Simon Matthias May

List of Publications by Year
in descending order

41	982	430874 18	454955 30
papers	citations	h-index	g-index

52	52	52	971
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Revealing Sediment Transport Pathways and Geomorphic Change in Washover Fans by Combining Droneâ€Derived Digital Elevation Models and Single Grain Luminescence Data. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005792.	2.8	4
2	Midâ€•to late Holocene environmental changes and humanâ€environment interactions in the surroundings of La Silla del Papa, SW Spain. Geoarchaeology - an International Journal, 2021, 36, 573-600.	1.5	6
3	Evaluating optically stimulated luminescence rock surface exposure dating as a novel approach for reconstructing coastal boulder movement on decadal to centennial timescales. Earth Surface Dynamics, 2021, 9, 205-234.	2.4	12
4	Origin and timing of past hillslope activity in the hyper-arid core of the Atacama Desert â€“ The formation of fine sediment lobes along the Chuculay Fault System, Northern Chile. Global and Planetary Change, 2020, 184, 103057.	3.5	11
5	Contrasting depth distribution of colloid-associated phosphorus in the active and abandoned sections of an alluvial fan in a hyper-arid region of the Atacama Desert. Global and Planetary Change, 2020, 185, 103090.	3.5	17
6	Identification of humid periods in the Atacama Desert through hillslope activity established by infrared stimulated luminescence (IRSL) dating. Global and Planetary Change, 2020, 185, 103086.	3.5	12
7	Erosive impact of tsunami and storm waves on rocky coasts and post-depositional weathering of coarse-clast deposits. , 2020, , 561-584.		1
8	Geological records of tsunamis and other extreme waves: concepts, applications and a short history of research. , 2020, , 3-20.		2
9	Zebra stripes in the Atacama Desert revisited â€“ Granular fingering as a mechanism for zebra stripe formation?. Geomorphology, 2019, 344, 46-59.	2.6	13
10	Assessing Spatiotemporal Variations of Sentinel-1 InSAR Coherence at Different Time Scales over the Atacama Desert (Chile) between 2015 and 2018. Remote Sensing, 2019, 11, 2960.	4.0	17
11	Coastal lowland and floodplain evolution along the lower reaches of the Supsa River (western) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.7	2
12	Multiple dating approach (14C, 230Th/U and 36Cl) of tsunami-transported reef-top boulders on Bonaire (Leeward Antilles) â€“ Current achievements and challenges. Marine Geology, 2018, 396, 100-113.	2.1	32
13	Chenier-type ridges in Giralia Bay (Exmouth Gulf, Western Australia) - Processes, chronostratigraphy, and significance for recording past tropical cyclones. Marine Geology, 2018, 396, 186-204.	2.1	13
14	Mid- to Late Holocene landscape changes in the Rioni delta area (Kolkheti lowlands, W Georgia). Quaternary International, 2018, 465, 85-98.	1.5	7
15	Mega-tsunami conglomerates and flank collapses of ocean island volcanoes. Marine Geology, 2018, 395, 168-187.	2.1	51
16	Bronze Age settlement mounds on the Colchian plain at the Black Sea coast of Georgia: A geoarchaeological perspective. Geoarchaeology - an International Journal, 2018, 33, 453-469.	1.5	3
17	Testing the accuracy of feldspar single grains to date late Holocene cyclone and tsunami deposits. Quaternary Geochronology, 2018, 48, 91-103.	1.4	25
18	Chronostratigraphy and geomorphology of washover fans in the Exmouth Gulf (NW Australia) â€“ A record of tropical cyclone activity during the late Holocene. Quaternary Science Reviews, 2017, 169, 65-84.	3.0	26

