

DAFTAR PUSTAKA

- Amijaya, H., dan Littke, R., 2005, Microfacies and depositional environment of Tertiary Tanjung Enim low rank coal, South Sumatra Basin, Indonesia: *International Journal of Coal Geology*, v. 61, p. 197–221, doi:10.1016/j.coal.2004.07.004.
- Anggara, F., Amijaya, D.H., Harijoko, A., Tambaria, T.N., Sahri, A.A., dan Asa, Z.A.N., 2018, Rare Earth Element and Yttrium Content of Coal in the Banko Coalfield, South Sumatra Basin, Indonesia: Contributions From Tonstein Layers: *International Journal of Coal Geology*, v. 196, p. 159–172, doi:10.1016/j.coal.2018.07.006.
- Anggara, F., Petrus, H.T.B.M., Patria, A.A., dan Bangun, A.S. V., 2020, Preliminary Study of Rare Earth Element and Yttrium (REY) Content of Coal In Sangatta Coalfield, East Kalimantan, Indonesia: *Indonesian Journal on Geoscience*, v. 7, p. 305–314, doi:10.17014/ijog.7.3.305-314.
- Arbuzov, S.I., Volostnov, A. V., Rikhvanov, L.P., Mezhibor, A.M., dan Ilenok, S.S., 2011, Geochemistry of radioactive elements (U, Th) in coal and peat of northern Asia (Siberia, Russian Far East, Kazakhstan, and Mongolia): *International Journal of Coal Geology*, v. 86, p. 318–328, doi:10.1016/j.coal.2011.03.005.
- Breitfeld, H. T., Davies, L., Hall, R., Armstrong, R., Forster, M., Lister, G., Thirlwall, M., Grassineau, N., Hennig-Breitfeld, J., & van Hattum, M. W., 2020, Mesozoic paleo-Pacific subduction beneath SW Borneo: U-Pb geochronology of the Schwaner granitoids and the Pinoh metamorphic group: *Frontiers in Earth Science*, 8, 568715.
- Chen, J., Chen, P., Yao, D., Liu, Z., Wu, Y., Liu, W., dan Hu, Y., 2015, Mineralogy and geochemistry of Late Permian coals from the Donglin Coal Mine in the Nantong coalfield in Chongqing, southwestern China: *International Journal of Coal Geology*, v. 149, p. 24–40, doi:10.1016/j.coal.2015.06.014.
- Dai, S., Zhang, W., Seredin, V.V., Ward, C.R., Hower, J.C., Song, W., Wang, X., Li, X., Zhao, L., Kang, Huan., Zheng, L., Wang, P., dan Zhou, D., 2013, Factors controlling geochemical and mineralogical compositions of coals preserved within marine carbonate successions: A case study from the Heshan Coalfield, southern China: *International Journal of Coal Geology*, v. 109–110, p. 77–100, doi:10.1016/j.coal.2013.02.003.
- Dai, S., Li, T., Jiang, Y., Ward, C.R., Hower, J.C., Sun, J., Liu, J., Song, H., Wei, J., Li, Q., Xie, P., dan Huang, Q., 2015a, Mineralogical and geochemical compositions of the Pennsylvanian coal in the Hailiushu Mine, Daqingshan

