

Simon Matthias May

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

982
citations

430874

18
h-index

454955

30
g-index

52
all docs

52
docs citations

52
times ranked

971
citing authors

#	ARTICLE	IF	CITATIONS
1	Bonaire's boulder fields revisited: evidence for Holocene tsunami impact on the Leeward Antilles. <i>Quaternary Science Reviews</i> , 2012, 54, 126-141.	3.0	114
2	Late Holocene tsunami traces on the western and southern coastlines of the Peloponnesus (Greece). <i>Earth and Planetary Science Letters</i> , 2008, 269, 271-279.	4.4	66
3	Traces of Holocene tsunamis across the Sound of Lefkada, NW Greece. <i>Global and Planetary Change</i> , 2009, 66, 112-128.	3.5	61
4	Block and boulder transport in Eastern Samar (Philippines) during Supertyphoon Haiyan. <i>Earth Surface Dynamics</i> , 2015, 3, 543-558.	2.4	54
5	Mega-tsunami conglomerates and flank collapses of ocean island volcanoes. <i>Marine Geology</i> , 2018, 395, 168-187.	2.1	51
6	Tsunami deposits of the Caribbean – Towards an improved coastal hazard assessment. <i>Earth-Science Reviews</i> , 2016, 163, 260-296.	9.1	46
7	Typhoon Haiyan's sedimentary record in coastal environments of the Philippines and its palaeotempestological implications. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 2799-2822.	3.6	42
8	Coastal stratigraphies of eastern Bonaire (Netherlands Antilles): New insights into the palaeo-tsunami history of the southern Caribbean. <i>Sedimentary Geology</i> , 2010, 231, 14-30.	2.1	41
9	Traces of historical tropical cyclones and tsunamis in the Ashburton Delta (north-west Australia). <i>Sedimentology</i> , 2015, 62, 1546-1572.	3.1	36
10	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. <i>Zeitschrift für Geomorphologie</i> , 2010, 54, 1-50.	0.8	34
11	Multiple dating approach (14C, 230Th/U and 36Cl) of tsunami-transported reef-top boulders on Bonaire (Leeward Antilles) – Current achievements and challenges. <i>Marine Geology</i> , 2018, 396, 100-113.	2.1	32
12	The Gyra washover fan in the Lefkada Lagoon, NW Greece – possible evidence of the 365 AD Crete earthquake and tsunami. <i>Earth, Planets and Space</i> , 2012, 64, 859-874.	2.5	26
13	The Lefkada barrier and beachrock system (NW Greece) – Controls on coastal evolution and the significance of extreme wave events. <i>Geomorphology</i> , 2012, 139-140, 330-347.	2.6	26
14	Chronostratigraphy and geomorphology of washover fans in the Exmouth Gulf (NW Australia) – A record of tropical cyclone activity during the late Holocene. <i>Quaternary Science Reviews</i> , 2017, 169, 65-84.	3.0	26
15	Testing the accuracy of feldspar single grains to date late Holocene cyclone and tsunami deposits. <i>Quaternary Geochronology</i> , 2018, 48, 91-103.	1.4	25
16	A mid-Holocene candidate tsunami deposit from the NW Cape (Western Australia). <i>Sedimentary Geology</i> , 2016, 332, 40-50.	2.1	22
17	Coarse clast ridge sequences as suitable archives for past storm events? Case study on the Houtman Abrolhos, Western Australia. <i>Journal of Quaternary Science</i> , 2012, 27, 713-724.	2.1	21
18	Using Benford's law to investigate Natural Hazard dataset homogeneity. <i>Scientific Reports</i> , 2015, 5, 12046.	3.3	18

