Chunqing Jiang

List of Publications by Year
in descending order

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52	1,783	257450	276875
papers	citations	24 h-index	41 g-index

53	53	53	1153
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Origin of perylene in ancient sediments and its geological significance. Organic Geochemistry, 2000, 31, 1545-1559.	1.8	178
2	Polycyclic aromatic hydrocarbons in ancient sediments and their relationships to palaeoclimate. Organic Geochemistry, 1998, 29, 1721-1735.	1.8	139
3	Characterization of organic matter fractions in an unconventional tight gas siltstone reservoir. International Journal of Coal Geology, 2015, 150-151, 296-305.	5.0	113
4	Hydrogen isotopic compositions of individual alkanes as a new approach to petroleum correlation: case studies from the Western Canada Sedimentary Basin. Organic Geochemistry, 2001, 32, 1387-1399.	1.8	101
5	Hydrocarbon evaporative loss from shale core samples as revealed by Rock-Eval and thermal desorption-gas chromatography analysis: Its geochemical and geological implications. Marine and Petroleum Geology, 2016, 70, 294-303.	3.3	81
6	Bakken/Madison petroleum systems in the Canadian Williston Basin. Part 2: molecular markers diagnostic of Bakken and Lodgepole source rocks. Organic Geochemistry, 2001, 32, 1037-1054.	1.8	76
7	Adsorbed and free hydrocarbons in unconventional shale reservoir: A new insight from NMR T1-T2 maps. Marine and Petroleum Geology, 2020, 116, 104311.	3.3	72
8	A revised method for organic porosity estimation in shale reservoirs using Rock-Eval data: Example from Duvernay Formation in the Western Canada Sedimentary Basin. AAPG Bulletin, 2016, 100, 405-422.	1.5	69
9	TLCâ€“FID (Iatroscan) analysis of heavy oil and tar sand samples. Organic Geochemistry, 2008, 39, 1210-1214.	1.8	65
10	A data driven model for studying kerogen kinetics with application examples from Canadian sedimentary basins. Marine and Petroleum Geology, 2015, 67, 795-803.	3.3	60
11	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. Organic Geochemistry, 2016, 97, 148-162.	1.8	55
12	Model-assisted Rock-Eval data interpretation for source rock evaluation: Examples from producing and potential shale gas resource plays. International Journal of Coal Geology, 2016, 165, 290-302.	5.0	47
13	Hydrocarbon evaporative loss evaluation of lacustrine shale oil based on mass balance method: Permian Lucaogou Formation in Jimusaer Depression, Junggar Basin. Marine and Petroleum Geology, 2018, 91, 422-431.	3.3	45
14	Bakken/Madison petroleum systems in the Canadian Williston Basin. Part 3: geochemical evidence for significant Bakken-derived oils in Madison Group reservoirs. Organic Geochemistry, 2002, 33, 761-787.	1.8	42
15	Source rock characteristics and Rock-Eval-based hydrocarbon generation kinetic models of the lacustrine Chang-7 Shale of Triassic Yanchang Formation, Ordos Basin, China. International Journal of Coal Geology, 2017, 182, 52-65.	5.0	42
16	Inversion of source rock hydrocarbon generation kinetics from Rock-Eval data. Fuel, 2017, 194, 91-101.	6.4	37
17	Inadequate separation of saturate and monoaromatic hydrocarbons in crude oils and rock extracts by alumina column chromatography. Organic Geochemistry, 2000, 31, 751-756.	1.8	35
18	Quick Evaluation of Source Rock Kerogen Kinetics Using Hydrocarbon Pyrograms from Regular Rock-Eval Analysis. Energy & Fuels, 2017, 31, 1832-1841.	5.1	33