- Coalfield, Inner Mongolia, China: Implications of sediment-source region and acid hydrothermal solutions: *International Journal of Coal Geology*, v. 137, p. 92–110, doi:10.1016/j.coal.2014.11.010.
- Dai, S., Finkelman, R.B., French, D., Hower, J.C., Graham, I.T., dan Zhao, F., 2021, Modes of occurrence of elements in coal: A critical evaluation: *Earth-Science Reviews*, v. 222, doi:10.1016/j.earscirev.2021.103815.
- Dai, S., Graham, I.T., dan Ward, C.R., 2016, A review of anomalous rare earth elements and yttrium in coal: *International Journal of Coal Geology*, v. 159, p. 82–95, doi:10.1016/j.coal.2016.04.005.
- Dai, S., Hower, J.C., Finkelman, R.B., Graham, I.T., French, D., Ward, C.R., Eskenazy, G., Wei, Q., dan Zhao, L., 2020a, Organic associations of non-mineral elements in coal: A review: *International Journal of Coal Geology*, v. 218, doi:10.1016/j.coal.2019.103347.
- Dai, S., Hower, J.C., Finkelman, R.B., Graham, I.T., French, D., Ward, C.R., Eskenazy, G., Wei, Q., dan Zhao, L., 2020b, Organic associations of non-mineral elements in coal: A review: *International Journal of Coal Geology*, v. 218, doi:10.1016/j.coal.2019.103347.
- Dai, S., Li, T., Seredin, V. V., Ward, C.R., Hower, J.C., Zhou, Y., Zhang, M., Song, X., Song, W., dan Zhao, C., 2014a, Origin of minerals and elements in the Late Permian coals, tonsteins, and host rocks of the Xinde Mine, Xuanwei, eastern Yunnan, China: *International Journal of Coal Geology*, v. 121, p. 53–78, doi:10.1016/j.coal.2013.11.001.
- Dai, S., Ren, D., Chou, C.L., Finkelman, R.B., Seredin, V. V., dan Zhou, Y., 2012, Geochemistry of trace elements in Chinese coals: A review of abundances, genetic types, impacts on human health, and industrial utilization: *International Journal of Coal Geology*, v. 94, p. 3–21, doi:10.1016/j.coal.2011.02.003.
- Dai, S., Yang, J., Ward, C.R., Hower, J.C., Liu, H., Garrison, T.M., French, D., dan O’Keefe, J.M.K., 2015b, Geochemical and mineralogical evidence for a coal-hosted uranium deposit in the Yili Basin, Xinjiang, northwestern China: *Ore Geology Reviews*, v. 70, p. 1–30, doi:10.1016/j.oregeorev.2015.03.010.
- Diessel, C.F.K., 1992a, *Coal-Bearing Depositional Systems*: Springer Berlin Heidelberg, doi:10.1007/978-3-642-75668-9.
- Eskenazy, G.M., 1987a, Rare earth elements and yttrium in lithotypes of Bulgarian coals.:
- Eskenazy, G.M., 1987b, Rare Earth Elements in a Sampled Coal from the Pirin Deposit, Bulgaria.:

- Fikri, H.N., Sachsenhofer, R.F., Bechtel, A., dan Gross, D., 2022, Organic geochemistry and petrography in Miocene coals in the Barito Basin (Tutupan Mine, Indonesia): Evidence for astronomic forcing in kerapah type peats: *International Journal of Coal Geology*, v. 256, doi:10.1016/j.coal.2022.103997.
- Finkelman, R.B., 1993, Trace and Minor Elements in Coal, dalam *Organic Geochemistry*, p. 593–607.
- Finkelman, R.B., Palmer, C.A., dan Wang, P., 2018, Quantification of the modes of occurrence of 42 elements in coal: *International Journal of Coal Geology*, v. 185, p. 138–160, doi:10.1016/j.coal.2017.09.005.
- Hayashi, K.-I., Fujisawa, H., Holland, H.D., dan Ohmoto, H., 1997, Geochemistry of ~ 1.9 Ga sedimentary rocks from northeastern Labrador, Canada.:
- ICCP, 2001, The new inertinite classification (ICCP System 1994): *Fuel*, v. 80, p. 459–471, www.elsevier.com/locate/fuel.
- ICCP, 1998, The new vitrinite classification (ICCP System 1994): *Fuel*, v. 77, p. 349–358.
- Kanazawa, Y., dan Kamitani, M., 2006, Rare earth minerals and resources in the world, dalam *Journal of Alloys and Compounds*, v. 408–412, p. 1339–1343, doi:10.1016/j.jallcom.2005.04.033.
- Killops, S., dan Killops, V., 2005, *An Introduction to Organic Geochemistry, Second Edition*: Blackwell Publishing.
- Kusuma, I., dan Darin, T., 1989, The Hydrocarbon Potential of the Lower Tanjung Formation, Barito Basin, S.E. Kalimantan, in *Proceedings Indonesian Petroleum Association 18th Annual Convention*,.
- Larasati, S.D.S., 2023, Mikrofases dan Rekonstruksi *Paleomire* Batubara Pada Formasi Warukin, Cekungan Barito, Daerah Kandangan, Kabupaten Hulu Sungai Selatan, Provinsi Kalimantan Selatan, Universitas Gadjah Mada : Skripsi, Tidak dipublikasikan.
- Li, B., Zhuang, X., Querol, X., Moreno, N., Yang, L., Shanguan, Y., dan Li, J., 2020, Mineralogy and geochemistry of late permian coals within the tongzi coalfield in Guizhou Province, Southwest China: *Minerals*, v. 10, doi:10.3390/min10010044.
- Mares, T.E., Radliński, A.P., Moore, T.A., Cookson, D., Thiyagarajan, P., Ilavsky, J., dan Klepp, J., 2012, Location and distribution of inorganic material in a low ash yield, subbituminous coal: *International Journal of Coal Geology*, v. 94, p. 173–181, doi:10.1016/j.coal.2011.11.011.

