

Stephen T Johnston

List of Publications by Year in descending order

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33
papers

2,552
citations

236925

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395702

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times ranked

2017
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A Quantitative Tomotectonic Plate Reconstruction of Western North America and the Eastern Pacific Basin. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009117. | 2.5 | 41 |
| 2 | Seismic evidence for a mantle suture and implications for the origin of the Canadian Cordillera. <i>Nature Communications</i> , 2019, 10, 2249. | 12.8 | 25 |
| 3 | Kimberlite magmatism induced by west-dipping subduction of the North American plate. <i>Geology</i> , 2019, 47, 395-398. | 4.4 | 11 |
| 4 | Thermal history of the Donjek harzburgite massif in ophiolite from Yukon, Canada with implications for the cooling of oceanic mantle lithosphere. <i>Lithos</i> , 2019, 328-329, 33-42. | 1.4 | 7 |
| 5 | An Andean-type retro-arc foreland system beneath northwest South China revealed by SINOPROBE profiling. <i>Earth and Planetary Science Letters</i> , 2018, 490, 170-179. | 4.4 | 109 |
| 6 | New insights into Phanerozoic tectonics of South China: Early Paleozoic sinistral and Triassic dextral transpression in the east Wuyishan and Chencai domains, NE Cathaysia. <i>Tectonics</i> , 2017, 36, 819-853. | 2.8 | 90 |
| 7 | Permo-Triassic structural evolution of the Shiwandashan and Youjiang structural belts, South China. <i>Journal of Structural Geology</i> , 2017, 100, 24-44. | 2.3 | 50 |
| 8 | Interference folding and orocline implications: A structural study of the Ponga Unit, Cantabrian orocline, northern Spain. <i>Lithosphere</i> , 2016, 8, 757-768. | 1.4 | 5 |
| 9 | Reconciling competing models for the tectono-stratigraphic zonation of the Variscan orogen in Western Europe. <i>Tectonophysics</i> , 2016, 681, 209-219. | 2.2 | 47 |
| 10 | New insights into Phanerozoic tectonics of south China: Part 1, polyphase deformation in the Jiuling and Lianyunshan domains of the central Jiangnan Orogen. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 3048-3080. | 3.4 | 101 |
| 11 | Terrane wrecks (coupled oroclines) and paleomagnetic inclination anomalies. <i>Earth-Science Reviews</i> , 2016, 154, 191-209. | 9.1 | 31 |
| 12 | Dating of lithospheric buckling: $^{40}\text{Ar}/^{39}\text{Ar}$ ages of syn-orocline strike-slip shear zones in northwestern Iberia. <i>Tectonophysics</i> , 2015, 643, 44-54. | 2.2 | 85 |
| 13 | The Bothnian coupled oroclines of the Svecofennian Orogen: a Palaeoproterozoic terrane wreck. <i>Terra Nova</i> , 2014, 26, 330-335. | 2.1 | 29 |
| 14 | Cretaceous tectonic evolution of South China: A preliminary synthesis. <i>Earth-Science Reviews</i> , 2014, 134, 98-136. | 9.1 | 458 |
| 15 | Oroclines of the Variscan orogen of Iberia: Paleocurrent analysis and paleogeographic implications. <i>Earth and Planetary Science Letters</i> , 2012, 329-330, 60-70. | 4.4 | 86 |
| 16 | Diachronous post-orogenic magmatism within a developing orocline in Iberia, European Variscides. <i>Tectonics</i> , 2011, 30, . | 2.8 | 143 |
| 17 | The North American Cordillera and West European Variscides: Contrasting interpretations of similar mountain systems. <i>Gondwana Research</i> , 2010, 17, 516-525. | 6.0 | 27 |
| 18 | Self-subduction of the Pangaeon global plate. <i>Nature Geoscience</i> , 2008, 1, 549-553. | 12.9 | 145 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | 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). <i>Tectonophysics</i> , 2008, 448, 115-124. | 2.2 | 20 |
| 20 | The Cordilleran Ribbon Continent of North America. <i>Annual Review of Earth and Planetary Sciences</i> , 2008, 36, 495-530. | 11.0 | 136 |
| 21 | Geology and juxtaposition history of the Yukon-Tanana, Slide Mountain, and Cassiar terranes in the Glenlyon area of central Yukon. <i>Canadian Journal of Earth Sciences</i> , 2005, 42, 1431-1448. | 1.3 | 17 |
| 22 | Collisional orogenesis in the northern Canadian Cordillera: Implications for Cordilleran crustal structure, ophiolite emplacement, continental growth, and the terrane hypothesis. <i>Earth and Planetary Science Letters</i> , 2005, 232, 333-344. | 4.4 | 34 |
| 23 | The Laramide Orogeny: What Were the Driving Forces?. <i>International Geology Review</i> , 2004, 46, 833-838. | 2.1 | 143 |
| 24 | Thermal modelling of the Laramide orogeny: testing the flat-slab subduction hypothesis. <i>Earth and Planetary Science Letters</i> , 2003, 214, 619-632. | 4.4 | 116 |
| 25 | The Eocene Southern Vancouver Island Orocline â€” a response to seamount accretion and the cause of fold-and-thrust belt and extensional basin formation. <i>Tectonophysics</i> , 2003, 365, 165-183. | 2.2 | 34 |
| 26 | Reconstructing the ancestral Yellowstone plume from accreted seamounts and its relationship to flat-slab subduction. <i>Tectonophysics</i> , 2003, 365, 185-194. | 2.2 | 30 |
| 27 | The Great Alaskan Terrane Wreck: reconciliation of paleomagnetic and geological data in the northern Cordillera. <i>Earth and Planetary Science Letters</i> , 2001, 193, 259-272. | 4.4 | 182 |
| 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. <i>Canadian Journal of Earth Sciences</i> , 2001, 38, 91-103. | 1.3 | 18 |
| 29 | Large-scale coast-parallel displacements in the Cordillera: a granitic resolution to a paleomagnetic dilemma. <i>Journal of Structural Geology</i> , 1999, 21, 1103-1108. | 2.3 | 17 |
| 30 | The big flush: paleomagnetic signature of a 70 Ma regional hydrothermal event in displaced rocks of the northern Canadian Cordillera. <i>Canadian Journal of Earth Sciences</i> , 1998, 35, 657-671. | 1.3 | 43 |
| 31 | Cocos-Nazca slab window beneath Central America. <i>Earth and Planetary Science Letters</i> , 1997, 146, 465-474. | 4.4 | 174 |
| 32 | Yellowstone in Yukon: The Late Cretaceous Carmacks Group. <i>Geology</i> , 1996, 24, 997. | 4.4 | 53 |
| 33 | Igneous and metaigneous age constraints for the Aishihik Metamorphic suite, southwest Yukon. <i>Canadian Journal of Earth Sciences</i> , 1996, 33, 1543-1555. | 1.3 | 45 |