

Daniel Barker

List of Publications by Year in descending order

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14
papers

766
citations

1040056

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h-index

1058476

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g-index

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14
docs citations

14
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	Crustal Structure of the Hikurangi Margin From SHIRE Seismic Data and the Relationship Between Forearc Structure and Shallow Megathrust Slip Behavior. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	8
2	Crustal Structure of the Northern Hikurangi Margin, New Zealand: Variable Accretion and Overthrusting Plate Strength Influenced by Rough Subduction. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021176.	3.4	12
3	Generating High-Fidelity Reflection Images Directly From Full-Waveform Inversion: Hikurangi Subduction Zone Case Study. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094981.	4.0	5
4	Three-Dimensional P Wave Velocity Structure of the Northern Hikurangi Margin From the NZ3D Experiment: Evidence for Fault-Bound Anisotropy. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020433.	3.4	16
5	Slow slip source characterized by lithological and geometric heterogeneity. <i>Science Advances</i> , 2020, 6, eaay3314.	10.3	95
6	Imaging the Shallow Subsurface Structure of the North Hikurangi Subduction Zone, New Zealand, Using Full-Waveform Inversion. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9049-9074.	3.4	24
7	Seismic Evidence of Magmatic Rifting in the Offshore Taupo Volcanic Zone, New Zealand. <i>Geophysical Research Letters</i> , 2019, 46, 12949-12957.	4.0	9
8	Geophysical Constraints on the Relationship Between Seamount Subduction, Slow Slip, and Tremor at the North Hikurangi Subduction Zone, New Zealand. <i>Geophysical Research Letters</i> , 2018, 45, 12,804.	4.0	72
9	The last 2 Myr of accretionary wedge construction in the central Hikurangi margin (North Island,) <i>Tectonics</i> , 2018, 37, 2661-2686.	2.5	47
10	Fluid budgets along the northern Hikurangi subduction margin, New Zealand: the effect of a subducting seamount on fluid pressure. <i>Geophysical Journal International</i> , 2015, 202, 277-297.	2.4	62
11	Seismic reflection character of the Hikurangi subduction interface, New Zealand, in the region of repeated Gisborne slow slip events. <i>Geophysical Journal International</i> , 2010, 180, 34-48.	2.4	160
12	Geometry of the Hikurangi subduction thrust and upper plate, North Island, New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	108
13	Characterizing the seismogenic zone of a major plate boundary subduction thrust: Hikurangi Margin, New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	142
14	Transform and rift structure of Paleogene crust near Resolution Ridge, Tasman Sea, southwest New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	6