

# Ralf Littke

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

297  
papers

10,172  
citations

49  
h-index

87  
g-index

327  
ext. papers

11,509  
ext. citations

3.8  
avg, IF

6.36  
L-index

#	Paper	IF	Citations
297	Maturation and migration processes in intact source rock micro plugs induced by chemical and thermal treatment: A new approach combining Rock-Eval pyrolysis and organic petrography. <i>International Journal of Coal Geology</i> , <b>2022</b> , 251, 103938	5.5	0
296	Numerical 3D modeling of burial and temperature history, source rock maturity, and hydrocarbon generation in the onshore northeastern Netherlands. <i>International Journal of Earth Sciences</i> , <b>2022</b> , 111, 1033-1055	2.2	0
295	Down under and under Cover The Tectonic and Thermal History of the Cooper and Central Eromanga Basins (Central Eastern Australia). <i>Geosciences (Switzerland)</i> , <b>2022</b> , 12, 117	2.7	0
294	The Shahejie Formation in the Dongpu Depression, Bohai Bay Basin, China: Geochemical investigation of the origin, deposition and preservation of organic matter in a saline lacustrine environment during the Middle Eocene. <i>International Journal of Coal Geology</i> , <b>2022</b> , 253, 103967	5.5	1
293	Climatic and environmental conditions during the Pleistocene in the Central Qaidam Basin, NE Tibetan Plateau: Evidence from GDGTs, stable isotopes and major and trace elements of the Qigequan Formation. <i>International Journal of Coal Geology</i> , <b>2022</b> , 254, 103958	5.5	0
292	Petroleum Generation Potential of the Lower Palaeozoic Organic Matter-Rich Shales in the Central Part of the Baltic Sedimentary Basin. <i>Advances in Science, Technology and Innovation</i> , <b>2022</b> , 383-386	0.3	
291	Organic petrologic and geochemical characterization of petroleum source rocks in the Middle Jurassic Dameigou Formation, Qaidam Basin, northwestern China: Insights into paleo-depositional environment and organic matter accumulation. <i>International Journal of Coal Geology</i> , <b>2022</b> , 104038	5.5	0
290	Reduction of Shale Permeability by Temperature-Induced Creep. <i>SPE Journal</i> , <b>2021</b> , 26, 750-764	3.1	0
289	Experimental Investigation of Gas Dynamic Effects Using Nanoporous Synthetic Materials as Tight Rock Analogues. <i>Transport in Porous Media</i> , <b>2021</b> , 137, 519-553	3.1	2
288	Quantitative hydrocarbon generation and charge risk assessment in the NW Persian Gulf: A 3D basin modeling approach. <i>Marine and Petroleum Geology</i> , <b>2021</b> , 126, 104900	4.7	5
287	Pore structure and sorption capacity investigations of Ediacaran and Lower Silurian gas shales from the Upper Yangtze platform, China. <i>Geomechanics and Geophysics for Geo-Energy and Geo-Resources</i> , <b>2021</b> , 7, 1	3.8	1
286	Characterization of Late Cretaceous to Miocene source rocks in the Eastern Mediterranean Sea: An integrated numerical approach of stratigraphic forward modelling and petroleum system modelling. <i>Basin Research</i> , <b>2021</b> , 33, 846-874	3.2	4
285	Molecular differences in sequential extracts obtained by core flooding of the early mature ultra-tight Posidonia Shale. <i>Marine and Petroleum Geology</i> , <b>2021</b> , 123, 104709	4.7	1
284	Peculiar Berriasian Wealden Shales of northwest Germany: Organic facies, depositional environment, thermal maturity and kinetics of petroleum generation. <i>Marine and Petroleum Geology</i> , <b>2021</b> , 124, 104819	4.7	8
283	Paleo-depositional environment, origin and characteristics of organic matter of the Triassic Chang 7 Member of the Yanchang Formation throughout the mid-western part of the Ordos Basin, China. <i>International Journal of Coal Geology</i> , <b>2021</b> , 237, 103636	5.5	8
282	Origins of hydrocarbons in the Geneva Basin: insights from oil, gas and source rock organic geochemistry. <i>Swiss Journal of Geosciences</i> , <b>2021</b> , 114,	2.1	1
281	Geochemical and sedimentary facies study Implication for driving mechanisms of organic matter enrichment in the lower Silurian fine-grained mudstones in the Baltic Basin (W Lithuania). <i>International Journal of Coal Geology</i> , <b>2021</b> , 244, 103815	5.5	4

