DAFTAR PUSTAKA

Adwinda, M. D., & Srimiati, M. (2019). Hubungan Lingkar Perut, Konsumsi Gula dan Lemak dengan Kadar Glukosa Darah Pegawai Direktorat Poltekkes Kemenkes Jakarta II. In *Nutrire Diaita* (Vol. 11, Issue 1).

Ananiadou, K., & Claro, M. (2009). *21st century skill and competences for new Millenium learners in OECD countries.* OECD publishing.

Astriansyah, L. N., & Andriarsih, L. (2023). Pasar Cah Cilik" Pembuatan Minuman Es Cincau dengan Penambahan Sari Buah Ide Wirausaha untuk Siswa di SDN 01 Babakan Kecamatan Kramat Kabupaten Tegal. *Jurnal Ilmiah Pendidikan Kebudayaan Dan Agama*, *01*(02).

Astuti, P., Sumaryoto,), & Suendarti, M. (2019). Pengaruh Kecerdasan Intelektual dan Rasa Percaya Diri terhadap Prestasi Belajar Kimia (Survei Pada Siswa SMA Swasta Di Kota Bekasi). *Jurnal Pendidikan MIPA*, *2*(3), 260–266.

Blackley, S., Rahmawati, Y., Fitriani, E., Sheffield, R., & Koul, R. (2018). Using a Makerspace approach to engage Indonesian primary students with STEM. In *Issues in Educational Research* (Vol. 28, Issue 1).

Brady, J. E., Senese, F., & Jespersen, N. D. (2007). *Chemistry: matter and its changes.*

Brown, D. F. (2004). Urban Teachers' Professed Classroom Management Strategies: Reflections of Culturally Responsive Teaching. *Urban Education*, *39*(3), 266–289. https://doi.org/10.1177/0042085904263258

Chang, R. (2004). *Kimia Dasar* (L. Simarmata, Ed.). Erlangga.

Cook, D. A. (2007). Web-based learning: pros, cons and controversies. *MEDICAL EDUCATION*, *7*(1), 37–42.

Coulter, X., & Mandell, A. (2014). Book Review: The Handbook of Transformative Learning: Theory, Research, and Practice. *Adult Education Quarterly*, *64*(1), 86–88. https://doi.org/10.1177/0741713613496615

Davidson-Shivers, G., & Rasmussen, K. (2006). *Web-Based Learning : Design, Implementation, and Evaluation*. https://doi.org/10.1007/978-3-319-67840-5

Depdiknas. (2008). *Panduan Pengembangan Bahan Ajar*. : Departemen Pendidikan Nasional Direktorat Jenderal Managemen Pendidikan Dasar dan Menengah.

Dewantara, K. H. (1994). *Bagian II : Kebudayaan*. Majelis Luhur Persatuan Taman Siswa.

Dilley, A. (2015). *What we know about critical thinking*. Partnership for 21st Century Skill.

Djamaluddin, A., & Wardana. (2019). *Belajar Dan Pembelajaran*. CV Kaaffah Learning Center.

Evanuarini, H., Thohari, I., & Safitri, A. R. (2021). *Industri Pengolahan Telur*. UB Press.

Faiz, A., Pratama, A., & Kurniawaty, I. (2022). Pembelajaran Berdiferensiasi dalam Program Guru Penggerak pada Modul 2.1. *Jurnal Basicedu*, *6*(2), 2846–2853. https://doi.org/10.31004/basicedu.v6i2.2504

Fitzpatrick, K. R. (2012). Cultural Diversity and the Formation of Identity. *Music Educators Journal*, *98*(4), 53–59. https://doi.org/10.1177/0027432112442903

Gabel, D. (1999). Improving Teaching and Learning through Chemistry Education Research: A Look to the Future*. In *Research: Science and Education 548 Journal of Chemical Education* • (Vol. 76, Issue 4).

Gay, G. (2000). *Culturally Responsive Teaching : Theory, Research, and Practice* (third). Teachers College Press.

Gopalan, V., Bakar, J. A. A., Zulkifli, A. N., Alwi, A., & Mat, R. C. (2017). A review of the motivation theories in learning. *AIP Conference Proceedings*, *1891*(1), 020043. https://doi.org/10.1063/1.5005376

Haider, A., & Jalal, S. (2018). Good Teachers and Teaching through the lens of students. *International Journal of Research*.

Hanifah, H., Susanti, S., & Adji, A. S. (2020). Perilaku dan Karakteristik Peserta Didik Berdasarkan Tujuan Pembelajaran. *Manazhim : Jurnal Manajemen Dan Ilmu Pendidikan*, *2*(1).

