Daniel Barker

List of Publications by Year
in descending order

14 papers	766 citations	1040056 9 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	630 citing authors

#	Article	IF	Citations
1	Seismic reflection character of the Hikurangi subduction interface, New Zealand, in the region of repeated Gisborne slow slip events. Geophysical Journal International, 2010, 180, 34-48.	2.4	160
2	Characterizing the seismogenic zone of a major plate boundary subduction thrust: Hikurangi Margin, New Zealand. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	142
3	Geometry of the Hikurangi subduction thrust and upper plate, North Island, New Zealand. Geochemistry, Geophysics, Geosystems, 2009, 10, .	2.5	108
4	Slow slip source characterized by lithological and geometric heterogeneity. Science Advances, 2020, 6, eaay3314.	10.3	95
5	Geophysical Constraints on the Relationship Between Seamount Subduction, Slow Slip, and Tremor at the North Hikurangi Subduction Zone, New Zealand. Geophysical Research Letters, 2018, 45, 12,804.	4.0	72
6	Fluid budgets along the northern Hikurangi subduction margin, New Zealand: the effect of a subducting seamount on fluid pressure. Geophysical Journal International, 2015, 202, 277-297.	2.4	62
7	The last 2 Myr of accretionary wedge construction in the central Hikurangi margin (North Island,) Tj ETQq1 1 0.784314 rgBT /Overloc 2661-2686.	2.5	47
8	Imaging the Shallow Subsurface Structure of the North Hikurangi Subduction Zone, New Zealand, Using 2â€Ð Fullâ€Waveform Inversion. Journal of Geophysical Research: Solid Earth, 2019, 124, 9049-9074.	3.4	24
9	Threeâ€Ðimensional P Wave Velocity Structure of the Northern Hikurangi Margin From the NZ3D Experiment: Evidence for Faultâ€Bound Anisotropy. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020433.	3.4	16
10	Crustal Structure of the Northern Hikurangi Margin, New Zealand: Variable Accretion and Overthrusting Plate Strength Influenced by Rough Subduction. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021176.	3.4	12
11	Seismic Evidence of Magmatic Rifting in the Offshore Taupo Volcanic Zone, New Zealand. Geophysical Research Letters, 2019, 46, 12949-12957.	4.0	9
12	Crustal Structure of the Hikurangi Margin From SHIRE Seismic Data and the Relationship Between Forearc Structure and Shallow Megathrust Slip Behavior. Geophysical Research Letters, 2022, 49, .	4.0	8
13	Transform and rift structure of Paleogene crust near Resolution Ridge, Tasman Sea, southwest New Zealand. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	6
14	Generating Highâ€Fidelity Reflection Images Directly From Fullâ€Waveform Inversion: Hikurangi Subduction Zone Case Study. Geophysical Research Letters, 2021, 48, e2021GL094981.	4.0	5