280	An Integrated Imaging Study of the Pore Structure of the Cobourg Limestone A Potential Nuclear Waste Host Rock in Canada. <i>Minerals (Basel, Switzerland)</i> , <b>2021</b> , 11, 1042	2.4	2
279	High microbial gas potential of Pleistocene lacustrine deposits in the central Qaidam Basin, China: An organic geochemical and petrographic assessment. <i>International Journal of Coal Geology</i> , <b>2021</b> , 245, 103818	5.5	2
278	Kerogen composition and origin, oil and gas generation potential of the Berriasian Wealden Shales of the Lower Saxony Basin. <i>International Journal of Coal Geology</i> , <b>2021</b> , 246, 103831	5.5	2
277	Simultaneous determination of the effective stress coefficients for permeability and volumetric strain on a tight sandstone. <i>Journal of Natural Gas Science and Engineering</i> , <b>2021</b> , 95, 104186	4.6	2
276	Stress sensitivity of porosity and permeability of Cobourg limestone. <i>Engineering Geology</i> , <b>2020</b> , 273, 105632	6	17
275	Comparative geochemical and pyrolytic study of coals, associated kerogens, and isolated vitrinites at the limit between subbituminous and bituminous coal. <i>International Journal of Coal Geology</i> , <b>2020</b> , 227, 103517	5.5	2
274	Depositional history of low-mature coals from the Puyang Basin, Yunnan Province, China. <i>International Journal of Coal Geology</i> , <b>2020</b> , 221, 103428	5.5	8
273	The relation between petrophysical and transport properties of the Boom Clay and Eigenbilzen Sands. <i>Applied Geochemistry</i> , <b>2020</b> , 114, 104527	3.5	1
272	Linking petrographical and petrophysical properties to transport characteristics: A case from Boom Clay and Eigenbilzen Sands. <i>Applied Clay Science</i> , <b>2020</b> , 190, 105568	5.2	
271	Controls on gas storage characteristics of Upper Paleozoic shales from the southeastern Ordos Basin. <i>Marine and Petroleum Geology</i> , <b>2020</b> , 117, 104377	4.7	11
270	Formation of Organic-Rich Sediments and Sedimentary Rocks <b>2020</b> , 475-492		0
269	Comparison of single- and multi-ramp bulk kinetics for a natural maturity series of Westphalian coals: Implications for modelling petroleum generation. <i>International Journal of Coal Geology</i> , <b>2020</b> , 219, 103378	5.5	7
268	Petrophysical characterization of low-permeable carbonaceous rocks: Comparison of different experimental methods. <i>Marine and Petroleum Geology</i> , <b>2020</b> , 122, 104658	4.7	5
267	Depositional environment and thermal maturity of the coal-bearing Longtan Shale in southwest Guizhou, China: Implications for shale gas resource potential. <i>International Journal of Coal Geology</i> , <b>2020</b> , 231, 103607	5.5	8
266	Depositional environment, thermal maturity and shale oil potential of the Cretaceous Qingshankou Formation in the eastern Changling Sag, Songliao Basin, China: An integrated organic and inorganic geochemistry approach. <i>International Journal of Coal Geology</i> , <b>2020</b> , 232, 103621	5.5	11
265	SOURCE ROCK POTENTIAL AND DEPOSITIONAL ENVIRONMENT OF MIDDLE [UPPER JURASSIC SEDIMENTARY ROCKS, BLUE NILE BASIN, ETHIOPIA. <i>Journal of Petroleum Geology</i> , <b>2020</b> , 43, 401-417	1.9	2
264	Depositional history, source rock quality and thermal maturity of Upper Ordovician - Lower Silurian organic-rich sedimentary rocks in the central part of the Baltic Basin (Lithuania). <i>Marine and Petroleum Geology</i> , <b>2020</b> , 112, 104083	4.7	7
263	Ediacaran, Cambrian, Ordovician, Silurian and Permian shales of the Upper Yangtze Platform, South China: Deposition, thermal maturity and shale gas potential. <i>International Journal of Coal Geology</i> , <b>2019</b> , 216, 103281	5.5	17

