Katherine L Maier

List of Publications by Year
in descending order

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32 papers	1,053 citations	567281 15 h-index	526287 27 g-index
36 all docs	36 docs citations	36 times ranked	750 citing authors

#	Article	IF	Citations
1	Seafloor pockmarks on the South Westland margin of the South Island/Te Waipounamu, Aotearoa New Zealand. New Zealand Journal of Geology, and Geophysics, 2023, 66, 42-58.	1.8	2
2	Nearâ€Bed Structure of Sediment Gravity Flows Measured by Motionâ€Sensing â€œBoulderâ€Likeâ€•Benthic Event Detectors (BEDs) in Monterey Canyon. Journal of Geophysical Research F: Earth Surface, 2022, 127, .	2.8	2
3	Submarine Channel Mouth Settings: Processes, Geomorphology, and Deposits. Frontiers in Earth Science, 2022, 10, .	1.8	10
4	Exploring a new breadth of cyclic steps on distal submarine fans. Sedimentology, 2021, 68, 1378-1399.	3.1	13
5	Preconditioning by sediment accumulation can produce powerful turbidity currents without major external triggers. Earth and Planetary Science Letters, 2021, 562, 116845.	4.4	24
6	What determines the downstream evolution of turbidity currents?. Earth and Planetary Science Letters, 2020, 532, 116023.	4.4	52
7	Morphology, structure, and kinematics of the San Clemente and Catalina faults based on high-resolution marine geophysical data, southern California Inner Continental Borderland (USA). , 2020, 16, 1312-1335.		3
8	Direct evidence of a high-concentration basal layer in a submarine turbidity current. Deep-Sea Research Part I: Oceanographic Research Papers, 2020, 161, 103300.	1.4	18
9	Submarine-fan development revealed by integrated high-resolution datasets from La Jolla Fan, offshore California, U.S.A.. Journal of Sedimentary Research, 2020, 90, 468-479.	1.6	22
10	Slope failure and mass transport processes along the Queen Charlotte Fault Zone, western British Columbia. Geological Society Special Publication, 2019, 477, 85-106.	1.3	6
11	Sediment and organic carbon transport and deposition driven by internal tides along Monterey Canyon, offshore California. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 153, 103108.	1.4	20
12	Linking Direct Measurements of Turbidity Currents to Submarine Canyon-Floor Deposits. Frontiers in Earth Science, 2019, 7, .	1.8	40
13	The Santa Cruz Basin Submarine Landslide Complex, Southern California: Repeated Failure of Uplifted Basin Sediment. , 2019, , 117-134.		2
14	Rightâ€Lateral Fault Motion along the Slopeâ€Basin Transition, Gulf of Santa Catalina, Southern California. , 2019, , 256-272.		6
15	Seafloor fluid seeps on Kimki Ridge, offshore southern California: Links to active strike-slip faulting. Deep-Sea Research Part II: Topical Studies in Oceanography, 2018, 150, 82-91.	1.4	8
16	The Tectonically Controlled San Gabriel Channelâ€“Lobe Transition Zone, Catalina Basin, Southern California Borderland. Journal of Sedimentary Research, 2018, 88, 942-959.	1.6	14
17	Powerful turbidity currents driven by dense basal layers. Nature Communications, 2018, 9, 4114.	12.8	164
18	Controls on submarine canyon head evolution: Monterey Canyon, offshore central California. Marine Geology, 2018, 404, 24-40.	2.1	35

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19	A new model for turbidity current behavior based on integration of flow monitoring and precision coring in a submarine canyon. Geology, 2017, 45, 367-370.	4.4	64
20	Investigation of Late Pleistocene and Holocene Activity in the San Gregorio Fault Zone on the Continental Slope North of Monterey Canyon, Offshore Central California. Bulletin of the Seismological Society of America, 2017, 107, 1094-1106.	2.3	4
21	Records of continental slope sediment flow morphodynamic responses to gradient and active faulting from integrated AUV and ROV data, offshore Palos Verdes, southern California Borderland. Marine Geology, 2017, 393, 47-66.	2.1	17
22	Unraveling the Channelâ€“Lobe Transition Zone With High-Resolution AUV Bathymetry: Navy Fan, Offshore Baja California, Mexico. Journal of Sedimentary Research, 2017, 87, 1049-1059.	1.6	37
23	Refined depositional history and dating of the Tongaporutuan reference section, north Taranaki, New Zealand: new volcanic ash Uâ€“Pb zircon ages, biostratigraphy and sedimentation rates. New Zealand Journal of Geology, and Geophysics, 2016, 59, 313-329.	1.8	8
24	The Palos Verdes Fault offshore Southern California: Late Pleistocene to present tectonic geomorphology, seascape evolution, and slip rate estimate based on AUV and ROV surveys. Journal of Geophysical Research: Solid Earth, 2015, 120, 4734-4758.	3.4	31
25	Quaternary Tephrochronology and Deposition in the Subsurface Sacramentoâ€“San Joaquin Delta, California, U.S.A.. Quaternary Research, 2015, 83, 378-393.	1.7	4
26	Erosion at inception of deep-sea channels. Marine and Petroleum Geology, 2013, 41, 48-61.	3.3	118
27	Deepâ€sea channel evolution and stratigraphic architecture from inception to abandonment from highâ€resolution Autonomous Underwater Vehicle surveys offshore central California. Sedimentology, 2013, 60, 935-960.	3.1	57
28	Punctuated Deep-Water Channel Migration: High-Resolution Subsurface Data From the Lucia Chica Channel System, Offshore California, U.S.A.–Reply. Journal of Sedimentary Research, 2013, 83, 93-95.	1.6	1
29	Punctuated Deep-Water Channel Migration: High-Resolution Subsurface Data from the Lucia Chica Channel System, Offshore California, U.S.A. Journal of Sedimentary Research, 2012, 82, 1-8.	1.6	53
30	The elusive character of discontinuous deep-water channels: New insights from Lucia Chica channel system, offshore California. Geology, 2011, 39, 327-330.	4.4	66
31	Origins of large crescent-shaped bedforms within the axial channel of Monterey Canyon, offshore California. , 2010, 6, 755-774.		135
32	A late Miocene low-nutrient window for Caribbean reef formation?. Coral Reefs, 2007, 26, 635-639.	2.2	11