#	Article	IF	Citations
19	Two-dimensional gas chromatograms as fingerprints of sour gas-associated oils. Organic Geochemistry, 2008, 39, 1144-1149.	1.8	31
20	Geochemical and petrographic characterization of the Upper Ordovician Utica Shale, southern Quebec, Canada. International Journal of Coal Geology, 2015, 138, 83-94.	5.0	29
21	Revelation of organic matter sources and sedimentary environment characteristics for shale gas formation by petrographic analysis of middle Jurassic Dameigou formation, northern Qaidam Basin, China. International Journal of Coal Geology, 2018, 195, 373-385.	5.0	29
22	Natural attenuation of spilled crude oil by cold-adapted soil bacterial communities at a decommissioned High Arctic oil well site. Science of the Total Environment, 2020, 722, 137258.	8.0	29
23	Bakken/Madison petroleum systems in the Canadian Williston Basin. Part 1: C21â€“C26 20-n-alkylpregnanes and their triaromatic analogs as indicators for Upper Devonianâ€“Mississippian epicontinental black shale derived oils?. Organic Geochemistry, 2001, 32, 667-675.	1.8	28
24	Mineral carbon MinC(%) from Rock-Eval analysis as a reliable and cost-effective measurement of carbonate contents in shale source and reservoir rocks. Marine and Petroleum Geology, 2017, 83, 184-194.	3.3	28
25	Shale oil and gas resources in organic pores of the Devonian Duvernay Shale, Western Canada Sedimentary Basin based on petroleum system modeling. Journal of Natural Gas Science and Engineering, 2018, 50, 33-42.	4.4	26
26	Hydrocarbon Generation Kinetics of a Heterogeneous Source Rock System: Example from the Lacsutrine Eocene-Oligocene Shahejie Formation, Bohai Bay Basin, China. Energy & Fuels, 2017, 31, 13291-13304.	5.1	25
27	Two case studies of thermal maturity and thermal modelling within the overpressured Jurassic rocks of the Barrow Sub-basin, North West Shelf of Australia. Marine and Petroleum Geology, 2002, 19, 143-159.	3.3	23
28	A dual-porosity model for evaluating petroleum resource potential in unconventional tight-shale plays with application to Utica Shale, Quebec (Canada). Marine and Petroleum Geology, 2017, 80, 333-348.	3.3	23
29	Effects of organic and mineral matter on reservoir quality in a Middle Triassic mudstone in the Canadian Arctic. International Journal of Coal Geology, 2016, 153, 112-126.	5.0	21
30	A new method for predicting sweet spots of shale oil using conventional well logs. Marine and Petroleum Geology, 2020, 113, 104097.	3.3	21
31	Evaluating the total oil yield using a single routine Rock-Eval experiment on as-received shales. Journal of Analytical and Applied Pyrolysis, 2019, 144, 104707.	5.5	20
32	Spatial variation of Bakken or Lodgepole oils in the Canadian Williston Basin. AAPG Bulletin, 2009, 93, 829-851.	1.5	18
33	Relative reactivity of saturated hydrocarbons during thermochemical sulfate reduction. Fuel, 2019, 253, 106-113.	6.4	18
34	An Integrated Mass Balance Approach for Assessing Hydrocarbon Resources in a Liquid-Rich Shale Resource Play: An Example from Upper Devonian Duvernay Formation, Western Canada Sedimentary Basin. Journal of Earth Science (Wuhan, China), 2020, 31, 1259-1272.	3.2	15
35	Identification and occurrence of 25-norbenzohopanes in biodegraded bitumen from Palaeozoic carbonates in northern Alberta. Organic Geochemistry, 2009, 40, 667-670.	1.8	14
36	Core versus cuttings samples for geochemical and petrophysical analysis of unconventional reservoir rocks. Scientific Reports, 2020, 10, 7920.	3.3	13

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37	Determination of in situ hydrocarbon contents in shale oil plays. Part 1: Is routine Rockâ€“Eval analysis reliable for quantifying the hydrocarbon contents of preserved shale cores?. Organic Geochemistry, 2022, 170, 104449.	1.8	12
38	Bakken/Madison petroleum systems in the Canadian Williston Basin. Part 4: diphenylmethanes and benzylcyclohexanes as indicators for oils derived from the Madison petroleum system. Organic Geochemistry, 2002, 33, 855-860.	1.8	9
39	Source rock kinetics and petroleum generation history of the Upper Ordovician calcareous shales of the Hudson Bay Basin and surrounding areas. Fuel, 2020, 270, 117503.	6.4	9
40	Oil-source and oil-oil correlations and the origin of the heavy oil and bitumen accumulations in Northern Alberta, Canada. Organic Geochemistry, 2021, 153, 104199.	1.8	9
41	The molecular and sulfur isotope distribution of volatile compounds in natural gases and condensates from Alberta, Canada. Organic Geochemistry, 2021, 151, 104129.	1.8	8
42	Production characteristics and sweet-spots mapping of the Upper Devonianâ€“Lower Mississippian Bakken Formation tight oil in southeastern Saskatchewan, Canada. Petroleum Exploration and Development, 2018, 45, 662-672.	7.0	7
43	Deterioration of oil quality during sample storage: Are stored reservoir core samples a viable resource for oil viscosity determination?. Fuel, 2019, 245, 115-121.	6.4	7
44	Cyclopentanones and 2-cyclopenten-1-ones as major products of hydrous pyrolysis of immature organic-rich shales. Organic Geochemistry, 2018, 122, 126-139.	1.8	5
45	Change in hydrocarbon composition in rock samples as a function of time: A thermodynamic evaporation model. Journal of Natural Gas Science and Engineering, 2020, 77, 103238.	4.4	4
46	Black shale xenolith in a Jurassicâ”Cretaceous kimberlite and organic-rich Upper Ordovician shale on Baffin Island, Canada: A comparison of their organic matter. Marine and Petroleum Geology, 2019, 103, 202-215.	3.3	3
47	Hydrocarbon distributions of incremental S1 peaks corresponding to different boiling point ranges of petroleum in rock samples. Journal of Petroleum Science and Engineering, 2020, 191, 107174.	4.2	3
48	Seasoning hydrous pyrolysis reactor vessels. Organic Geochemistry, 2017, 110, 57-59.	1.8	2
49	Organic matter variation within Upper and Lower Bakken shales of the Williston Basin by extracting kerogen pyrogram information. International Journal of Coal Geology, 2020, 229, 103574.	5.0	1
50	Integrated petrophysical evaluation of the Lower Middle Bakken Member in the Viewfield Pool, southeastern Saskatchewan, Canada. Marine and Petroleum Geology, 2020, 122, 104601.	3.3	1
51	Geochemistry of the Cretaceous Chinkeh oil from Maxhamish field and Garbutt black shale in the Liard Basin, Canada: Implications for a liquid-rich shale hydrocarbon resource. International Journal of Coal Geology, 2021, 238, 103716.	5.0	1
52	Introduction to special section: Recent advances in lacustrine moderate-low maturity shale oil exploration and development. Interpretation, 0, , 1-2.	1.1	0