262	Tectono-thermal evolution of Oman's Mesozoic passive continental margin under the obducting Semail Ophiolite: a case study of Jebel Akhdar, Oman. <i>Solid Earth</i> , <b>2019</b> , 10, 149-175	3.3	34
261	Palynological and organic geochemical studies of the Upper Jurassic-Lower Cretaceous successions, Western Desert, Egypt: Implications for paleoenvironment and hydrocarbon source rock potential. <i>International Journal of Coal Geology</i> , <b>2019</b> , 211, 103207	5.5	3
260	Bolsovian (Pennsylvanian) tropical peat depositional environments: The example of the Ruhr Basin, Germany. <i>International Journal of Coal Geology</i> , <b>2019</b> , 211, 103209	5.5	17
259	Hydrocarbon charge assessment of frontier basins – a case study of the oceanic crust of the Moroccan Atlantic margin. <i>Petroleum Geoscience</i> , <b>2019</b> , 25, 151-168	1.9	0
258	Geochemical and petrographic investigation of Triassic and Late Miocene organic-rich intervals from onshore Cyprus, Eastern Mediterranean. <i>International Journal of Coal Geology</i> , <b>2019</b> , 209, 94-116	5.5	6
257	Formation of Organic-Rich Sediments and Sedimentary Rocks <b>2019</b> , 1-18		
256	The influence of partial hydrocarbon saturation on porosity and permeability in a palaeogene lacustrine shale-hosted oil system of the Bohai Bay Basin, Eastern China. <i>International Journal of Coal Geology</i> , <b>2019</b> , 207, 26-38	5.5	8
255	BURIAL, TEMPERATURE AND MATURATION HISTORY OF CRETACEOUS SOURCE ROCKS IN THE NW PERSIAN GULF, OFFSHORE SW IRAN: 3D BASIN MODELLING. <i>Journal of Petroleum Geology</i> , <b>2019</b> , 42, 125-144	1.9	4
254	Geochemical and petrographic analyses of new petroleum source rocks from the onshore Upper Jurassic and Lower Cretaceous of Lebanon. <i>International Journal of Coal Geology</i> , <b>2019</b> , 204, 70-84	5.5	5
253	Organic petrology and geochemistry of Triassic and Jurassic coals of the Tabas Basin, Northeastern/Central Iran. <i>International Journal of Coal Science and Technology</i> , <b>2019</b> , 6, 354-371	4.5	4
252	Thermal Effects of Magmatism on Surrounding Sediments and Petroleum Systems in the Northern Offshore Taranaki Basin, New Zealand. <i>Geosciences (Switzerland)</i> , <b>2019</b> , 9, 288	2.7	9
251	Petrophysical and geochemical characterization of potential unconventional gas shale reservoirs in the southern Karoo Basin, South Africa. <i>International Journal of Coal Geology</i> , <b>2019</b> , 212, 103249	5.5	9
250	Methane sorption behaviour of coals altered by igneous intrusion, South Sumatra Basin. <i>International Journal of Coal Geology</i> , <b>2019</b> , 214, 103250	5.5	5
249	Changes of composition and content of tricyclic terpane, hopane, sterane, and aromatic biomarkers throughout the oil window: A detailed study on maturity parameters of Lower Toarcian Posidonia Shale of the Hils Syncline, NW Germany. <i>Organic Geochemistry</i> , <b>2019</b> , 138, 103928	3.1	19
248	Accessibility and mobility of hydrocarbons in lacustrine shale: Solvent flow-through extraction experiments on Eocene oil shales from Bohai Bay Basin, eastern China. <i>Organic Geochemistry</i> , <b>2019</b> , 127, 23-36	3.1	9
247	Lacustrine Type I kerogen characterization at different thermal maturity levels: Application to the Late Cretaceous Yacoraite Formation in the Salta Basin (Argentina). <i>International Journal of Coal Geology</i> , <b>2019</b> , 203, 15-27	5.5	6
246	Multiphase Structural Evolution of a Continental Margin During Obduction Orogeny: Insights From the Jebel Akhdar Dome, Oman Mountains. <i>Tectonics</i> , <b>2018</b> , 37, 888-913	4.3	31
245	The Posidonia Shale of northern Germany: unconventional oil and gas potential from high-resolution 3D numerical basin modelling of the cross-junction between the eastern Lower Saxony Basin, Pompeckj Block and Gifhorn Trough. <i>Geological Society Special Publication</i> , <b>2018</b> , 469, 399-421	1.7	3

