Gilby Jepson

List of Publications by Year
in descending order

		759233	677142
25	507	12	22
papers	citations	h-index	g-index

29	29	29	404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential Exhumation and Crustal Tilting in the Easternmost Tianshan (Xinjiang, China), Revealed by Lowâ€Temperature Thermochronology. Tectonics, 2017, 36, 2142-2158.	2.8	54
2	Thermal and exhumation history of Sakhalin Island (Russia) constrained by apatite U-Pb and fission track thermochronology. Journal of Asian Earth Sciences, 2017, 143, 326-342.	2.3	47
3	Thermochronological insights into the structural contact between the Tian Shan and Pamirs, Tajikistan. Terra Nova, 2018, 30, 95-104.	2.1	43
4	Thermochronological and geochemical footprints of post-orogenic fluid alteration recorded in apatite: Implications for mineralisation in the Uzbek Tian Shan. Gondwana Research, 2019, 71, 1-15.	6.0	39
5	Thermo-tectonic history of the Junggar Alatau within the Central Asian Orogenic Belt (SE Kazakhstan,) Tj ETQq1 1 0.784314 rgBT /Ov Geoscience Frontiers, 2019, 10, 2153-2166.	8.4	35
6	Lowâ€Temperature Thermochronology of the Chatkalâ€Kurama Terrane (Uzbekistanâ€Tajikistan): Insights Into the Mesoâ€Cenozoic Thermal History of the Western Tian Shan. Tectonics, 2018, 37, 3954-3969.	2.8	32
7	Tectono-thermal evolution of the southwestern Alxa Tectonic Belt, NW China: Constrained by apatite U-Pb and fission track thermochronology. Tectonophysics, 2018, 722, 577-594.	2.2	29
8	The low-temperature thermo-tectonic evolution of the western Tian Shan, Uzbekistan. Gondwana Research, 2018, 64, 122-136.	6.0	26
9	Mesozoic building of the Eastern Tianshan and East Junggar (NW China) revealed by low-temperature thermochronology. Gondwana Research, 2022, 103, 37-53.	6.0	24
10	Resolving mid- to upper-crustal exhumation through apatite petrochronology and thermochronology. Chemical Geology, 2021, 565, 120071.	3.3	19
11	Meso-Cenozoic multiple exhumation in the Shandong Peninsula, eastern North China Craton: Implications for lithospheric destruction. Lithos, 2020, 370-371, 105597.	1.4	18
12	Structural evolution and medium-temperature thermochronology of central Madagascar: implications for Gondwana amalgamation. Journal of the Geological Society, 2020, 177, 784-798.	2.1	17
13	Climate as the Great Equalizer of Continentalâ€Scale Erosion. Geophysical Research Letters, 2021, 48, e2021GL095008.	4.0	16
14	Late Paleozoic Exhumation of the West Junggar Mountains, NW China. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018013.	3.4	13
15	Exhumation of the Coyote Mountains Metamorphic Core Complex (Arizona): Implications for Orogenic Collapse of the Southern North American Cordillera. Tectonics, 2020, 39, e2019TC006050.	2.8	13
16	Estimates of paleo-crustal thickness at Cerro Aconcagua (Southern Central Andes) from detrital proxy-records: Implications for models of continental arc evolution. Earth and Planetary Science Letters, 2022, 585, 117526.	4.4	13
17	The Mesozoic exhumation history of the Karatau-Talas range, western Tian Shan, Kazakhstan-Kyrgyzstan. Tectonophysics, 2021, 814, 228977.	2.2	12
18	Uplift-exhumation and preservation of the Yumugou Mo-W deposit, East Qinling, China: Insights from multiple apatite low-temperature thermochronology. Ore Geology Reviews, 2022, 141, 104670.	2.7	12

#	Article	IF	Citations
19	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). Gondwana Research, 2020, 83, 279-297.	6.0	11
20	Tectonic history of the Kolyvanâ€“Tomsk folded zone (<scp>KTFZ</scp>), Russia: Insight from zircon <scp>U</scp>/<scp>P</scp>b geochronology and <scp>N</scp>d isotopes. Geological Journal, 2020, 55, 1913-1930.	1.3	8
21	The thermo-tectonic evolution of the southern Congo Craton margin as determined from apatite and muscovite thermochronology. Tectonophysics, 2019, 766, 398-415.	2.2	6
22	Inherited structure as a control on late Paleozoic and Mesozoic exhumation of the Tarbagatai Mountains, southeastern Kazakhstan. Journal of the Geological Society, 2021, 178, .	2.1	6
23	In situ stress and natural fractures in the Carnarvon Basin, North West Shelf, Australia. Exploration Geophysics, 2019, 50, 514-531.	1.1	5
24	Where did the Arizonaâ€Plano Go? Protracted Thinning Via Upperâ€•to Lowerâ€Crustal Processes. Journal of Geophysical Research: Solid Earth, 2022, 127, .	3.4	5
25	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€•[Earth Planet. Sci. Lett. 585 (2022) 117526]. Earth and Planetary Science Letters, 2022, 592, 117635.	4.4	2