

Chunqing Jiang

List of Publications by Year in descending order

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52
papers

1,783
citations

257450

24
h-index

276875

41
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53
all docs

53
docs citations

53
times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of in situ hydrocarbon contents in shale oil plays. Part 1: Is routine Rock-Eval analysis reliable for quantifying the hydrocarbon contents of preserved shale cores?. <i>Organic Geochemistry</i> , 2022, 170, 104449.	1.8	12
2	The molecular and sulfur isotope distribution of volatile compounds in natural gases and condensates from Alberta, Canada. <i>Organic Geochemistry</i> , 2021, 151, 104129.	1.8	8
3	Oil-source and oil-oil correlations and the origin of the heavy oil and bitumen accumulations in Northern Alberta, Canada. <i>Organic Geochemistry</i> , 2021, 153, 104199.	1.8	9
4	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. <i>International Journal of Coal Geology</i> , 2021, 238, 103716.	5.0	1
5	A new method for predicting sweet spots of shale oil using conventional well logs. <i>Marine and Petroleum Geology</i> , 2020, 113, 104097.	3.3	21
6	Organic matter variation within Upper and Lower Bakken shales of the Williston Basin by extracting kerogen pyrogram information. <i>International Journal of Coal Geology</i> , 2020, 229, 103574.	5.0	1
7	Integrated petrophysical evaluation of the Lower Middle Bakken Member in the Viewfield Pool, southeastern Saskatchewan, Canada. <i>Marine and Petroleum Geology</i> , 2020, 122, 104601.	3.3	1
8	Core versus cuttings samples for geochemical and petrophysical analysis of unconventional reservoir rocks. <i>Scientific Reports</i> , 2020, 10, 7920.	3.3	13
9	Hydrocarbon distributions of incremental S1 peaks corresponding to different boiling point ranges of petroleum in rock samples. <i>Journal of Petroleum Science and Engineering</i> , 2020, 191, 107174.	4.2	3
10	Adsorbed and free hydrocarbons in unconventional shale reservoir: A new insight from NMR T1-T2 maps. <i>Marine and Petroleum Geology</i> , 2020, 116, 104311.	3.3	72
11	Natural attenuation of spilled crude oil by cold-adapted soil bacterial communities at a decommissioned High Arctic oil well site. <i>Science of the Total Environment</i> , 2020, 722, 137258.	8.0	29
12	Change in hydrocarbon composition in rock samples as a function of time: A thermodynamic evaporation model. <i>Journal of Natural Gas Science and Engineering</i> , 2020, 77, 103238.	4.4	4
13	Source rock kinetics and petroleum generation history of the Upper Ordovician calcareous shales of the Hudson Bay Basin and surrounding areas. <i>Fuel</i> , 2020, 270, 117503.	6.4	9
14	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. <i>Journal of Earth Science (Wuhan, China)</i> , 2020, 31, 1259-1272.	3.2	15
15	Evaluating the total oil yield using a single routine Rock-Eval experiment on as-received shales. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 144, 104707.	5.5	20
16	Relative reactivity of saturated hydrocarbons during thermochemical sulfate reduction. <i>Fuel</i> , 2019, 253, 106-113.	6.4	18
17	Black shale xenolith in a Jurassic-Cretaceous kimberlite and organic-rich Upper Ordovician shale on Baffin Island, Canada: A comparison of their organic matter. <i>Marine and Petroleum Geology</i> , 2019, 103, 202-215.	3.3	3
18	Deterioration of oil quality during sample storage: Are stored reservoir core samples a viable resource for oil viscosity determination?. <i>Fuel</i> , 2019, 245, 115-121.	6.4	7