244	Petrographical and geochemical characterization of sub-bituminous coals from mines in the Cesar-Ranchería Basin, Colombia. <i>International Journal of Coal Geology</i> , <b>2018</b> , 191, 66-79	5.5	7
243	Methane sorption and storage characteristics of organic-rich carbonaceous rocks, Lurestan province, southwest Iran. <i>International Journal of Coal Geology</i> , <b>2018</b> , 186, 51-64	5.5	32
242	Organic geochemistry, petrology and palynofacies of Middle Devonian lacustrine flagstones in the Orcadian Basin, Scotland: depositional environment, thermal history and petroleum generation potential. <i>Geological Magazine</i> , <b>2018</b> , 155, 773-796	2	3
241	Chemical and structural changes in vitrinites and megaspores from Carboniferous coals during maturation. <i>International Journal of Coal Geology</i> , <b>2018</b> , 185, 91-102	5.5	27
240	Petrophysical reservoir-rock properties and source-rock characterization of Abu Roash Formation in Wadi El-Rayan oil field, Western Desert, Egypt. <i>Arabian Journal of Geosciences</i> , <b>2018</b> , 11, 1	1.8	0
239	Pore structure, gas storage and matrix transport characteristics of lacustrine Newark shale. <i>Marine and Petroleum Geology</i> , <b>2018</b> , 97, 525-539	4.7	30
238	The impact of Quaternary glaciation on temperature and pore pressure in Jurassic troughs in the Southern Permian Basin, northern Germany. <i>Geological Society Special Publication</i> , <b>2018</b> , 469, 371-398	1.7	5
237	Assessment of unconventional shale gas potential of organic-rich Mississippian and Lower Pennsylvanian sediments in western Germany. <i>International Journal of Coal Geology</i> , <b>2018</b> , 198, 29-47	5.5	15
236	Source rock potential and depositional environment of Upper Cretaceous sedimentary rocks, Abu Gharadig Basin, Western Desert, Egypt: An integrated palynological, organic and inorganic geochemical study. <i>International Journal of Coal Geology</i> , <b>2018</b> , 186, 14-40	5.5	23
235	Liberation of hydrogen-containing gases during closed system pyrolysis of immature organic matter-rich shales. <i>International Journal of Coal Geology</i> , <b>2018</b> , 185, 23-32	5.5	8
234	Source rock characterization of mesozoic to cenozoic organic matter rich marls and shales of the Eratosthenes Seamount, Eastern Mediterranean Sea. <i>Oil and Gas Science and Technology</i> , <b>2018</b> , 73, 49	1.9	9
233	Integrated 3D forward stratigraphic and petroleum system modeling of the Levant Basin, Eastern Mediterranean. <i>Basin Research</i> , <b>2018</b> , 31, 228	3.2	7
232	An overview on source rocks and the petroleum system of the central Upper Rhine Graben. <i>International Journal of Earth Sciences</i> , <b>2017</b> , 106, 707-742	2.2	10
231	Organic geochemistry and petrology of Posidonia Shale (Lower Toarcian, Western Europe) □The evolution from immature oil-prone to overmature dry gas-producing kerogen. <i>International Journal of Coal Geology</i> , <b>2017</b> , 176-177, 36-48	5.5	31
230	Interplay of molecular size and pore network geometry on the diffusion of dissolved gases and HTO in Boom Clay. <i>Applied Geochemistry</i> , <b>2017</b> , 76, 182-195	3.5	14
229	Enhanced surface flatness of vitrinite particles by broad ion beam polishing and implications for reflectance measurements. <i>International Journal of Coal Geology</i> , <b>2017</b> , 180, 113-121	5.5	19
228	Molecular hydrogen (H <sub>2</sub> ) and light hydrocarbon gases generation from marine and lacustrine source rocks during closed-system laboratory pyrolysis experiments. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2017</b> , 126, 275-287	6	13
227	Syn- and post-depositional sand bodies in lignite □the role of coal analysis in their recognition. A study from the Frimmersdorf Seam, Garzweiler open-cast mine, western Germany. <i>International Journal of Coal Geology</i> , <b>2017</b> , 179, 173-186	5.5	13

