

# Gilby Jepson

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

507  
citations

759233

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677142

22  
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times ranked

404  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesozoic building of the Eastern Tianshan and East Junggar (NW China) revealed by low-temperature thermochronology. <i>Gondwana Research</i> , 2022, 103, 37-53.	6.0	24
2	Uplift-exhumation and preservation of the Yumugou Mo-W deposit, East Qinling, China: Insights from multiple apatite low-temperature thermochronology. <i>Ore Geology Reviews</i> , 2022, 141, 104670.	2.7	12
3	Where did the Arizonaâ€Plano Go? Protracted Thinning Via Upperâ€to Lowerâ€Crustal Processes. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	5
4	Estimates of paleo-crustal thickness at Cerro Aconcagua (Southern Central Andes) from detrital proxy-records: Implications for models of continental arc evolution. <i>Earth and Planetary Science Letters</i> , 2022, 585, 117526.	4.4	13
5	Corrigendum to â€œEstimates of paleo-crustal thickness at Cerro Aconcagua (Southern Central Andes) from detrital proxy-records: Implications for models of continental arc evolutionâ€[ <i>Earth Planet. Sci. Lett.</i> 585 (2022) 117526]. <i>Earth and Planetary Science Letters</i> , 2022, 592, 117635.	4.4	2
6	Resolving mid- to upper-crustal exhumation through apatite petrochronology and thermochronology. <i>Chemical Geology</i> , 2021, 565, 120071.	3.3	19
7	Inherited structure as a control on late Paleozoic and Mesozoic exhumation of the Tarbagatai Mountains, southeastern Kazakhstan. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	6
8	The Mesozoic exhumation history of the Karatau-Talas range, western Tian Shan, Kazakhstan-Kyrgyzstan. <i>Tectonophysics</i> , 2021, 814, 228977.	2.2	12
9	Climate as the Great Equalizer of Continentalâ€Scale Erosion. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095008.	4.0	16
10	Tectonic history of the Kolyvanâ€Tomsk folded zone (<sup>KTFZ</sup>), Russia: Insight from zircon <sup>U</sup>/<sup>P</sup>b geochronology and <sup>N</sup>/<sup>d</sup> isotopes. <i>Geological Journal</i> , 2020, 55, 1913-1930.	1.3	8
11	Late Paleozoic Exhumation of the West Junggar Mountains, NW China. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018013.	3.4	13
12	Meso-Cenozoic multiple exhumation in the Shandong Peninsula, eastern North China Craton: Implications for lithospheric destruction. <i>Lithos</i> , 2020, 370-371, 105597.	1.4	18
13	Exhumation of the Coyote Mountains Metamorphic Core Complex (Arizona): Implications for Orogenic Collapse of the Southern North American Cordillera. <i>Tectonics</i> , 2020, 39, e2019TC006050.	2.8	13
14	Geochronology of metamorphism, deformation and fluid circulation: A comparison between Rb-Sr and Ar-Ar phyllosilicate and U-Pb apatite systematics in the Karagwe-Ankole Belt (Central Africa). <i>Gondwana Research</i> , 2020, 83, 279-297.	6.0	11
15	Structural evolution and medium-temperature thermochronology of central Madagascar: implications for Gondwana amalgamation. <i>Journal of the Geological Society</i> , 2020, 177, 784-798.	2.1	17
16	<i>In situ</i> stress and natural fractures in the Carnarvon Basin, North West Shelf, Australia. <i>Exploration Geophysics</i> , 2019, 50, 514-531.	1.1	5
17	The thermo-tectonic evolution of the southern Congo Craton margin as determined from apatite and muscovite thermochronology. <i>Tectonophysics</i> , 2019, 766, 398-415.	2.2	6
18	Thermo-tectonic history of the Junggar Alatau within the Central Asian Orogenic Belt (SE Kazakhstan), Tj ETQq0 0 0 rgBT /Overlock 10 T <i>Geoscience Frontiers</i> , 2019, 10, 2153-2166.	8.4	35

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19	Thermochronological and geochemical footprints of post-orogenic fluid alteration recorded in apatite: Implications for mineralisation in the Uzbek Tian Shan. <i>Gondwana Research</i> , 2019, 71, 1-15.	6.0	39
20	Tectono-thermal evolution of the southwestern Alxa Tectonic Belt, NW China: Constrained by apatite U-Pb and fission track thermochronology. <i>Tectonophysics</i> , 2018, 722, 577-594.	2.2	29
21	Thermochronological insights into the structural contact between the Tian Shan and Pamirs, Tajikistan. <i>Terra Nova</i> , 2018, 30, 95-104.	2.1	43
22	Low-temperature Thermochronology of the Chatkal-Kurama Terrane (Uzbekistan-Tajikistan): Insights Into the Meso-Cenozoic Thermal History of the Western Tian Shan. <i>Tectonics</i> , 2018, 37, 3954-3969.	2.8	32
23	The low-temperature thermo-tectonic evolution of the western Tian Shan, Uzbekistan. <i>Gondwana Research</i> , 2018, 64, 122-136.	6.0	26
24	Thermal and exhumation history of Sakhalin Island (Russia) constrained by apatite U-Pb and fission track thermochronology. <i>Journal of Asian Earth Sciences</i> , 2017, 143, 326-342.	2.3	47
25	Differential Exhumation and Crustal Tilting in the Easternmost Tianshan (Xinjiang, China), Revealed by Low-temperature Thermochronology. <i>Tectonics</i> , 2017, 36, 2142-2158.	2.8	54