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19	Prograded foredunes of Western Australia's macro-tidal coast – implications for Holocene sea-level change and high-energy wave impacts. <i>Earth Surface Processes and Landforms</i> , 2015, 40, 726-740.	2.5	18
20	Luminescence dating of cyclone-induced washover fans at Point Lefroy (NW Australia). <i>Quaternary Geochronology</i> , 2017, 41, 134-150.	1.4	17
21	Assessing Spatiotemporal Variations of Sentinel-1 InSAR Coherence at Different Time Scales over the Atacama Desert (Chile) between 2015 and 2018. <i>Remote Sensing</i> , 2019, 11, 2960.	4.0	17
22	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. <i>Global and Planetary Change</i> , 2020, 185, 103090.	3.5	17
23	A prehistoric tsunami induced long-lasting ecosystem changes on a semi-arid tropical island – the case of Boka Bartol (Bonaire, Leeward Antilles). <i>Die Naturwissenschaften</i> , 2013, 100, 51-67.	1.6	15
24	Shoreline changes and high-energy wave impacts at the leeward coast of Bonaire (Netherlands). <i>Journal of Coastal Research</i> , 2010, 26, 50-54.	2.5	14
25	Chenier-type ridges in Giralia Bay (Exmouth Gulf, Western Australia) - Processes, chronostratigraphy, and significance for recording past tropical cyclones. <i>Marine Geology</i> , 2018, 396, 186-204.	2.1	13
26	Zebra stripes in the Atacama Desert revisited – Granular fingering as a mechanism for zebra stripe formation?. <i>Geomorphology</i> , 2019, 344, 46-59.	2.6	13
27	Identification of humid periods in the Atacama Desert through hillslope activity established by infrared stimulated luminescence (IRSL) dating. <i>Global and Planetary Change</i> , 2020, 185, 103086.	3.5	12
28	Evaluating optically stimulated luminescence rock surface exposure dating as a novel approach for reconstructing coastal boulder movement on decadal to centennial timescales. <i>Earth Surface Dynamics</i> , 2021, 9, 205-234.	2.4	12
29	Origin and timing of past hillslope activity in the hyper-arid core of the Atacama Desert – The formation of fine sediment lobes along the Chuculay Fault System, Northern Chile. <i>Global and Planetary Change</i> , 2020, 184, 103057.	3.5	11
30	Life and death after super typhoon Haiyan. <i>Coral Reefs</i> , 2015, 34, 419-419.	2.2	10
31	Holocene coastal stratigraphy, coastal changes and potential palaeoseismological implications inferred from geo-archives in Central Chile (29°32' S). <i>Zeitschrift für Geomorphologie</i> , 2013, 57, 201-228.	0.8	8
32	Landforms of the World with Google Earth. , 2015, . .		8
33	Chronological and geoarchaeological investigations on an anthropogenic shell accumulation layer in the Longotoma dune field (Central Chile). <i>Quaternary International</i> , 2015, 367, 32-41.	1.5	7
34	Mid- to Late Holocene landscape changes in the Rioni delta area (Kolkheti lowlands, W Georgia). <i>Quaternary International</i> , 2018, 465, 85-98.	1.5	7
35	Mid- to late Holocene environmental changes and human-environment interactions in the surroundings of La Silla del Papa, SW Spain. <i>Geoarchaeology - an International Journal</i> , 2021, 36, 573-600.	1.5	6
36	Revealing Sediment Transport Pathways and Geomorphic Change in Washover Fans by Combining Drone-Derived Digital Elevation Models and Single Grain Luminescence Data. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021, 126, e2020JF005792.	2.8	4

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37	Reply to Comment on: Coarse clast ridge sequences as suitable archives for past storm events? Case study on the Houtman Abrolhos, Western Australia. <i>Journal of Quaternary Science</i> , 2013, 28, 213-215.	2.1	3
38	Bronze Age settlement mounds on the Colchian plain at the Black Sea coast of Georgia: A geoarchaeological perspective. <i>Geoarchaeology - an International Journal</i> , 2018, 33, 453-469.	1.5	3
39	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
40	Geological records of tsunamis and other extreme waves: concepts, applications and a short history of research. , 2020, , 3-20.		2
41	Erosive impact of tsunami and storm waves on rocky coasts and post-depositional weathering of coarse-clast deposits. , 2020, , 561-584.		1