226	The effect of microstructural heterogeneity on pore size distribution and permeability in Opalinus Clay (Mont Terri, Switzerland): insights from an integrated study of laboratory fluid flow and pore morphology from BIB-SEM images. <i>Geological Society Special Publication</i> , <b>2017</b> , 454, 85-106	1.7	16
225	The Miocene coal seams in the Soma Basin (W. Turkey): Insights from coal petrography, mineralogy and geochemistry. <i>International Journal of Coal Geology</i> , <b>2017</b> , 173, 110-128	5.5	44
224	Using BIB-SEM Imaging for Permeability Prediction in Heterogeneous Shales. <i>Geofluids</i> , <b>2017</b> , 2017, 1-19	1.5	6
223	The Dependency of Diffusion Coefficients and Geometric Factor on the Size of the Diffusing Molecule: Observations for Different Clay-Based Materials. <i>Geofluids</i> , <b>2017</b> , 2017, 1-16	1.5	5
222	Geochemistry, generation and maturation of the hydrocarbons at Wadi Al-Rayan oil field, Western Desert of Egypt. <i>Petroleum Science and Technology</i> , <b>2017</b> , 35, 1253-1262	1.4	2
221	Geochemical and petrophysical source rock characterization of the Vaca Muerta Formation, Argentina: Implications for unconventional petroleum resource estimations. <i>International Journal of Coal Geology</i> , <b>2017</b> , 184, 27-41	5.5	37
220	Organic geochemistry of the Lower Toarcian Posidonia Shale in NW Europe. <i>Organic Geochemistry</i> , <b>2017</b> , 106, 76-92	3.1	29
219	Solid bitumen in calcite veins from the Natih Formation in the Oman Mountains: Multiple phases of petroleum migration in a changing stress field. <i>International Journal of Coal Geology</i> , <b>2016</b> , 157, 39-51	5.5	23
218	Miocene depositional environment and climate in western Europe: The lignite deposits of the Lower Rhine Basin, Germany. <i>International Journal of Coal Geology</i> , <b>2016</b> , 157, 2-18	5.5	38
217	Late Cretaceous to Cenozoic geodynamic evolution of the Atlantic margin offshore Essaouira (Morocco). <i>Basin Research</i> , <b>2016</b> , 28, 712-730	3.2	11
216	2D petroleum system analysis of the Tarfaya Basin, on-offshore Morocco, North Africa. <i>Marine and Petroleum Geology</i> , <b>2016</b> , 77, 1108-1124	4.7	10
215	BIB-SEM pore characterization of mature and post mature Posidonia Shale samples from the Hills area, Germany. <i>International Journal of Coal Geology</i> , <b>2016</b> , 158, 78-89	5.5	91
214	Source rock evaluation and nature of hydrocarbons in the Khalda Concession, Shushan Basin, Egypt's Western Desert. <i>International Journal of Coal Geology</i> , <b>2016</b> , 162, 45-60	5.5	15
213	Thermal maturity and petroleum kitchen areas of Liassic Black Shales (Lower Jurassic) in the central Upper Rhine Graben, Germany. <i>International Journal of Earth Sciences</i> , <b>2016</b> , 105, 611-636	2.2	10
212	BURIAL, TEMPERATURE AND MATURATION HISTORY OF THE AUSTRAL AND WESTERN MALVINAS BASINS, SOUTHERN ARGENTINA, BASED ON 3D BASIN MODELLING. <i>Journal of Petroleum Geology</i> , <b>2016</b> , 39, 169-191	1.9	11
211	Thermal evolution and shale gas potential estimation of the Wealden and Posidonia Shale in NW-Germany and the Netherlands: a 3D basin modelling study. <i>Basin Research</i> , <b>2016</b> , 28, 2-33	3.2	38
210	Characterizing coal cleats from optical measurements for CBM evaluation. <i>International Journal of Coal Geology</i> , <b>2016</b> , 154-155, 176-192	5.5	44
209	Flow-through extraction of oil and gas shales under controlled stress using organic solvents: Implications for organic matter-related porosity and permeability changes with thermal maturity. <i>International Journal of Coal Geology</i> , <b>2016</b> , 157, 84-99	5.5	29