- Metcalf, I., 1996, Pre-Cretaceous evolution of SE Asian terranes: Geological Society Special Publication, v. 106, p. 97–122, doi:10.1144/GSL.SP.1996.106.01.09.
- Ministry of Energy and Mineral Resources Republic of Indonesia, 2021, Handbook of Energy & Economic Statistics of Indonesia., <https://www.esdm.go.id/assets/media/content/content-handbook-of-energy-and-economic-statistics-of-indonesia-2021.pdf> (accessed January 2023).
- Patria, A.A., dan Anggara, F., 2022, Petrological, mineralogical, and geochemical compositions of coal in the Ombilin Basin, West Sumatra, Indonesia: International Journal of Coal Geology, v. 262, doi:10.1016/j.coal.2022.104099.
- Pickel, W., Kus, J., Flores, D., Kalaitzidis, S., Christanis, K., Cardott, B.J., Miszkennan, M., Rodrigues, S., Hentschel, A., Hamor-Vido, M., Crosdale, P., Wagner, N., dan ICCP., 2017, Classification of liptinite – ICCP System 1994: International Journal of Coal Geology, v. 169, p. 40–61, doi:10.1016/j.coal.2016.11.004.
- Sapiie, B., dan Rifiyanto, A., 2017, Tectonics and geological factors controlling cleat development in the barito basin, Indonesia: Journal of Engineering and Technological Sciences, v. 49, p. 322–339, doi:10.5614/j.eng.technol.sci.2017.49.3.3.
- Satyana, A.H., Nugroho, D., dan Surantoko, I., 1999, Tectonic Controls on the Hydrocarbon Habitats of the Barito, Kutei, and Tarakan Basins, Eastern Kalimantan, Indonesia: Major Dissimilarities in Adjoining Basins: Journal of Asian Earth Sciences, v. 17, p. 99–122.
- Satyana, A.H., dan Silitonga, P.D., 1994a, Tectonic Reversal in East Barito Basin, South Kalimantan : Consideration of The Types of Inversion Structures and Petroleum System Significance, *in* Proceedings Indonesian Petroleum Association Twenty Third Annual Convention,.
- Satyana, A.H., dan Silitonga, P.D., 1994b, Tectonic Reversal in East Barito Basin, South Kalimantan : Consideration of The Types of Inversion Structures and Petroleum System Significance, *in* Proceedings Indonesian Petroleum Association Twenty Third Annual Convention,.
- Schroll, E., 1998, Gallium: Element and geochemistry, *in* Geochemistry, Dordrecht, Kluwer Academic Publishers, p. 257–259, doi:10.1007/1-4020-4496-8_132.
- Seredin, V. V, 1996, Rare Earth Element-bearing Coals from the Russian Far East Deposits.:

