Kevin Furlong

List of Publications by Year
in descending order

30 papers	1,100 citations	471509 17 h-index	454955 30 g-index
53 all docs	53 docs citations	53 times ranked	1315 citing authors

#	Article	IF	Citations
1	Regional and Local Patterns of Upperâ€Plate Deformation in Cascadia: The Importance of the Downâ€Dip Extent of Locking Relative to Upperâ€Plate Strength Contrasts. Tectonics, 2022, 41, .	2.8	5
2	Mid-Miocene to Present Upper-Plate Deformation of the Southern Cascadia Forearc: Effects of the Superposition of Subduction and Transform Tectonics. Frontiers in Earth Science, 2022, 10, .	1.8	2
3	Seismotectonic Analysis of the 2019â€“2020 Puerto Rico Sequence: The Value of Absolute Earthquake Relocations in Improved Interpretations of Active Tectonics. Seismological Research Letters, 2022, 93, 544-554.	1.9	4
4	Isolating non-subduction-driven tectonic processes in Cascadia. Geoscience Letters, 2021, 8, .	3.3	5
5	Triggering an unexpected earthquake in an uncoupled subduction zone. Science Advances, 2021, 7, .	10.3	24
6	Bidirectional Loading of the Subduction Interface: Evidence From the Kinematics of Slow Slip Events. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC008918.	2.5	4
7	Evidence of displacement-driven maturation along the San Cristobal Trough transform plate boundary. Earth and Planetary Science Letters, 2018, 485, 88-98.	4.4	7
8	The Geodetic Signature of the Earthquake Cycle at Subduction Zones: Model Constraints on the Deep Processes. Reviews of Geophysics, 2018, 56, 6-49.	23.0	40
9	Initiation of Strikeâ€Slip Faults, Serpentinization, and Methane: The Nootka Fault Zone, the Juan de Fucaâ€Explorer Plate Boundary. Geochemistry, Geophysics, Geosystems, 2018, 19, 4290-4312.	2.5	13
10	The Accumulation of Slip Deficit in Subduction Zones in the Absence of Mechanical Coupling: Implications for the Behavior of Megathrust Earthquakes. Journal of Geophysical Research: Solid Earth, 2018, 123, 8260-8278.	3.4	28
11	Evaluating the state of stress and seismic hazard in Thailand and vicinity through finite element modeling. Journal of Asian Earth Sciences, 2018, 166, 260-269.	2.3	1
12	Reconciling the deformational dichotomy of the 2016 M_w 7.8 Kaikoura New Zealand earthquake. Geophysical Research Letters, 2017, 44, 6788-6791.	4.0	23
13	Integrated geophysical characteristics of the 2015 Illapel, Chile, earthquake. Journal of Geophysical Research: Solid Earth, 2017, 122, 4691-4711.	3.4	13
14	Evaluating the size and extent of paleolakes in central Tibet during the late Pleistocene. Geophysical Research Letters, 2017, 44, 5476-5485.	4.0	18
15	Rapid and punctuated Late Holocene recession of Siling Co, central Tibet. Quaternary Science Reviews, 2017, 172, 15-31.	3.0	45
16	Seismotectonics of the 2014 Chiang Rai, Thailand, earthquake sequence. Journal of Geophysical Research: Solid Earth, 2017, 122, 6367-6388.	3.4	15
17	Foreshock triggering of the 1 April 2014 Mw 8.2 Iquique, Chile, earthquake. Earth and Planetary Science Letters, 2016, 447, 119-129.	4.4	21
18	Reply to Comment on â€œCrustal strength in central Tibet determined from Holocene shoreline deflection around Siling Coâ€• Earth and Planetary Science Letters, 2016, 433, 396-398.	4.4	1

#	Article	IF	Citations
19	Crustal strength in central Tibet determined from Holocene shoreline deflection around Siling Co. Earth and Planetary Science Letters, 2015, 423, 145-154.	4.4	42
20	Holocene slip rate along the Gyaring Co Fault, central Tibet. Geophysical Research Letters, 2014, 41, 5829-5837.	4.0	24
21	Continuing megathrust earthquake potential in Chile after the 2014 Iquique earthquake. Nature, 2014, 512, 295-298.	27.8	158
22	Using regional moment tensors to constrain the kinematics and stress evolution of the 2010â€“2013 Canterbury earthquake sequence, South Island, New Zealand. Tectonophysics, 2014, 633, 1-15.	2.2	25
23	A Great Earthquake Rupture Across a Rapidly Evolving Three-Plate Boundary. Science, 2009, 324, 226-229.	12.6	54
24	The lithospheric geodynamics of plate boundary transpression in New Zealand: Initiating and emplacing subduction along the Hikurangi margin, and the tectonic evolution of the Alpine Fault system. Tectonophysics, 2009, 474, 449-462.	2.2	55
25	The 2006â€“2007 Kuril Islands great earthquake sequence. Journal of Geophysical Research, 2009, 114, .	3.3	112
26	INFLUENCE OF THE MENDOCINO TRIPLE JUNCTION ON THE TECTONICS OF COASTAL CALIFORNIA. Annual Review of Earth and Planetary Sciences, 2004, 32, 403-433.	11.0	87
27	Fault creep and microseismicity on the Hayward fault, California: Implications for asperity size. Geophysical Research Letters, 2003, 30, .	4.0	14
28	Thermal-rheological controls on deformation within oceanic transforms. Geological Society Special Publication, 2001, 186, 65-83.	1.3	11
29	Ephemeral crustal thickening at a triple junction:The Mendocino crustal conveyor. Geology, 1999, 27, 127.	4.4	62
30	Ephemeral plate tectonics at the Queen Charlotte triple junction. Geology, 1995, 23, 1035.	4.4	59