208	Estimates of shale gas contents in the Posidonia Shale and Wealden of the westcentral Lower Saxony Basin from high-resolution 3D numerical basin modelling. <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , <b>2016</b> , 167, 295-314	1.5	3
207	Investigations on the shale oil and gas potential of Westphalian mudstone successions in the Campine Basin, NE Belgium (well KB174): Palaeoenvironmental and palaeogeographical controls. <i>Geologica Belgica</i> , <b>2016</b> , 19, 225-235	0.5	3
206	Petrographical and geochemical characterization of lignites, sub-bituminous coals and carbonaceous sediments from the Erin Formation, Southern Basin, Trinidad [Implications on microfacies, depositional environment and organic matter alteration. <i>International Journal of Coal Geology</i> , <b>2016</b> , 163, 112-122	5.5	9
205	High pressure methane sorption characteristics of lacustrine shales from the Midland Valley Basin, Scotland. <i>Fuel</i> , <b>2016</b> , 182, 361-372	7.1	63
204	Geochemical composition of oils from the Gifhorn Trough and Lower Saxony Basin in comparison to Posidonia Shale source rocks from the Hils Syncline, Northern Germany. <i>Zeitschrift Der Deutschen Gesellschaft Fur Geowissenschaften</i> , <b>2016</b> , 167, 315-331	1.5	1
203	Source rock potential of the Middle Jurassic to Middle Pliocene, onshore Nile Delta Basin, Egypt. <i>Arabian Journal of Geosciences</i> , <b>2016</b> , 9, 1	1.8	9
202	Palynology, palynofacies analysis, depositional environments and source rock potential of Lower Cretaceous successions in southern Iraq. <i>Marine and Petroleum Geology</i> , <b>2016</b> , 76, 362-376	4.7	5
201	3D thermal history and maturity modelling of the Levant Basin and its eastern margin, offshore onshore Lebanon. <i>Arabian Journal of Geosciences</i> , <b>2016</b> , 9, 1	1.8	12
200	Artificial thermal maturation of source rocks at different thermal maturity levels: Application to the Triassic Montney and Doig formations in the Western Canada Sedimentary Basin. <i>Organic Geochemistry</i> , <b>2016</b> , 97, 148-162	3.1	32
199	Hydrocarbon generation and migration under a large overthrust: The carbonate platform under the Semail Ophiolite, Jebel Akhdar, Oman. <i>International Journal of Coal Geology</i> , <b>2016</b> , 168, 3-19	5.5	16
198	Multiple sulfur isotopes ( $\delta^{34}\text{S}$ , $\delta^{33}\text{S}$ ) and trace elements (Mo, U, V) reveal changing palaeoenvironments in the mid-Carboniferous Chokier Formation, Belgium. <i>Chemical Geology</i> , <b>2016</b> , 441, 47-62	4.2	5
197	2D basin modeling study of the Binak Trough, northwestern Persian Gulf, Iran. <i>Marine and Petroleum Geology</i> , <b>2016</b> , 77, 882-897	4.7	12
196	Petrographic and geochemical characterization of microfacies in a lacustrine shale oil system in the Dongying Sag, Jiyang Depression, Bohai Bay Basin, eastern China. <i>International Journal of Coal Geology</i> , <b>2016</b> , 165, 49-63	5.5	41
195	Burial history and thermal maturity of Mesozoic rocks of the Dolomites, Northern Italy. <i>Swiss Journal of Geosciences</i> , <b>2015</b> , 108, 253-271	2.1	6
194	Measuring the effective diffusion coefficient of dissolved hydrogen in saturated Boom Clay. <i>Applied Geochemistry</i> , <b>2015</b> , 61, 175-184	3.5	22
193	Optical thermal maturity parameters and organic geochemical alteration at low grade diagenesis to anchimetamorphism: A review. <i>International Journal of Coal Geology</i> , <b>2015</b> , 150-151, 74-119	5.5	99
192	Geochemical and petrographic characterization of Campanian-lower Maastrichtian calcareous petroleum source rocks of Hasbayya, South Lebanon. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 64, 304-323	4.7	33
191	BIOMARKER CHARACTERISTICS OF POTENTIAL SOURCE ROCKS IN THE JABAL NAFUSAH AREA, NW LIBYA: PETROLEUM SYSTEMS SIGNIFICANCE. <i>Journal of Petroleum Geology</i> , <b>2015</b> , 38, 119-155	1.9	6

