

Stephen W Lokier

List of Publications by Year in descending order

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papers

762
citations

471509

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526287

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36
all docs

36
docs citations

36
times ranked

726
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine carbonate sedimentation in volcanic settings. Geological Society Special Publication, 2023, 520, 547-594.	1.3	1
2	Erosion-initiated stromatolite and thrombolite formation in a present-day coastal sabkha setting. Sedimentology, 2021, 68, 382-401.	3.1	2
3	Botryoidal and Spherulitic Aragonite in Carbonates Associated with Microbial Mats: Precipitation or Diagenetic Replacement Product?. Frontiers in Earth Science, 2021, 9, .	1.8	9
4	Middle Ordovician Upwelling-Related Ironstone of North Wales: Coated Grains, Ocean Chemistry, and Biological Evolution. Frontiers in Earth Science, 2021, 9, .	1.8	7
5	Seawater chemistry of a modern subtropical "epi-epi" sea: Spatial variability and effects of organic decomposition. Geochimica Et Cosmochimica Acta, 2021, 314, 159-177.	3.9	9
6	Composite micrite envelopes in the lagoon of Abu Dhabi and their application for the recognition of ancient firm- to hardgrounds. Marine Geology, 2020, 423, 106141.	2.1	18
7	Ordovician ironstone of the Iberian margin: Coastal upwelling, ocean anoxia and Palaeozoic biodiversity. Depositional Record, 2020, 6, 581-604.	1.7	18
8	Late Holocene to Recent aragonite-cemented transgressive lag deposits in the Abu Dhabi lagoon and intertidal sabkha. Sedimentology, 2020, 67, 2426-2454.	3.1	21
9	COATED GRAINS FROM WELSH BASIN IRONSTONE AND ORDOVICIAN SEAWATER CHEMISTRY. , 2019, , .		1
10	Thermal Degradation of Methylbacteriohopanepolyols to Methylhopanes: Implications for Sabkha as Oil Source Rock Models. , 2019, , .		0
11	Implications of sea-level rise in a modern carbonate ramp setting. Geomorphology, 2018, 304, 64-73.	2.6	16
12	Depositional Cycles in a Lower Cretaceous Limestone Reservoir, Onshore Abu Dhabi, U.A.E.. Journal of Sedimentary Research, 2018, 88, 753-776.	1.6	13
13	High-frequency cyclicity within the 3rd-order depositional sequence of the upper Kharai Formation in cores from a giant oilfield, onshore Abu Dhabi, U.A.E. , 2018, , .		0
14	Holocene marine hardground formation in the Arabian Gulf: Shoreline stabilisation, sea level and early diagenesis in the coastal sabkha of Abu Dhabi. Sedimentary Geology, 2017, 352, 1-13.	2.1	18
15	The preservation potential of environmentally diagnostic sedimentary structures from a coastal sabkha. Marine Geology, 2017, 386, 1-18.	2.1	19
16	A new model for the formation of microbial polygons in a coastal sabkha setting. Depositional Record, 2017, 3, 201-208.	1.7	17
17	Depositional Cycles Within The Upper Kharai Formation Of An Abu Dhabi Oilfield. , 2017, , .		0
18	Temporal evolution of a carbonate coastal system, Abu Dhabi, United Arab Emirates. Marine Geology, 2016, 381, 102-113.	2.1	23

#	ARTICLE	IF	CITATIONS
19	The petrographic description of carbonate facies: are we all speaking the same language?. <i>Sedimentology</i> , 2016, 63, 1843-1885.	3.1	64
20	Magnesium isotope composition of sabkha porewater and related (Sub-)Recent stoichiometric dolomites, Abu Dhabi (UAE). <i>Chemical Geology</i> , 2015, 393-394, 112-124.	3.3	61
21	Late Quaternary sea-level changes of the Persian Gulf. <i>Quaternary Research</i> , 2015, 84, 69-81.	1.7	51
22	Coastal Sabkha Preservation in the Arabian Gulf. <i>Geoheritage</i> , 2013, 5, 11-22.	2.8	36
23	A quantitative analysis of Recent arid coastal sedimentary facies from the Arabian Gulf Coastline of Abu Dhabi, United Arab Emirates. <i>Marine Geology</i> , 2013, 346, 141-152.	2.1	21
24	Development and evolution of subaerial halite crust morphologies in a coastal sabkha setting. <i>Journal of Arid Environments</i> , 2012, 79, 32-47.	2.4	27
25	Application of Satellite Images to Research on Geomorphological Change of Abu Dhabi Coastline. , 2012, , .		0
26	Biotically constrained palaeoenvironmental conditions of a mid-Holocene intertidal lagoon on the southern shore of the Arabian Gulf: evidence associated with a whale skeleton at Musaffah, Abu Dhabi, UAE. <i>Quaternary Science Reviews</i> , 2011, 30, 3675-3690.	3.0	23
27	Quantification of Carbonate Ramp Sedimentation and Progradation Rates for the Late Holocene Abu Dhabi Shoreline--Reply. <i>Journal of Sedimentary Research</i> , 2010, 80, 302-302.	1.6	3
28	Quantitative Characterisation of Intertidal to Supratidal Sediments of the Abu Dhabi Coastline. , 2010, , .		0
29	Large-scale intertidal polygonal features of the Abu Dhabi coastline. <i>Sedimentology</i> , 2009, 56, 609-621.	3.1	39
30	Marine biota response to clastic sediment influx: A quantitative approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 281, 25-42.	2.3	56
31	Quantification of Carbonate-Ramp Sedimentation and Progradation Rates for the Late Holocene Abu Dhabi Shoreline. <i>Journal of Sedimentary Research</i> , 2008, 78, 423-431.	1.6	41
32	Preservation potential of carbonate and halite polygons of the Abu Dhabi coastline. , 2008, , .		0
33	Strontium-isotope chemostratigraphy and rudists of the Qahlah and Simsim Formations (Campanian-Maastrichtian), United Arab Emirates and Oman. , 2008, , .		0
34	The Arab Formation in central Abu Dhabi: 3-D reservoir architecture and static and dynamic modeling. <i>Georabia</i> , 2003, 8, 47-86.	1.6	47
35	Siliciclastic and volcanoclastic influences on equatorial carbonates: insights from the Neogene of Indonesia. <i>Sedimentology</i> , 2002, 49, 583-601.	3.1	101