

# Stephen W Lokier

## List of Publications by Year in descending order

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35  
papers

762  
citations

471509

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526287

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all docs

36  
docs citations

36  
times ranked

726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Siliciclastic and volcanoclastic influences on equatorial carbonates: insights from the Neogene of Indonesia. <i>Sedimentology</i> , 2002, 49, 583-601.	3.1	101
2	The petrographic description of carbonate facies: are we all speaking the same language?. <i>Sedimentology</i> , 2016, 63, 1843-1885.	3.1	64
3	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
4	Marine biota response to clastic sediment influx: A quantitative approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 281, 25-42.	2.3	56
5	Late Quaternary sea-level changes of the Persian Gulf. <i>Quaternary Research</i> , 2015, 84, 69-81.	1.7	51
6	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
7	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
8	Large-scale intertidal polygonal features of the Abu Dhabi coastline. <i>Sedimentology</i> , 2009, 56, 609-621.	3.1	39
9	Coastal Sabkha Preservation in the Arabian Gulf. <i>Geoheritage</i> , 2013, 5, 11-22.	2.8	36
10	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
11	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
12	Temporal evolution of a carbonate coastal system, Abu Dhabi, United Arab Emirates. <i>Marine Geology</i> , 2016, 381, 102-113.	2.1	23
13	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
14	Late Holocene to Recent aragonite-cemented transgressive lag deposits in the Abu Dhabi lagoon and intertidal sabkha. <i>Sedimentology</i> , 2020, 67, 2426-2454.	3.1	21
15	The preservation potential of environmentally diagnostic sedimentary structures from a coastal sabkha. <i>Marine Geology</i> , 2017, 386, 1-18.	2.1	19
16	Holocene marine hardground formation in the Arabian Gulf: Shoreline stabilisation, sea level and early diagenesis in the coastal sabkha of Abu Dhabi. <i>Sedimentary Geology</i> , 2017, 352, 1-13.	2.1	18
17	Composite micrite envelopes in the lagoon of Abu Dhabi and their application for the recognition of ancient firm- to hardgrounds. <i>Marine Geology</i> , 2020, 423, 106141.	2.1	18
18	Ordovician ironstone of the Iberian margin: Coastal upwelling, ocean anoxia and Palaeozoic biodiversity. <i>Depositional Record</i> , 2020, 6, 581-604.	1.7	18

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19	A new model for the formation of microbial polygons in a coastal sabkha setting. <i>Depositional Record</i> , 2017, 3, 201-208.	1.7	17
20	Implications of sea-level rise in a modern carbonate ramp setting. <i>Geomorphology</i> , 2018, 304, 64-73.	2.6	16
21	Depositional Cycles in a Lower Cretaceous Limestone Reservoir, Onshore Abu Dhabi, U.A.E.. <i>Journal of Sedimentary Research</i> , 2018, 88, 753-776.	1.6	13
22	Botryoidal and Spherulitic Aragonite in Carbonates Associated with Microbial Mats: Precipitation or Diagenetic Replacement Product?. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	9
23	Seawater chemistry of a modern subtropical "epiric" sea: Spatial variability and effects of organic decomposition. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 314, 159-177.	3.9	9
24	Middle Ordovician Upwelling-Related Ironstone of North Wales: Coated Grains, Ocean Chemistry, and Biological Evolution. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	7
25	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
26	Erosion-initiated stromatolite and thrombolite formation in a present-day coastal sabkha setting. <i>Sedimentology</i> , 2021, 68, 382-401.	3.1	2
27	Marine carbonate sedimentation in volcanic settings. <i>Geological Society Special Publication</i> , 2023, 520, 547-594.	1.3	1
28	COATED GRAINS FROM WELSH BASIN IRONSTONE AND ORDOVICIAN SEAWATER CHEMISTRY. , 2019, , .		1
29	Preservation potential of carbonate and halite polygons of the Abu Dhabi coastline. , 2008, , .		0
30	Strontium-isotope chemostratigraphy and rudists of the Qahlah and Simsima Formations (Campanian-Maastrichtian), United Arab Emirates and Oman. , 2008, , .		0
31	Quantitative Characterisation of Intertidal to Supratidal Sediments of the Abu Dhabi Coastline. , 2010, , .		0
32	Application of Satellite Images to Research on Geomorphological Change of Abu Dhabi Coastline. , 2012, , .		0
33	Depositional Cycles Within The Upper Kharaib Formation Of An Abu Dhabi Oilfield. , 2017, , .		0
34	High-frequency cyclicity within the 3rd-order depositional sequence of the upper Kharaib Formation in cores from a giant oilfield, onshore Abu Dhabi, U.A.E. , 2018, , .		0
35	Thermal Degradation of Methylbacteriohopanepolyols to Methylhopanes: Implications for Sabkha as Oil Source Rock Models. , 2019, , .		0