- Seredin, V. V., dan Dai, S., 2012a, Coal Deposits as Potential Alternative Sources for Lanthanides and Yttrium: *International Journal of Coal Geology*, v. 94, p. 67–93, doi:10.1016/j.coal.2011.11.001.
- Seredin, V. V., dan Dai, S., 2012b, Coal Deposits as Potential Alternative Sources for Lanthanides and Yttrium: *International Journal of Coal Geology*, v. 94, p. 67–93, doi:10.1016/j.coal.2011.11.001.
- Seredin, V. V., dan Finkelman, R.B., 2008, Metalliferous coals: A review of the main genetic and geochemical types: *International Journal of Coal Geology*, v. 76, p. 253–289, doi:10.1016/j.coal.2008.07.016.
- Shand, P., Johannesson, K.H., Chudaev, O., Chudaeva, V., dan Edmunds, W.M., 2005, Rare Earth Element Contents of High pCO₂ Groundwaters of Primorye, Russia: Mineral Stability and Complexation Controls, *in* Rare Earth Elements in Groundwater Flow Systems, Springer-Verlag, p. 161–186, doi:10.1007/1-4020-3234-x_7.
- Speight, J.G., 2005, *Handbook of Coal Analysis*: v. 166.
- Speight, J.G., 2012, *The Chemistry and Technology of Coal Third Edition*: New York, CRC Press.
- Spiro, B.F., Liu, J., Dai, S., Zeng, R., Large, D., dan French, D., 2019, Marine derived ⁸⁷Sr/⁸⁶Sr in coal, a new key to geochronology and palaeoenvironment: Elucidation of the India-Eurasia and China-Indochina collisions in Yunnan, China: *International Journal of Coal Geology*, v. 215, doi:10.1016/j.coal.2019.103304.
- Suarez-Ruiz, I., dan Crelling, J.C., 2008, *Applied Coal Petrology: The Role of Petrology in Coal Utilization*: Academic Press.
- Thomas, L., 2013, *Coal Geology*: Chicester, John Wiley & Sons.
- Wang, W., Qin, Y., Sang, S., Zhu, Y., Wang, C., dan Weiss, D.J., 2008, Geochemistry of rare earth elements in a marine influenced coal and its organic solvent extracts from the Antaibao mining district, Shanxi, China: *International Journal of Coal Geology*, v. 76, p. 309–317, doi:10.1016/j.coal.2008.08.012.
- Ward, C.R., 2002, Analysis and significance of mineral matter in coal seams: *International Journal of Coal Geology*, v. 50, p. 135–168, www.elsevier.com/locate/ijcoalgeo.
- Ward, C.R., 2016, Analysis, origin and significance of mineral matter in coal: An updated review: *International Journal of Coal Geology*, v. 165, p. 1–27, doi:10.1016/j.coal.2016.07.014.

- Weng, Z., Jowitt, S.M., Mudd, G.M., dan Haque, N., 2015, A Detailed Assessment of Global Rare Earth Element Resources: Opportunities and Challenges: *Economic Geology*, v. 110, p. 1925–1952, <http://econgeol.geoscienceworld.org/>.
- Witts, D., Hall, R., Nichols, G., dan Morley, R., 2012, A new depositional and provenance model for the Tanjung Formation, Barito Basin, SE Kalimantan, Indonesia: *Journal of Asian Earth Sciences*, v. 56, p. 77–104, doi:10.1016/j.jseaes.2012.04.022.
- Witts, D., Davies, L., & Morley, R., 2014, Uplift of the Meratus Complex: Sedimentology, biostratigraphy, provenance and structure.
- Zhang, X., Zhang, F., Chen, X., Zhang, W., dan Deng, H., 2012, REEs fractionation and sedimentary implication in surface sediments from eastern South China Sea: *Journal of Rare Earths*, v. 30, p. 614–620, doi:10.1016/S1002-0721(12)60100-8.