Shenghe Wu

List of Publications by Year
in descending order

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Version: 2024-02-01

35	609	567281	610901
papers	citations	15	24
		h-index	g-index

35	35	35	349
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reservoir quality, natural fractures, and gas productivity of upper Triassic Xujiahe tight gas sandstones in western Sichuan Basin, China. Marine and Petroleum Geology, 2018, 89, 370-386.	3.3	73
2	Fusing multiple frequency-decomposed seismic attributes with machine learning for thickness prediction and sedimentary facies interpretation in fluvial reservoirs. Journal of Petroleum Science and Engineering, 2019, 177, 1087-1102.	4.2	42
3	Diagenetic alterations and reservoir heterogeneity within the depositional facies: A case study from distributary-channel belt sandstone of Upper Triassic Yanchang Formation reservoirs (Ordos Basin,) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	38
4	An investigation into pore structure and petrophysical property in tight sandstones: A case of the Yanchang Formation in the southern Ordos Basin, China. Marine and Petroleum Geology, 2018, 97, 390-406.	3.3	38
5	Hierarchy modeling of subsurface palaeochannel reservoir architecture. Science in China Series D: Earth Sciences, 2008, 51, 126-137.	0.9	32
6	Research on the architecture of submarine-fan lobes in the Niger Delta Basin, offshore West Africa. Journal of Palaeogeography, 2016, 5, 185-204.	1.9	32
7	A training image evaluation and selection method based on minimum data event distance for multiple-point geostatistics. Computers and Geosciences, 2017, 104, 35-53.	4.2	28
8	Progress and prospects of reservoir development geology. Petroleum Exploration and Development, 2017, 44, 603-614.	7.0	27
9	Sea-level control on the submarine fan architecture in a deepwater sequence of the Niger Delta Basin. Marine and Petroleum Geology, 2018, 94, 179-197.	3.3	27
10	Characterization of the pore-throat size of tight oil reservoirs and its control on reservoir physical properties: A case study of the Triassic tight sandstone of the sediment gravity flow in the Ordos Basin, China. Journal of Petroleum Science and Engineering, 2020, 186, 106701.	4.2	27
11	Reservoir quality variations within a sinuous deep water channel system in the Niger Delta Basin, offshore West Africa. Marine and Petroleum Geology, 2015, 63, 166-188.	3.3	26
12	Diagenetic alteration and its control on reservoir quality of tight sandstones in lacustrine deep-water gravity-ï¬‚ow deposits: A case study of the Yanchang Formation, southern Ordos Basin, China. Marine and Petroleum Geology, 2019, 110, 676-694.	3.3	25
13	Characterizing meander belts and point bars in fluvial reservoirs by combining spectral decomposition and genetic inversion. Marine and Petroleum Geology, 2019, 105, 168-184.	3.3	24
14	Sedimentary architecture models of deepwater turbidite channel systems in the Niger Delta continental slope, West Africa. Petroleum Science, 2013, 10, 139-148.	4.9	22
15	Thickness prediction for high-resolution stratigraphic interpretation by fusing seismic attributes of target and neighboring zones with an SVR algorithm. Marine and Petroleum Geology, 2020, 113, 104153.	3.3	19
16	Patterns of intercalation in alluvial fan reservoirsâ€"A case study of Lower Karamay Formation, Yizhong Area, Karamay Oilfield, NW China. Petroleum Exploration and Development, 2013, 40, 811-818.	7.0	18
17	Controls of diagenetic alteration on the reservoir quality of tight sandstone reservoirs in the Triassic Yanchang formation of the Ordos Basin, China. Journal of Asian Earth Sciences, 2020, 200, 104472.	2.3	15
18	Sandbody architecture of the bar finger within shoal water delta front: Insights from the Lower Member of Minghuazhen Formation, Neogene, Bohai BZ25 Oilfield, Bohai Bay Basin, East China. Petroleum Exploration and Development, 2019, 46, 335-346.	7.0	13

#	Article	IF	Citations
19	Composite Sand Bodies Architecture of Deep-Water Turbidite Channels in the Niger Delta Basin. Acta Geologica Sinica, 2014, 88, 1822-1834.	1.4	11
20	Modal distribution of pore-throat size in sandy conglomerates from an alluvial fan environment: Lower Karamay Formation, Junggar Basin, West China. Marine and Petroleum Geology, 2020, 117, 104391.	3.3	11
21	An investigation into pore structure fractal characteristics in tight oil reservoirs: a case study of the Triassic tight sandstone with ultra-low permeability in the Ordos Basin, China. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	10
22	Hierarchical nested simulation approach in reservoir architecture modeling. Petroleum Exploration and Development, 2013, 40, 676-681.	7.0	9
23	Role of Shale Deformation in the Structural Development of a Deepwater Gravitational System in the Niger Delta. Tectonics, 2021, 40, e2020TC006491.	2.8	8
24	Sinuous bar fingers of digitate shallowâ€water deltas: Insights into their formative processes and deposits from integrating morphological and sedimentological studies with mathematical modelling. Sedimentology, 2022, 69, 724-749.	3.1	7
25	Modeling of subsurface sedimentary facies using Self-Attention Generative Adversarial Networks (SAGANs). Journal of Petroleum Science and Engineering, 2022, 214, 110470.	4.2	7
26	Channel Sandstone Architecture Characterization by Seismic Simulation. Journal of Earth Science (Wuhan, China), 2019, 30, 799-808.	3.2	5
27	Impact of petrographic characteristics on reservoir quality of tight sandstone reservoirs in coalâ€bearing strata: A case study in Lower Permian Shihezi Formation in northern Ordos Basin, China. Geological Journal, 2021, 56, 3097-3117.	1.3	3
28	Effects of water discharge on river-dominated delta growth. Petroleum Science, 2021, 18, 1630-1649.	4.9	3
29	Experimental study of fan delta evolution: Autogenic cycles of fully confined channelized flow and small secondary channelized flows. Sedimentary Geology, 2021, 426, 106024.	2.1	3
30	Application of four-dimensional monitoring to understand reservoir heterogeneity controls on fluid flow during the development of a submarine channel system. AAPG Bulletin, 2018, 102, 2017-2044.	1.5	2
31	The Characteristics and Distribution Pattern of Seafloor Sinuous Pockmark Train in the Niger Delta Basin, West Africa. Acta Geologica Sinica, 2016, 90, 1057-1058.	1.4	1
32	A new method to enhance the characterisation of seismically thin beds based on the generalised S transform maximum modulus. Exploration Geophysics, 2018, 49, 559-571.	1.1	1
33	The depositional evolution and internal sedimentary architecture of a flood event-dominated experimental alluvial fan. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	1
34	Effects of upstream conditions on digitate shallow-water delta morphology. Marine and Petroleum Geology, 2021, 134, 105333.	3.3	1
35	Quality of tight sandstone reservoirs in gravity-flow deposits of the deep-lacustrine Yanchang Formation (Ordos Basin, China) as controlled by diagenesis. , 2022, , 485-508.		0