

Alan R Orpin

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

575
citations

932766

10
h-index

996533

15
g-index

19
all docs

19
docs citations

19
times ranked

665
citing authors

#	ARTICLE	IF	CITATIONS
1	Earthquakes drive large-scale submarine canyon development and sediment supply to deep-ocean basins. <i>Science Advances</i> , 2018, 4, eaar3748.	4.7	123
2	From oblique subduction to intra-continental transpression: Structures of the southern Kermadec-Hikurangi margin from multibeam bathymetry, side-scan sonar and seismic reflection. <i>Marine Geophysical Researches</i> , 1996, 18, 357-381.	0.5	116
3	Temporal and spatial complexity in post-glacial sedimentation on the tectonically active, Poverty Bay continental margin of New Zealand. <i>Continental Shelf Research</i> , 2006, 26, 2205-2224.	0.9	62
4	Postglacial (after 18ka) deep-sea sedimentation along the Hikurangi subduction margin (New Zealand): Characterisation, timing and origin of turbidites. <i>Marine Geology</i> , 2012, 295-298, 51-76.	0.9	57
5	A source-to-sink perspective of the Waipaoa River margin. <i>Earth-Science Reviews</i> , 2016, 153, 301-334.	4.0	56
6	Calibrating the marine turbidite palaeoseismometer using the 2016 Kaikōura earthquake. <i>Nature Geoscience</i> , 2021, 14, 161-167.	5.4	35
7	Focused fluid seepage related to variations in accretionary wedge structure, Hikurangi margin, New Zealand. <i>Geology</i> , 2020, 48, 56-61.	2.0	31
8	Distribution of surficial sediments in the ocean around New Zealand/Aotearoa. Part B: continental shelf. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 24-45.	1.0	27
9	Distribution of surficial sediments in the ocean around New Zealand/Aotearoa. Part A: continental slope and deep ocean. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 1-23.	1.0	18
10	Deposition and preservation of tephra in marine sediments at the active Hikurangi subduction margin. <i>Quaternary Science Reviews</i> , 2020, 247, 106500.	1.4	17
11	What We Do in the Shallows: Natural and Anthropogenic Seafloor Geomorphologies in a Drowned River Valley, New Zealand. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
12	Investigating the Basal Shear Zone of the Submarine Tuaheni Landslide Complex, New Zealand: A Core-log Seismic Integration Study. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	8
13	Tsunami hazard potential for the equatorial southwestern Pacific atolls of Tokelau from scenario-based simulations. <i>Natural Hazards and Earth System Sciences</i> , 2016, 16, 1239-1257.	1.5	4
14	The structure and seismic potential of the Aotea and Evans Bay faults, Wellington, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2019, 62, 46-71.	1.0	4
15	Seafloor pockmarks on the South Westland margin of the South Island/Te Waipounamu, Aotearoa New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 2023, 66, 42-58.	1.0	2
16	Quaternary marine tephrochronology of Rock Garden accretionary ridge, Hikurangi Subduction Margin, New Zealand. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 423, 107476.	0.8	2
17	Understanding sedimentary systems and processes of the Hikurangi Subduction Margin; from Trench to Back-Arc. Volume 1. <i>New Zealand Journal of Geology, and Geophysics</i> , 2022, 65, 1-16.	1.0	0