190	Hydrocarbon potential of Ordovician-Silurian successions in Akkas field, western desert of Iraq. <i>AAPG Bulletin</i> , <b>2015</b> , 99, 617-637	2.5	2
189	Shale oil potential and thermal maturity of the Lower Toarcian Posidonia Shale in NW Europe. <i>International Journal of Coal Geology</i> , <b>2015</b> , 150-151, 127-153	5.5	40
188	The role of pre-adsorbed water on methane sorption capacity of Bossier and Haynesville shales. <i>International Journal of Coal Geology</i> , <b>2015</b> , 147-148, 1-8	5.5	90
187	Off-line-pyrolysis-gas chromatography-mass spectrometry analyses of drilling fluids and drill cuttings - identification of potential environmental marker substances. <i>Organic Geochemistry</i> , <b>2015</b> , 88, 17-28	3.1	6
186	Liberation of molecular hydrogen (H <sub>2</sub> ) and methane (CH <sub>4</sub> ) during non-isothermal pyrolysis of shales and coals: Systematics and quantification. <i>International Journal of Coal Geology</i> , <b>2015</b> , 137, 152-164	5.5	16
185	Lithological dependency and anisotropy of vitrinite reflectance in high rank sedimentary rocks of the Ibbenbüren area, NW-Germany: Implications for the tectonic and thermal evolution of the Lower Saxony Basin. <i>International Journal of Coal Geology</i> , <b>2015</b> , 137, 124-135	5.5	16
184	BIB-SEM characterization of pore space morphology and distribution in postmature to overmature samples from the Haynesville and Bossier Shales. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 59, 451-466	4.7	210
183	Understanding obduction dynamics - structural and thermal history of the Oman Mountains. <i>Geotectonic Research</i> , <b>2015</b> , 97, 40-43		2
182	Organic geochemical characterization of Santonian to Early Campanian organic matter-rich marls (Sondage No. 1 cores) as related to OAE3 from the Tarfaya Basin, Morocco. <i>Marine and Petroleum Geology</i> , <b>2014</b> , 56, 290-304	4.7	11
181	Gas saturation and CO <sub>2</sub> enhancement potential of coalbed methane reservoirs as a function of depth. <i>AAPG Bulletin</i> , <b>2014</b> , 98, 395-420	2.5	32
180	Organic facies variability in the Posidonia Black Shale from Luxembourg: Implications for thermal maturation and depositional environment. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2014</b> , 410, 316-336	2.9	26
179	Source rock potential and paleoenvironment of the Miocene Rudeis and Kareem formations, Gulf of Suez, Egypt: An integrated palynofacies and organic geochemical approach. <i>International Journal of Coal Geology</i> , <b>2014</b> , 131, 326-343	5.5	31
178	Evolution of Barnett Shale organic carbon structure and nanostructure with increasing maturation. <i>Organic Geochemistry</i> , <b>2014</b> , 71, 7-16	3.1	126
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