#	Article	IF	Citations
19	Luminescence dating of cyclone-induced washover fans at Point Lefroy (NW Australia). Quaternary Geochronology, 2017, 41, 134-150.	1.4	17
20	Typhoon Haiyan's sedimentary record in coastal environments of the Philippines and its palaeotempestological implications. Natural Hazards and Earth System Sciences, 2016, 16, 2799-2822.	3.6	42
21	Tsunami deposits of the Caribbean â€“ Towards an improved coastal hazard assessment. Earth-Science Reviews, 2016, 163, 260-296.	9.1	46
22	A mid-Holocene candidate tsunami deposit from the NW Cape (Western Australia). Sedimentary Geology, 2016, 332, 40-50.	2.1	22
23	Using Benfordâ€™s law to investigate Natural Hazard dataset homogeneity. Scientific Reports, 2015, 5, 12046.	3.3	18
24	Prograded foredunes of Western Australia's macroâ€tidal coast â€“ implications for Holocene seaâ€level change and highâ€energy wave impacts. Earth Surface Processes and Landforms, 2015, 40, 726-740.	2.5	18
25	Traces of historical tropical cyclones and tsunamis in the Ashburton Delta (northâ€west Australia). Sedimentology, 2015, 62, 1546-1572.	3.1	36
26	Block and boulder transport in Eastern Samar (Philippines) during Supertyphoon Haiyan. Earth Surface Dynamics, 2015, 3, 543-558.	2.4	54
27	Life and death after super typhoon Haiyan. Coral Reefs, 2015, 34, 419-419.	2.2	10
28	Landforms of the World with Google Earth. , 2015, , .		8
29	Chronological and geoarchaeological investigations on an anthropogenic shell accumulation layer in the Longotoma dune field (Central Chile). Quaternary International, 2015, 367, 32-41.	1.5	7
30	A prehistoric tsunami induced long-lasting ecosystem changes on a semi-arid tropical islandâ€”the case of Boka Bartol (Bonaire, Leeward Antilles). Die Naturwissenschaften, 2013, 100, 51-67.	1.6	15
31	Reply to Comment on: Coarse clast ridge sequences as suitable archives for past storm events? Case study on the Houtman Abrolhos, Western Australia. Journal of Quaternary Science, 2013, 28, 213-215.	2.1	3
32	Holocene coastal stratigraphy, coastal changes and potential palaeoseismological implications inferred from geo-archives in Central Chile (29?32Â° S). Zeitschrift FÃ¼r Geomorphologie, 2013, 57, 201-228.	0.8	8
33	Shoreline changes and high-energy wave impacts at the leeward coast of Bonaire (Netherlands) Tj ETQq1 1 0.784314 rgBT /Overlock	2.5	14
34	The Gyra washover fan in the Lefkada Lagoon, NW Greeceâ€”possible evidence of the 365 AD Crete earthquake and tsunami. Earth, Planets and Space, 2012, 64, 859-874.	2.5	26
35	Bonaire's boulder fields revisited: evidence for Holocene tsunami impact on the Leeward Antilles. Quaternary Science Reviews, 2012, 54, 126-141.	3.0	114
36	The Lefkada barrier and beachrock system (NW Greece) â€” Controls on coastal evolution and the significance of extreme wave events. Geomorphology, 2012, 139-140, 330-347.	2.6	26

#	Article	IF	Citations
37	Coarse clast ridge sequences as suitable archives for past storm events? Case study on the Houtman Abrolhos, Western Australia. Journal of Quaternary Science, 2012, 27, 713-724.	2.1	21
38	Coastal stratigraphies of eastern Bonaire (Netherlands Antilles): New insights into the palaeo-tsunami history of the southern Caribbean. Sedimentary Geology, 2010, 231, 14-30.	2.1	41
39	Beachrock-type calcarenitic tsunamites along the shores of the eastern Ionian Sea (western Greece) case studies from Akarnania, the Ionian Islands and the western Peloponnese. Zeitschrift FÃ¼r Geomorphologie, 2010, 54, 1-50.	0.8	34
40	Traces of Holocene tsunamis across the Sound of Lefkada, NW Greece. Global and Planetary Change, 2009, 66, 112-128.	3.5	61
41	Late Holocene tsunami traces on the western and southern coastlines of the Peloponnesus (Greece). Earth and Planetary Science Letters, 2008, 269, 271-279.	4.4	66