

Eric C Kendrick

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

1,752
citations

18
h-index

20
g-index

20
ext. papers

1,949
ext. citations

9.3
avg, IF

3.77
L-index

#	Paper	IF	Citations
19	Geodetic observations of very rapid convergence and back-arc extension at the Tonga arc. <i>Nature</i> , 1995 , 374, 249-251	50.4	301
18	The Nazca-South America Euler vector and its rate of change. <i>Journal of South American Earth Sciences</i> , 2003 , 16, 125-131	2	215
17	Spread of ice mass loss into northwest Greenland observed by GRACE and GPS. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	141
16	Seasonal fluctuations in the mass of the Amazon River system and Earth's elastic response. <i>Geophysical Research Letters</i> , 2005 , 32,	4.9	114
15	Crustal motion in the Southern Andes (26°S-36°S): Do the Andes behave like a microplate?. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4,	3.6	114
14	Observed rapid bedrock uplift in Amundsen Sea Embayment promotes ice-sheet stability. <i>Science</i> , 2018 , 360, 1335-1339	33.3	104
13	Accelerating changes in ice mass within Greenland, and the ice sheets sensitivity to atmospheric forcing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1934-1939	11.5	100
12	Bedrock displacements in Greenland manifest ice mass variations, climate cycles and climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 11944-11948	11.5	98
11	The 2010 Maule, Chile earthquake: Downdip rupture limit revealed by space geodesy. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	96
10	Crustal motion in the zone of the 1960 Chile earthquake: Detangling earthquake-cycle deformation and forearc-sliver translation. <i>Geochemistry, Geophysics, Geosystems</i> , 2007 , 8, n/a-n/a	3.6	89
9	On the strength of interplate coupling and the rate of back arc convergence in the central Andes: An analysis of the interseismic velocity field. <i>Geochemistry, Geophysics, Geosystems</i> , 2001 , 2, n/a-n/a	3.6	84
8	An integrated crustal velocity field for the central Andes. <i>Geochemistry, Geophysics, Geosystems</i> , 2001 , 2, n/a-n/a	3.6	73
7	Orogenic-wedge deformation and potential for great earthquakes in the central Andean backarc. <i>Nature Geoscience</i> , 2011 , 4, 380-383	18.3	64
6	Geodetic measurements of vertical crustal velocity in West Antarctica and the implications for ice mass balance. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	62
5	Geodetic measurement of the local elastic response to the changing mass of water in Lago Laja, Chile. <i>Physics of the Earth and Planetary Interiors</i> , 2004 , 141, 71-78	2.3	23
4	Illuminating subduction zone rheological properties in the wake of a giant earthquake. <i>Science Advances</i> , 2019 , 5, eaax6720	14.3	23
3	Kinematics and segmentation of the South Shetland Islands-Bransfield basin system, northern Antarctic Peninsula. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	21

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| 2 | Isolating active orogenic wedge deformation in the southern Subandes of Bolivia. <i>Journal of Geophysical Research: Solid Earth</i> , 2016 , 121, 6192-6218 | 3.6 | 19 |
| 1 | Devising stable geometrical reference frames for use in geodetic studies of vertical crustal motion. <i>Journal of Geodesy</i> , 2013 , 87, 311-321 | 4.5 | 11 |