Stephen T Johnston

List of Publications by Year in descending order

33 papers	2,552 citations	236925 25 h-index	395702 33 g-index
33 all docs	33 docs citations	33 times ranked	2017 citing authors

#	Article	IF	Citations
1	Cretaceous tectonic evolution of South China: A preliminary synthesis. Earth-Science Reviews, 2014, 134, 98-136.	9.1	458
2	The Great Alaskan Terrane Wreck: reconciliation of paleomagnetic and geological data in the northern Cordillera. Earth and Planetary Science Letters, 2001, 193, 259-272.	4.4	182
3	Cocos-Nazca slab window beneath Central America. Earth and Planetary Science Letters, 1997, 146, 465-474.	4.4	174
4	Self-subduction of the Pangaean globalÂplate. Nature Geoscience, 2008, 1, 549-553.	12.9	145
5	The Laramide Orogeny: What Were the Driving Forces?. International Geology Review, 2004, 46, 833-838.	2.1	143
6	Diachronous postâ€orogenic magmatism within a developing orocline in Iberia, European Variscides. Tectonics, 2011, 30, .	2.8	143
7	The Cordilleran Ribbon Continent of North America. Annual Review of Earth and Planetary Sciences, 2008, 36, 495-530.	11.0	136
8	Thermal modelling of the Laramide orogeny: testing the flat-slab subduction hypothesis. Earth and Planetary Science Letters, 2003, 214, 619-632.	4.4	116
9	An Andean-type retro-arc foreland system beneath northwest South China revealed by SINOPROBE profiling. Earth and Planetary Science Letters, 2018, 490, 170-179.	4.4	109
10	New insights into Phanerozoic tectonics of south China: Part 1, polyphase deformation in the Jiuling and Lianyunshan domains of the central Jiangnan Orogen. Journal of Geophysical Research: Solid Earth, 2016, 121, 3048-3080.	3.4	101
11	New insights into Phanerozoic tectonics of South China: Early Paleozoic sinistral and Triassic dextral transpression in the east Wuyishan and Chencai domains, NE Cathaysia. Tectonics, 2017, 36, 819-853.	2.8	90
12	Oroclines of the Variscan orogen of Iberia: Paleocurrent analysis and paleogeographic implications. Earth and Planetary Science Letters, 2012, 329-330, 60-70.	4.4	86
13	Dating of lithospheric buckling: 40Ar/39Ar ages of syn-orocline strikeâ€slip shear zones in northwestern Iberia. Tectonophysics, 2015, 643, 44-54.	2.2	85
14	Yellowstone in Yukon: The Late Cretaceous Carmacks Group. Geology, 1996, 24, 997.	4.4	53
15	Permo-Triassic structural evolution of the Shiwandashan and Youjiang structural belts, South China. Journal of Structural Geology, 2017, 100, 24-44.	2.3	50
16	Reconciling competing models for the tectono-stratigraphic zonation of the Variscan orogen in Western Europe. Tectonophysics, 2016, 681, 209-219.	2.2	47
17	Igneous and metaigneous age constraints for the Aishihik Metamorphic suite, southwest Yukon. Canadian Journal of Earth Sciences, 1996, 33, 1543-1555.	1.3	45
18	The big flush: paleomagnetic signature of a 70 Ma regional hydrothermal event in displaced rocks of the northern Canadian Cordillera. Canadian Journal of Earth Sciences, 1998, 35, 657-671.	1.3	43

#	Article	IF	Citations
19	A Quantitative Tomotectonic Plate Reconstruction of Western North America and the Eastern Pacific Basin. Geochemistry, Geophysics, Geosystems, 2020, 21, e2020GC009117.	2.5	41
20	The Eocene Southern Vancouver Island Orocline â€" a response to seamount accretion and the cause of fold-and-thrust belt and extensional basin formation. Tectonophysics, 2003, 365, 165-183.	2.2	34
21	Collisional orogenesis in the northern Canadian Cordillera: Implications for Cordilleran crustal structure, ophiolite emplacement, continental growth, and the terrane hypothesis. Earth and Planetary Science Letters, 2005, 232, 333-344.	4.4	34
22	Terrane wrecks (coupled oroclines) and paleomagnetic inclination anomalies. Earth-Science Reviews, 2016, 154, 191-209.	9.1	31
23	Reconstructing the ancestral Yellowstone plume from accreted seamounts and its relationship to flat-slab subduction. Tectonophysics, 2003, 365, 185-194.	2.2	30
24	The Bothnian coupled oroclines of the Svecofennian Orogen: a Palaeoproterozoic terrane wreck. Terra Nova, 2014, 26, 330-335.	2.1	29
25	The North American Cordillera and West European Variscides: Contrasting interpretations of similar mountain systems. Gondwana Research, 2010, 17, 516-525.	6.0	27
26	Seismic evidence for a mantle suture and implications for the origin of the Canadian Cordillera. Nature Communications, 2019, 10, 2249.	12.8	25
27	Anisotropy of magnetic susceptibility studies in Tertiary ridge-parallel dykes (Iceland), Tertiary margin-normal Aishihik dykes (Yukon), and Proterozoic Kenoraâ€"Kabetogama composite dykes (Minnesota and Ontario). Tectonophysics, 2008, 448, 115-124.	2.2	20
28	A Cretaceous back-arc basin in the Coast Belt of the northern Canadian Cordillera: evidence from geochemical and neodymium isotope characteristics of the Kluane metamorphic assemblage, southwest Yukon. Canadian Journal of Earth Sciences, 2001, 38, 91-103.	1.3	18
29	Large-scale coast-parallel displacements in the Cordillera: a granitic resolution to a paleomagnetic dilemma. Journal of Structural Geology, 1999, 21, 1103-1108.	2.3	17
30	Geology and juxtaposition history of the Yukon-Tanana, Slide Mountain, and Cassiar terranes in the Glenlyon area of central Yukon. Canadian Journal of Earth Sciences, 2005, 42, 1431-1448.	1.3	17
31	Kimberlite magmatism induced by west-dipping subduction of the North American plate. Geology, 2019, 47, 395-398.	4.4	11
32	Thermal history of the Donjek harzburgite massif in ophiolite from Yukon, Canada with implications for the cooling of oceanic mantle lithosphere. Lithos, 2019, 328-329, 33-42.	1.4	7
33	Interference folding and orocline implications: A structural study of the Ponga Unit, Cantabrian orocline, northern Spain. Lithosphere, 2016, 8, 757-768.	1.4	5