Hernandez, C. M., Morales, A. R., & Shroyer, M. G. (2013). The development of a model of culturally responsive science and mathematics teaching. *Cultural Studies of Science Education*, *8*(4), 803–820. https://doi.org/10.1007/s11422-013-9544-1

Ibrahim, A. R., Suharman, A., & Sari, D. K. (2021). *Bahan Ajar Kimia Pangan Kontruktivisme 5 Fhase Needam*. Bening Media Publishing.

Javad, S. , M. G. , & Rousta, S. N. (2013). The Effect Of Problem-Based Learning On Critical Thinking Ability Of Iranian Efl Students. *Journal Of Academic And Applied Studies*.

Karyadi, B. (1996). *Kimia 2*. Balai Pustaka.

Keenan, C. W., Kleinfelter, D. C., & Wood, J. H. (1984). *Kimia Untuk Universitas* (Sixth Edition). Erlangga.

Kusnaedi. (2010). *Mengolah Air Kotor untuk Air Minum*. Penebar Swadaya.

Ladson-Billings, G. (1995). But That's Just Good Teaching! The Case for Culturally Relevant Pedagogy. In *Theory into Practice* (Vol. 34, Issue 3).

Lawless, B. (2023). Editor's introduction. *Communication Teacher*, *37*(1), 1–1. https://doi.org/10.1080/17404622.2022.2123538

Lutfi. (2007). *IPA Kimia*. Esis.

Mawarnis, E. R. (2021). *Kimia Dasar II*. Deepublish.

McKimm, J., Jollie, C., & Cantillon, P. (2003). Web based learning. *BMJ*, *326*(7394), 870. https://doi.org/10.1136/bmj.326.7394.870

Mufidah, L. L. N. (2017). Memahami Gaya Belajar Untuk Meningkatkan Potensi Anak. *Martabat : Jurnal Perempuan Dan Anak*, *01*(02), 246–247.

OECD. (2019). *PISA Result in Focus*.

Oktaviani, E., Cahyana, U., & Purwanto, A. (2020). Development Of Web-Based Chemical Learning Media in Coloid System Topic Using Wordpress. *JTK (Jurnal Tadris Kimiya)*, *5*(1), 104–117. https://doi.org/10.15575/jtk.v5i1.7425

Panjaitan, A. P. (2014). *Korelasi Kebudayaan & Pendidikan : Membangun Pendidikan Berbasis Budaya Lokal*. Yayasan Pustaka Obor Indonesia.

Paprock, K. E. (1992). Mezirow, Jack. (1991). Transformative Dimensions of Adult Learning. San Francisco: Jossey-Bass, 247 pages. $29.95. *Adult Education Quarterly*, *42*(3), 195–197. https://doi.org/10.1177/074171369204200309

Paristiowati, M., Nanda, E. V., Azizah, N., Hasibuan, P., Zidna Ilmana, M., Hasan, A., & Padangsidimpuan, A. A. (2022). Chemistry Education Study Program. *Universitas Sebelas Maret*, *7*(3). https://doi.org/10.20961/jkpk.v7i3.67802

Prawiradilaga, D. S. (2013). *Mozaik Teknologi Pendidikan : E-Learning*. Prenadamedia Group.

Priyatna, A. (2013). *Pahami Gaya Belajar Anak!* PT Elex Media Komputindo.

Rahmawati, Y., Mardiah, A., Taylor, E., Taylor, P. C., & Ridwan, A. (2023). Chemistry Learning through Culturally Responsive Transformative Teaching (CRTT): Educating Indonesian High School Students for Cultural Sustainability. *Sustainability (Switzerland)*, *15*(8). https://doi.org/10.3390/su15086925

Rahmawati, Y., & Ridwan, A. (2017). *Empowering Students Chemistry Learning: yhe Integration of Ethnochemistry in Culturaally Responsive Teaching.*

Rahmawati, Y., Ridwan, A., Faustine, S., & Mawarni, P. C. (2020). Pengembangan Soft Skills Siswa Melalui Penerapan Culturally Responsive Transformative Teaching (CRTT) dalam Pembelajaran Kimia. *Jurnal Penelitian Pendidikan IPA*, *6*(1). https://doi.org/10.29303/jppipa.v6i1.317

Rahmawati, Y., Ridwan, A., Rahman, A., & Kurniadewi, F. (2019). Chemistry students' identity empowerment through etnochemistry in culturally responsive transformative teaching (CRTT). *Journal of Physics: Conference Series*, *1156*(1). https://doi.org/10.1088/1742-6596/1156/1/012032

Redecker, C., Punie, Y. , & Ferrari, A. (2012). eAssessment for 21 st Century Learning and Skills Rethinking 21 st Century Assessment. *Knowledge Creation Diffusion Utilization*, 292–305.

