

Geoffrey E Batt

List of Publications by Year in descending order

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papers

1,674
citations

361413

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454955

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docs citations

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times ranked

1655
citing authors

#	ARTICLE	IF	CITATIONS
1	Zircon (U-Th)/He thermochronometric constraints on the mineralization of the giant Xikuangshan Sb deposit in central Hunan, South China. <i>Mineralium Deposita</i> , 2020, 55, 901-912.	4.1	20
2	Post-250 Ma thermal evolution of the central Cathaysia Block (SE China) in response to flat-slab subduction at the proto-Western Pacific margin. <i>Gondwana Research</i> , 2019, 75, 1-15.	6.0	22
3	Thermochronological record of Middle-Late Jurassic magmatic reheating to Eocene rift-related rapid cooling in the SE South China Block. <i>Gondwana Research</i> , 2017, 46, 191-203.	6.0	24
4	Effect of strain-weakening on Oligocene-Miocene self-organization of the Australian-Pacific plate boundary fault in southern New Zealand: Insights from numerical modelling. <i>Journal of Geodynamics</i> , 2016, 100, 130-143.	1.6	12
5	Tectonothermal history of the NE Jiangshan-Shaoxing suture zone: Evidence from $^{40}\text{Ar}/^{39}\text{Ar}$ and fission-track thermochronology in the Chencai region. <i>Precambrian Research</i> , 2015, 264, 192-203.	2.7	22
6	Detrital zircon U-Pb geochronology and stratigraphy of the Cretaceous Sanjiang Basin in NE China: Provenance record of an abrupt tectonic switch in the mode and nature of the NE Asian continental margin evolution. <i>Tectonophysics</i> , 2015, 665, 58-78.	2.2	31
7	Cooling and exhumation of the mid-Jurassic porphyry copper systems in Dexing City, SE China: insights from geo- and thermochronology. <i>Mineralium Deposita</i> , 2014, 49, 809-819.	4.1	23
8	Geological and thermochronological studies of the Dashui gold deposit, West Qinling Orogen, Central China. <i>Mineralium Deposita</i> , 2013, 48, 397-412.	4.1	32
9	Slip localization on the southern Alpine Fault, New Zealand. <i>Tectonics</i> , 2013, 32, 620-640.	2.8	55
10	Early Cretaceous provenance change in the southern Hailar Basin, northeastern China and its implication for basin evolution. <i>Cretaceous Research</i> , 2013, 40, 21-42.	1.4	45
11	Neogene rock uplift and erosion in northern Borneo: evidence from the Kinabalu granite, Mount Kinabalu. <i>Journal of the Geological Society</i> , 2013, 170, 805-816.	2.1	49
12	Late Mesozoic-Cenozoic evolution of the Sanjiang Basin in NE China and its tectonic implications for the West Pacific continental margin. <i>Journal of Asian Earth Sciences</i> , 2012, 49, 287-299.	2.3	56
13	Exhumation and relief development in the Pelvoux and Dora-Maira massifs (western Alps) assessed by spectral analysis and inversion of thermochronological age transects. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	20
14	Early Cretaceous volcanism in the northern Songliao Basin, NE China, and its geodynamic implication. <i>Gondwana Research</i> , 2011, 19, 163-176.	6.0	123
15	Permian flood basalts from the Tarim Basin, Northwest China: SHRIMP zircon U-Pb dating and geochemical characteristics. <i>Gondwana Research</i> , 2011, 20, 485-497.	6.0	135
16	The Uplift History of the Haiyuan-Liupan Shan Region Northeast of the Present Tibetan Plateau: Integrated Constraint from Stratigraphy and Thermochronology. <i>Journal of Geology</i> , 2011, 119, 372-393.	1.4	62
17	Cretaceous sedimentary blanketing and tectonic rejuvenation in the Western Klamath mountains: Insights from thermochronology. <i>Open Geosciences</i> , 2010, 2, 138-151.	1.7	3
18	Kinematic strain localization. <i>Earth and Planetary Science Letters</i> , 2010, 300, 197-204.	4.4	8

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19	Variations in exhumation level and uplift rate along the obliqu-slip Alpine fault, central Southern Alps, New Zealand. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 707.	3.3	154
20	A zero-damage model for fission-track annealing in zircon. <i>American Mineralogist</i> , 2004, 89, 473-484.	1.9	185
21	Correction to "Tectonic synthesis of the Olympic Mountains segment of the Cascadia wedge, using two-dimensional thermal and kinematic modeling of thermochronological ages". <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	1
22	Cenozoic plate boundary evolution in the South Island of New Zealand: New thermochronological constraints. <i>Tectonics</i> , 2004, 23, n/a-n/a.	2.8	46
23	Lateral thinking: 2-D interpretation of thermochronology in convergent orogenic settings. <i>Tectonophysics</i> , 2002, 349, 185-201.	2.2	58
24	Tectonic synthesis of the Olympic Mountains segment of the Cascadia wedge, using two-dimensional thermal and kinematic modeling of thermochronological ages. <i>Journal of Geophysical Research</i> , 2001, 106, 26731-26746.	3.3	76
25	The approach to steady-state thermochronological distribution following orogenic development in the Southern Alps of New Zealand. <i>Numerische Mathematik</i> , 2001, 301, 374-384.	1.4	15
26	New insight into the dynamic development of the Southern Alps, New Zealand, from detailed thermochronological investigation of the Mataketake Range pegmatites. <i>Geological Society Special Publication</i> , 1999, 154, 261-282.	1.3	17
27	The tectonic evolution of the Southern Alps, New Zealand: insights from fully thermally coupled dynamical modelling. <i>Geophysical Journal International</i> , 1999, 136, 403-420.	2.4	120
28	Subduction zone retreat and recent tectonics of the South Island of New Zealand. <i>Tectonics</i> , 1998, 17, 267-284.	2.8	21
29	On the thermomechanical evolution of compressional orogens. <i>Geophysical Journal International</i> , 1997, 128, 364-382.	2.4	131
30	A simple kinematic model for crustal deformation along two- and three-dimensional listric normal faults derived from scaled laboratory experiments. <i>Journal of Structural Geology</i> , 1994, 16, 1477-1490.	2.3	17