

DAFTAR PUSTAKA

- A Caughey, C., Nawawi, A., Anwar, S., Heriyanto, N., Abdullah, M., & Mertani, B. (1996). *Petroleum Geology of Indonesian Basins : Principles, Methods, and Application*. Pertamina BPPKA (Foreign Contractors Ventures Development Body).
- Alyahaq, S., Maulana, J., Wirasatia, D., Ilmi, N. N., & Sunardi, E. (2022). Evaluasi Dan Korelasi Batuan Induk- Minyak Bumi Berdasarkan Analisis Geokimia Hidrokarbon Di Lapangan Sp, Sub-Cekungan Jambi. *Geoscience Journal*, 6(3), 855-875.
- Baban, H., & Ahmed, S. M. (2008). Biomarker Indicators of Source and Depositional Environment for the Organic Matters Within Barsarin Formation (Upper Jurassic) in Kirkuk and Taq Taq oil fields, Northern Iraq. *Kirkuk Journal-Scientific*, 3(1), 51-72.
- Barker, R. W.,(1960). Taxonomic Notes. Society of Economic Paleontologist and Mineralogist. *Tulsa, Oklahoma*.
- Bishop, M.G., (2001). *South sumatera basin province, Indonesia: the lahat/talang akar- Cenozoic total petroleum*, Denver, Colorado: U.S. Geological Surcey.
- Bissada, K. K., Elrod, L.W., Darnell, L.M., Szymczyk, H. M., dan Trostle J.L., (1992). Geochemical Inversion – A Modern Approach to Infering Source-Rock Identity from Characteristic of Accumalated Oil and Gas, *Proceedings 21st Annual Convention, Indonesian Petroleum Association, Oktober 1992*.
- Blow, W. H. (1969) Late Middle Eocene to Recent planktonic foraminiferal biostratigraphy. In *Proceedings of the first international conference on planktonic microfossils* (Vol. 1, pp. 199-422). Leiden: Ej Brill.
- Clure, J., & Fiptiani, N. (2002). Hydrocarbon exploration in the Merang triangle, South Sumatra basin. *Proceedings Indonesian Petroleum Association., 28th Ann. Conv., 2001*.
- Connan, J., Bouroullec, J., Dessort, D., & Albrecht, P. (1986). The microbial input in carbonate-anhydrite facies of a sabkha palaeoenvironment from Guatemala: a molecular approach. *Organic Geochemistry*, 10(1-3), 29-50.
- Connan, J., & Cassou, A. M. (1980). Properties of gases and petroleum liquids derived from terrestrial kerogen at various maturation levels. *Geochimica et Cosmochimica Acta*, 44(1), 1-23.

- De Coaster., G.L., (1974). The Geology of the Central and South Sumatra Basins. *Proceedings Indonesian Petroleum Association, 3rd Annual Convention, Hal: 77 – 110.*
- Didyk, B. M., Simoneit, B. R. T., Brassell, S. T., & Eglinton, G. (1978). Organic geochemical indicators of palaeoenvironmental conditions of sedimentation. *Nature*, 272(5650), 216-222.
- Espitalié, J., Madec, M., Tissot, B., Mennig, J. J., & Leplat, P. (1977, May). Source rock characterization method for petroleum exploration. *In offshore technology conference (pp. OTC-2935). OTC.*
- Ginger, D., dan Fielding, K.2005. The Petroleum Systems and Future Potential of The South Sumatra Basin. *Proceedings Indonesian Petroleum Association, 30th Annual Convention & Exhbittion, hal 67-90.*
- Heward, A. P. (1978). Alluvial fan and lacustrine sediments from the Stephanian A and B (La Magdalena, Cinera—Matallana and Sabero) coalfields, Northern Spain. *Sedimentology*, 25(4), 451-488.
- Huang, W. – Y., & Meincshein, W.G (1979). Sterols as ecological indicators. *Geochimica, et cosmochimica acta* 43(5), 739-745.
- Jamaluddin, J., Maria, M., & Ryka, H. (2019, November). Karakterisasi Potensi Batuan Induk Hidrokarbon Berdasarkan Analisis Geokimia Material Organik Sumur Jmb, Sub-Cekungan Jambi, Cekungan Sumatra Selatan. *In Seminar Nasional Rekayasa Tropis 2023 (Vol. 2, No. 1, pp. 18-26).*
- Körmös, S., Sachsenhofer, R. F., Bechtel, A., Radovics, B. G., Milota, K., & Schubert, F. (2021). Source rock potential, crude oil characteristics and oil-to-source rock correlation in a Central Paratethys sub-basin, the Hungarian Palaeogene Basin (Pannonian basin). *Marine and petroleum geology*, 127, 104955.
- Listriyanto, L., Sutanto, S., & Basuki, R. (2016). Potensi batuan induk serpih Gumai di area BD Kabupaten Batanghari, Provinsi Sumatra Selatan. *In Seminar Kebumihan XI (Vol. 11, pp. 106-117). FTM-UPN" Veteran" Yogyakarta.*
- Lubis, P. R. A., & Ramli, T. (2021). Kerangka Sekuen Stratigrafi Sedimen Oligo-Miosen di Daerah Sarolangun, Cekungan Sumatra Selatan. *Lembaran publikasi minyak dan gas bumi*, 55(2), 103-113.