Rohmatun, Y. (2010). *Ensiklopedia Sstem Koloid dan Hidrokarbon* (U. Widuri & D. S. Rahayu, Eds.). ALPRIN.

Rosana, K. (2020). *Penggunaan Web-based Learning di Sekolah Menengah menggunakan Strategi Berpikir Kreatif*.

Sahara, S. (2014). *Interferensi Bahasa Betawi dalam Cerpen Mahasiswa Jurusan PBSI FTIK UIN Syarif Hidayatullah Jakarta*.

Salirawati, D., K, F. M., & Suprihatiningrum, J. (2007). *Belajar Kimia Secara Menarik*. Grasindo.

Shwartz, Y., Ben-Zvi, R., & Hofstein, A. (2006). The use of scientific literacy taxonomy for assessing the development of chemical literacy among high-school students. *Chemistry Education Research and Practice*, *7*(4).

Sidik, S. L., Fatimah, F., & Sangi, M. S. (2013). *Pengaruh Penambahan Emulsifier dan Stabilizer Terhadap Kualitas Santan Kelapa*.

Sienko, M. J., & Plane, R. A. (1957). *Chemistry*. Mc. Graw-Hill Book Company.

Siervo, M., Montagnese, C., Mathers, J. C., Soroka, K., Stephan, B. C. M., & Wells, J. C. K. (2013). Sugar consumption and global prevalence of obesity and hypertension: an ecological analysis. *Public Health Nutrition*, *17*, 587–596.

Sihotang, K. , K., F.R Molan, Ujan, A. A. ., & Ristyantoro, R. (2012). *Critical Thinking: Membangun Pemikiran Logis*. PT Pustaka Sinar Harapan.

Sleeter, C. E. (2011). *An agenda to strengthen culturally responsive pedagogy* (Vol. 10, Issue 2). http://education.waikato.ac.nz/research/files/etpc/files/2011v10n2art1.pdfpp.7-23

Sudarmin, S., Mursiti, S., & Asih, A. G. (2018). The use of scientific direct instruction model with video learning of ethnoscience to improve students' critical thinking skills. *Journal of Physics: Conference Series*, *1006*(1). https://doi.org/10.1088/1742-6596/1006/1/012011

Sugiyono. (2015). *Metode Penelitian Pendidikan*. Alfabeta, cv.

Suryati, Y. (2015). *Pengaruh Metode Pembelajaran Problem Solving Terhadap Kemampuan Berpikir Kritis Dilihat Dari Gaya Kgonitif Siswa*. Universitas Pendidikan Indonesia.

Taber, K. S. (2019). Alternative Conceptions and the Learning of Chemistry. *Israel Journal of Chemistry*, *59*(6–7), 450–469. https://doi.org/https://doi.org/10.1002/ijch.201800046

Taher, T. (2019). Peningkatan Aktivitas Belajar Siswa Melalui Pembelajaran Kimia Berbasis Budaya Lokal. *Jambura Journal of Educational Chemistry*, *01*(02).

Taylor, P., & Taylor, E. (2019). *Transformative STEAM education for sustainable development* (pp. 125–131). https://doi.org/10.1201/9780429461903-19

Treagust, D. F., Nieswandt, M., & Duit, R. (2018). Sources of students difficulties in learning Chemistry. *Educación Química*.

Waritsman, A. (2020). Kreativitas Guru dalam Mengajar Untuk Meningkatkan Motivasi Belajar Siswa DI MA Madinatul Ilmi DDI SIAPO. In *NUSANTARA: Jurnal Ilmu Pendidikan* (Vol. 1, Issue 2).

Westbroek, H. B., Klaassen, K., Bulte, A. M. W., & Pilot, A. (2005). *Characteristics of meaningful chemistry education. In K. T. Boersma, M. Goedhart, O. de Jong, & H. M. C. Eijkelhof (Eds.), Research and the quality of science education*. Springer.

Wibisana, A., Iswadi, D., Haisah, I., Fathia, N., Puspiptek Serpong Tangerang Selatan Jl Witana Harja No, K., & Selatan, T. (2020). The Effect of Emulgators Addition on Coconut Milk Emulsion Stability. In *Jurnal Ilmiah Teknik Kimia 32 Januari* (Vol. 4, Issue 1).

Widayanti, F. (2013). Pentingnya Mengetahui Gaya Belajar Siswa dalam Kegiatan Pembelajaran di Kelas. *Erudio Journal of Educational Innovation*, *2*. https://doi.org/10.18551/erudio.2-1.2

Winarno, F. G. (2004). *Kimia Pangan dan Gizi*. PT gramedia Pustaka Utama.