.1754>
- Haniah, Asminiwaty, N., & Sihombing, O. (2019). *Panduan Pengembangan Pembelajaran Tata Busanan Berbasis Teknologi Digital (Schoology) Untuk Instruktur*.
- Hasanah, F. (2021). Analisis Keterampilan Komunikasi Ilmiah Siswa Pada Pembelajaran Biologi Sma Di Masa Pandemik Covid-19 Skripsi. In *Skripsi*.
- Hernani, L., Oka, A. A., & Asih, T. (2019). Peningkatan Nilai Kognitif Biologi Menggunakan Model Blended Learning Berbasis Schoology Peserta Didik Kelas X4 Ipa Sma N 4 Metro Tahun Pelajaran 2018/2019. In *BIOEDUKASI (Jurnal Pendidikan Biologi)* (Vol. 10, Issue 2, p. 157). <https://doi.org/10.24127/bioedukasi.v10i2.2486>
- Hilyana, F. S., & Hakim, M. M. (2018). Integrating character education on physics courses with schoology-based e-learning. *Journal of Information Technology Education: Research*, 17, 577–593. <https://doi.org/10.28945/4164>
- Irawan, V. T., Sutadji, E., & Widiyanti. (2017). Blended learning based on schoology: Effort of improvement learning outcome and practicum chance in vocational high school. *Cogent Education*, 4(1).

<https://doi.org/10.1080/2331186X.2017.1282031>

- Lafiani Phita Yola, Irawan Bony, & Oprasmani Elfa. (2022). Kemampuan komunikasi sains siswa dalam mendiskusikan hasil kegiatan suatu masalah atau peristiwa pada pembelajaran biologi di SMA Negeri 3 Tanjungpinang. *Student Online Journal*, 3(1), 547–552. <https://soj.umrah.ac.id/index.php/SOJFKIP/article/view/1606>
- Levy, Eylon, B.-S., & Scherz, Z. (2009). *Teaching Scientific communication skills in science studies: does it make a difference?*
- Nofrion. (2018). *Komunikasi Pendidikan, Penerapan Teori dan Konsep Komunikasi dalam Pembelajaran*. Prenadamedia Group.
- Pritasari, A. C., Jannah, A. N., & Puspitasari, A. D. (2021). Schoology as the e-learning system for the Covid-19 pandemic period. *CITRA (Internasioal Journal Of Community Service, Informatics, Technology,Research in Education, Art and Humanities)*, 1(1), 13–27.
- Purba, A., Sipahutar, H., & Edi, S. (2019). *Comparison of Self-Regulated and Students' Learning Achievements by Using E-learning Based Schoology and Power Point on Biology Materia*. 4(11), 208–213. <https://doi.org/10.4108/eai.18-10-2018.2287189>
- Purnamawati, H. (2021). Mengembangkan Keterampilan Komunikasi dan Kolaborasi Melalui Pembelajaran Aktif dengan Pendekatan MIKiR. *Jurnal Ilmiah Universitas Batanghari Jambi*, 21(2), 664. <https://doi.org/10.33087/juibj.v21i2.1521>
- Redi, P. (2018). *Pengantar Studi (Ilmu) Komunikasi, Komunikasi Sebagai Kegiatan Komunikasi Sebagai Ilmu*. Jakarta: Prenada Media. Prenadamedia Group.
- Riardari, H., & I. (2014). *Biologi 1*. PT. Wangsa Jatra Lestari.
- Salmia, A. . Y. (2021). Peran Guru dalam Pembelajaran Abad 21 di Masa Pandemik Covid-19. *Indonesian Journal of Primary Education*, 5(1), 82–92. <http://ejournal.upi.edu/index.php/>
- Santiago, B. J., Ramírez, J. M. O., Rodríguez-Reséndiz, J., Dector, A., García, R. G., González-Durán, J. E. E., & Sánchez, F. F. (2020). Learning management system-based evaluation to determine academic efficiency performance. *Sustainability (Switzerland)*, 12(10), 1–17. <https://doi.org/10.3390/su12104256>
- Sasmito, A., Suciati, & M. (2017). Profile of Communication Skills in Biology for Xi Grade Students of "Y" Senior High School in Madiun Regency. *Unnes Science Education Journal*, 6(2), 1555–1561.
- Septikasari, R., & Frasandy, R. (2018). Keterampilan 4C Abad 21 Dalam Pembelajaran Pendidikan Dasar. *Jurnal Tarbiyah Al Awlad*, VIII, 107–117.
- Shavab, O. A. K. (2018). Schoology-Based Learning Management System (LMS) As an Innovation in History Learning. *2nd International Conference on History Education 2018 SCHOOLOGY-BASED*, 174–179.

<http://history.sps.upi.edu/wp-content/uploads/2020/07/25-Shavab-2018-Schoology-Based-Learning-Management-System-LMS-as-An-Innovation-in-History-Learning.pdf>

- Sicat, A. S. (2015). Enhancing College Students' Proficiency in Business Writing Via Schoology. *International Journal of Education and Research*, 3(1), 159–178.
- Sriyanto, W., & Kaniadewi, N. (2019). Using Schoology in the Era of IR 4.0 (Factors Analysis From Students' Perception). *International Journal for Educational and Vocational Studies*, 1(5), 451–454. <https://doi.org/10.29103/ijevs.v1i5.1573>
- Sugiyono. (2019). *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Alfabeta.
- Turiman, P., Siti, T., Tengku, M., & Osman, K. (2019). *6431-16940-1-Pb*. 9(1), 46–53.
- Utari, T. S. G. (2021). *Inovasi Pendidikan*. Prisma Press.