- Magoon, L. B and Dow, W.G. 1994. The Petroleum System – From Source to Trap. Oklahoma, U.S.A: *The American Association of Petroleum Geologist Tulsa*. Hal: 30 – 46
- Miall, A. D. (1985). Architectural-element analysis: a new method of facies analysis applied to fluvial deposits. *Earth-Science Reviews*, 22(4), 261-308.
- Miles, J. A. (1989). Illustrated glossary of petroleum geochemistry. *Oxford University Press, USA*.
- Muthasyabiha, S. R., Prayoga, A., Reddy Setyawan, B. S., & Fahrudi, Y. (2020). Oil to Source Rock Correlation Using Biomarker Data Through Pattern Matching and Fingerprinting Analysis in “Kitkat” Field, Jabung Block, South Sumatra Basin. *Proceeding Indonesian Petroleum Association 14-17 September 2020*.
- Nichols, G. (2009). *Sedimentology and stratigraphy*. John Wiley & Sons
- Pettijhon, F.J., 1975. *Sedimentary rocks*. (Vol 3). Harper & Row New York.
- Price, P. L., O’Sullivan, T., & Alexander, R. (1987). The nature and occurrence of oil in Seram, Indonesia. *Proceedings of IPA 16th Annual Convention*, 141–173.
- Panggabean, H., & Santy, L. D. (2012). Sejarah penimbunan cekungan Sumatera Selatan dan implikasinya terhadap waktu generasi hidrokarbon. *Jurnal Geologi dan Sumberdaya Mineral*, 22(4), 225-235.
- Peters, K.E. and Moldowan, J.M. (1993) *The Biomarker Guide. Interpreting Molecular Fossils in Petroleum and Ancient Sediments*. Prentice Hall, New Jersey.
- Peters, K. E., & Cassa, M. R. (1994). Applied Source Rock Geochemistry. In L. B. Magoon & W. G. Dow (Ed.), *The Petroleum System - From Source to Trap* (hal. 93–120). *The American Association of Petroleum Geologist Memoir 60*.
- Peters, K E, Walters, C. C., & Moldowan, J. M. (2005b). *The Biomarker Guide: Volume 2: Biomarkers and Isotopes in Petroleum Systems and Earth History (2nd ed., Vol. 2)*. Cambridge University Press.
- Penggalih, S.M. (2018). *Studi Kelayakan Formasi Lahat, Talang Akar dan Gumai Sebagai Batuan Induk Gas Serpih Dengan Analisis Geokimia Organik dan Indeks Kegetasan*. (Skripsi, Institut Teknologi Bandung, 2018). Diakses: Perpustakaan Digital - Digilib ITB - Digital Library.

