Eric C Kendrick

List of Publications by Year in Descending Order

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	Accelerating changes in ice mass within Greenland, and the ice sheet's sensitivity to atmospheric forcing. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 1934-1939	11.5	100
18	Illuminating subduction zone rheological properties in the wake of a giant earthquake. *Science Advances*, **2019**, 5, eaax6720	14.3	23
17	Observed rapid bedrock uplift in Amundsen Sea Embayment promotes ice-sheet stability. *Science*, **2018**, 360, 1335-1339	33.3	104
16	Isolating active orogenic wedge deformation in the southern Subandes of Bolivia. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 6192-6218	3.6	19
15	Devising stable geometrical reference frames for use in geodetic studies of vertical crustal motion. *Journal of Geodesy*, **2013**, 87, 311-321	4.5	11
14	Bedrock displacements in Greenland manifest ice mass variations, climate cycles and climate change. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 11944-8	11.5	98
13	Orogenic-wedge deformation and potential for great earthquakes in the central Andean backarc. *Nature Geoscience*, **2011**, 4, 380-383	18.3	64
12	Spread of ice mass loss into northwest Greenland observed by GRACE and GPS. *Geophysical Research Letters*, **2010**, 37, n/a-n/a	4.9	141
11	The 2010 Maule, Chile earthquake: Downdip rupture limit revealed by space geodesy. *Geophysical Research Letters*, **2010**, 37, n/a-n/a	4.9	96
10	Geodetic measurements of vertical crustal velocity in West Antarctica and the implications for ice mass balance. *Geochemistry, Geophysics, Geosystems*, **2009**, 10, n/a-n/a	3.6	62
9	Kinematics and segmentation of the South Shetland Islands-Bransfield basin system, northern Antarctic Peninsula. *Geochemistry, Geophysics, Geosystems*, **2008**, 9, n/a-n/a	3.6	21
8	Crustal motion in the zone of the 1960 Chile earthquake: Detangling earthquake-cycle deformation and forearc-sliver translation. *Geochemistry, Geophysics, Geosystems*, **2007**, 8, n/a-n/a	3.6	89
7	Seasonal fluctuations in the mass of the Amazon River system and Earth's elastic response. *Geophysical Research Letters*, **2005**, 32,	4.9	114
6	Geodetic measurement of the local elastic response to the changing mass of water in Lago Laja, Chile. *Physics of the Earth and Planetary Interiors*, **2004**, 141, 71-78	2.3	23
5	Crustal motion in the Southern Andes (26°–36°S): Do the Andes behave like a microplate?. *Geochemistry, Geophysics, Geosystems*, **2003**, 4,	3.6	114
4	The Nazca–South America Euler vector and its rate of change. *Journal of South American Earth Sciences*, **2003**, 16, 125-131	2	215
3	An integrated crustal velocity field for the central Andes. *Geochemistry, Geophysics, Geosystems*, **2001**, 2, n/a-n/a	3.6	73

2	On the strength of interplate coupling and the rate of back arc convergence in the central Andes: An analysis of the interseismic velocity field. *Geochemistry, Geophysics, Geosystems*, **2001**, 2, n/a-n/a	3.6	84
1	Geodetic observations of very rapid convergence and back-arc extension at the Tonga arc. *Nature*, **1995**, 374, 249-251	50.4	301