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19	Hydrocarbon evaporative loss evaluation of lacustrine shale oil based on mass balance method: Permian Lucaogou Formation in Jimusaer Depression, Junggar Basin. <i>Marine and Petroleum Geology</i> , 2018, 91, 422-431.	3.3	45
20	Shale oil and gas resources in organic pores of the Devonian Duvernay Shale, Western Canada Sedimentary Basin based on petroleum system modeling. <i>Journal of Natural Gas Science and Engineering</i> , 2018, 50, 33-42.	4.4	26
21	Production characteristics and sweet-spots mapping of the Upper Devonian "Lower Mississippian Bakken Formation tight oil in southeastern Saskatchewan, Canada. <i>Petroleum Exploration and Development</i> , 2018, 45, 662-672.	7.0	7
22	Cyclopentanones and 2-cyclopenten-1-ones as major products of hydrous pyrolysis of immature organic-rich shales. <i>Organic Geochemistry</i> , 2018, 122, 126-139.	1.8	5
23	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. <i>International Journal of Coal Geology</i> , 2018, 195, 373-385.	5.0	29
24	Inversion of source rock hydrocarbon generation kinetics from Rock-Eval data. <i>Fuel</i> , 2017, 194, 91-101.	6.4	37
25	Quick Evaluation of Source Rock Kerogen Kinetics Using Hydrocarbon Pyrograms from Regular Rock-Eval Analysis. <i>Energy & Fuels</i> , 2017, 31, 1832-1841.	5.1	33
26	Mineral carbon MinC(%) from Rock-Eval analysis as a reliable and cost-effective measurement of carbonate contents in shale source and reservoir rocks. <i>Marine and Petroleum Geology</i> , 2017, 83, 184-194.	3.3	28
27	A dual-porosity model for evaluating petroleum resource potential in unconventional tight-shale plays with application to Utica Shale, Quebec (Canada). <i>Marine and Petroleum Geology</i> , 2017, 80, 333-348.	3.3	23
28	Source rock characteristics and Rock-Eval-based hydrocarbon generation kinetic models of the lacustrine Chang-7 Shale of Triassic Yanchang Formation, Ordos Basin, China. <i>International Journal of Coal Geology</i> , 2017, 182, 52-65.	5.0	42
29	Hydrocarbon Generation Kinetics of a Heterogeneous Source Rock System: Example from the Lacustrine Eocene-Oligocene Shahejie Formation, Bohai Bay Basin, China. <i>Energy & Fuels</i> , 2017, 31, 13291-13304.	5.1	25
30	Seasoning hydrous pyrolysis reactor vessels. <i>Organic Geochemistry</i> , 2017, 110, 57-59.	1.8	2
31	Effects of organic and mineral matter on reservoir quality in a Middle Triassic mudstone in the Canadian Arctic. <i>International Journal of Coal Geology</i> , 2016, 153, 112-126.	5.0	21
32	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> , 2016, 97, 148-162.	1.8	55
33	Model-assisted Rock-Eval data interpretation for source rock evaluation: Examples from producing and potential shale gas resource plays. <i>International Journal of Coal Geology</i> , 2016, 165, 290-302.	5.0	47
34	A revised method for organic porosity estimation in shale reservoirs using Rock-Eval data: Example from Duvernay Formation in the Western Canada Sedimentary Basin. <i>AAPG Bulletin</i> , 2016, 100, 405-422.	1.5	69
35	Hydrocarbon evaporative loss from shale core samples as revealed by Rock-Eval and thermal desorption-gas chromatography analysis: Its geochemical and geological implications. <i>Marine and Petroleum Geology</i> , 2016, 70, 294-303.	3.3	81
36	Geochemical and petrographic characterization of the Upper Ordovician Utica Shale, southern Quebec, Canada. <i>International Journal of Coal Geology</i> , 2015, 138, 83-94.	5.0	29

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37	A data driven model for studying kerogen kinetics with application examples from Canadian sedimentary basins. <i>Marine and Petroleum Geology</i> , 2015, 67, 795-803.	3.3	60
38	Characterization of organic matter fractions in an unconventional tight gas siltstone reservoir. <i>International Journal of Coal Geology</i> , 2015, 150-151, 296-305.	5.0	113
39	Spatial variation of Bakken or Lodgepole oils in the Canadian Williston Basin. <i>AAPG Bulletin</i> , 2009, 93, 829-851.	1.5	18
40	Identification and occurrence of 25-norbenzohopanes in biodegraded bitumen from Palaeozoic carbonates in northern Alberta. <i>Organic Geochemistry</i> , 2009, 40, 667-670.	1.8	14
41	TLC-FID (Iatroscan) analysis of heavy oil and tar sand samples. <i>Organic Geochemistry</i> , 2008, 39, 1210-1214.	1.8	65
42	Two-dimensional gas chromatograms as fingerprints of sour gas-associated oils. <i>Organic Geochemistry</i> , 2008, 39, 1144-1149.	1.8	31
43	Bakken/Madison petroleum systems in the Canadian Williston Basin. Part 3: geochemical evidence for significant Bakken-derived oils in Madison Group reservoirs. <i>Organic Geochemistry</i> , 2002, 33, 761-787.	1.8	42
44	Bakken/Madison petroleum systems in the Canadian Williston Basin. Part 4: diphenylmethanes and benzylcyclohexanes as indicators for oils derived from the Madison petroleum system. <i>Organic Geochemistry</i> , 2002, 33, 855-860.	1.8	9
45	Two case studies of thermal maturity and thermal modelling within the overpressured Jurassic rocks of the Barrow Sub-basin, North West Shelf of Australia. <i>Marine and Petroleum Geology</i> , 2002, 19, 143-159.	3.3	23
46	Bakken/Madison petroleum systems in the Canadian Williston Basin. Part 1: C ₂₁ -C ₂₆ 20-n-alkylpregnanes and their triaromatic analogs as indicators for Upper Devonian-Mississippian epicontinental black shale derived oils?. <i>Organic Geochemistry</i> , 2001, 32, 667-675.	1.8	28
47	Bakken/Madison petroleum systems in the Canadian Williston Basin. Part 2: molecular markers diagnostic of Bakken and Lodgepole source rocks. <i>Organic Geochemistry</i> , 2001, 32, 1037-1054.	1.8	76
48	Hydrogen isotopic compositions of individual alkanes as a new approach to petroleum correlation: case studies from the Western Canada Sedimentary Basin. <i>Organic Geochemistry</i> , 2001, 32, 1387-1399.	1.8	101
49	Origin of perylene in ancient sediments and its geological significance. <i>Organic Geochemistry</i> , 2000, 31, 1545-1559.	1.8	178
50	Inadequate separation of saturate and monoaromatic hydrocarbons in crude oils and rock extracts by alumina column chromatography. <i>Organic Geochemistry</i> , 2000, 31, 751-756.	1.8	35
51	Polycyclic aromatic hydrocarbons in ancient sediments and their relationships to palaeoclimate. <i>Organic Geochemistry</i> , 1998, 29, 1721-1735.	1.8	139
52	Introduction to special section: Recent advances in lacustrine moderate-low maturity shale oil exploration and development. <i>Interpretation</i> , 0, , 1-2.	1.1	0