- Peters, K.E. (2020). Quantity - quality- maturity, Δ Log R, geochemical logs, fractional conversion, origin TOC, drilling additives. Lecture 3: Rock-Eval Pyrolysis/TOC- Youtube.
- Pulunggono, A., S., Agus Haryo, Kosuma, and Christine G., (1992). Pre-Tertiary and Tertiary Fault Systems as a Framework of The South Sumatra Basin; A Study of SAR-Maps. *Proceeding Indonesian Petroleum Association 21st Annual Convention and Exhibition*, p. 339-360
- Rahmad, B., & Sugeng Widada, S. W. (2015). Wisata Taman Nasional Bukit Duabelas (TNBD) hubungannya dengan Petrologi Organik dan Polen Sub-Cekungan Jambi, Provinsi Jambi, Sumatera (Similarity Result). *Geoheritage Confrence Indonesia Malaysia UPN & UKM*.
- Riyandhani, C. P. (2022). Potensi Batuan Induk Formasi Talang Akar Dan Lemat Penghasil Hidrokarbon Di Cekungan Sumatra Selatan. *Jurnal Penelitian dan Karya Ilmiah Lembaga Penelitian Universitas Trisakti*, 164-172.
- Riva, A., Caccialanza, P. G., & Quagliaroli, F. (1988). Recognition of 18 β (H) oleanane in several crudes and Tertiary-Upper Cretaceous sediments. Definition of a new maturity parameter. *Organic Geochemistry*, 13(4-6), 671-675.
- Robinson, K.M., 1991. Geochemical Study of Outcrop Samples, Gas Seeps and Oil Seeps from the Lariang and Karama Basins Northwest Sulawesi, Indonesia, I, II & III. *An internal report prepared for British Petroleum Development Ltd*.
- Salim, Y., Nana, D, dan Maryke, P. (1995). *Technical Study Report Remaining Potential of The South Sumatera Basin*. South Sumatera AMI Study Group. 128.
- Sarjono dan Sardjito. (1989). Hydrocarbon source rock identification in the South Palembang Sub-basin. *Proceedings, Indonesian Petroleum Association*.
- Satyana, A. H. (2017). Regional petroleum geochemistry of Indonesian basins: updated, and implications for future exploration. *Proceedings, Indonesian Petroleum Association 41st Annual Convention & Exhibition, May 2017*
- Satyana, A. H., & Purwaningsih, M. E. (2003). Geochemistry of the East Java Basin: new observations on oil grouping, genetic gas types and trends of hydrocarbon habitats. *Proceeding Indonesian Petroleum Association*.

- Seifert, W.K. dan Moldowan, J.M. (1980). The Effect of Thermal Stress on Source Rock Quality as Measured by Hopane Stereochemistry. *Physics and Chemistry of The Earth*, 12, 229-237.
- Simandjuntak, T.O., Budhitrisona, T., Surono, Gafoer, S., dan Amin, T.C, (1994). Peta Geologi Bersistem Indonesia, Lembar Muarobungo Sumatera. *Pusat Penelitian dan Pengembangan Geologi, Bandung*.
- Sletten, E. B. (2003). *A comparison of petroleum from reservoirs and petroleum inclusions in authigenic mineral cements-Haltenbanken* (Master's thesis).
- Suseno, P. H., Zakaria, N. M., & Subroto, E. A. (1992). Contribution of Lahat Formation as Hydrocarbon Source Rock in South Palembang Area, South Sumatera, Indonesia. *Proc. Indon. Petrol. Assoc., 21st Ann. Conv., 1992*
- Suwarna, N., Suharsono, S., Gafoer, S., Amin, T. C., & Hermanto, B. (1992). Geological Map of Sarolangun Quadrangle, Sumatra. *Research and Development Center for Geology*.
- Syamsuddin, E., Shehzad, K., & Wahyuni, S. (2019, October). Bio-markers based oil to source rock correlation and paleo-environmental interpretation: A case study from Talang Akar Formation, South Sumatra Basin, Indonesia. *In Journal of Physics: Conference Series* (Vol. 1341, No. 8, p. 082023).
- Tim PSG, (2006). *Laporan akhir kajian sedimentologi dan stratigrafi Cekungan Sumatera Selatan*. Pusat Survei Geologi Bandung
- Tissot, B. P., & Welte, D. H. (1984). From kerogen to petroleum. *Petroleum formation and occurrence*, 160-198.
- Waples, D. W. (2013). *Geochemistry in petroleum exploration*. Springer Science & Business Media.
- Waples, D. G. Dan Machihara, T., 1991, Biomarkers for geologist- A practical guide to the application of steranes and triterpanes. *in petroleum geology. Chap., 2, 5-10*
- Waples, D. W. (1985). *Geochemistry in Petroleum Exploration*. International Human Resources Development Corporation, Boston, 232p
- Walker, R. G. (1992). Facies, facies models and modern stratigraphic concepts. *Facies models: response to sea level change*.

- Wang, G., Chang, X., Wang, T. G., & Simoneit, B. R. (2015). Pregnanes as molecular indicators for depositional environments of sediments and petroleum source rocks. *Organic Geochemistry*, 78, 110-120.
- Zajuli, Moh Heri Hermiyanto, Indra Nurdiana, and Taufik Ramli. "Karakteristik Geokimia Organik dan Indeks Kegetasan Serpih Berumur Eosen-Oligosen di Sub Cekungan Jambi, Cekungan Sumatera Selatan." *Jurnal Geologi dan Sumberdaya Mineral* 24.1 (2023): 11-22.
- Zumberge, J. E. (1984). Source rocks of the La Luna formation (Upper Cretaceous) in the middle magdalena valley, Colombia. *AAPG Special Volumes* 30, 127-133