

Tiffany Barry

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,358
citations

361413

20
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1468
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanding the toolbox for dating basaltic lava sequences: ^{40}Ar – ^{39}Ar dating of silicic volcanic glass from interbeds. <i>Journal of the Geological Society</i> , 2021, 178, jgs2019-207.	2.1	0
2	Geochemistry and geochronology of intermediate volcanic rocks from the Compostela area, Nayarit, Mexico: Implications for petrogenesis and tectonic setting. <i>Geological Journal</i> , 2021, 56, 4401-4428.	1.3	4
3	Fingerprinting fluid evolution by trace elements in epithermal pyrite, Vatukoula Au-Te deposit, Fiji. <i>Ore Geology Reviews</i> , 2021, 137, 104314.	2.7	14
4	The Role of Lithosphere Thickness in the Formation of Ocean Islands and Seamounts: Contrasts between the Louisville and Emperor–Hawaiian Hotspot Trails. <i>Journal of Petrology</i> , 2021, 61, .	2.8	5
5	Evidence for southward subduction of the Mongol-Okhotsk oceanic plate: Implications from Mesozoic adakitic lavas from Mongolia. <i>Gondwana Research</i> , 2020, 79, 140-156.	6.0	33
6	Late Jurassic high-Mg andesites in the Youjiang Basin and their significance for the southward continuation of the Jiangnan Orogen, South China. <i>Gondwana Research</i> , 2020, 77, 260-273.	6.0	16
7	$^{40}\text{Ar}/^{39}\text{Ar}$ geochronology and petrogenesis of the Sierra de San Miguelito Volcanic Complex, Mesa Central, Mexico. <i>Lithos</i> , 2020, 370-371, 105613.	1.4	7
8	Simultaneous and extensive removal of the East Asian lithospheric root. <i>Scientific Reports</i> , 2020, 10, 4128.	3.3	30
9	Pyrite chemistry: A new window into Au-Te ore-forming processes in alkaline epithermal districts, Cripple Creek, Colorado. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 274, 172-191.	3.9	63
10	Spatial and temporal influence of Pacific subduction on South China: geochemical migration of Cretaceous mafic–intermediate rocks. <i>Journal of the Geological Society</i> , 2020, 177, 1013-1024.	2.1	19
11	The use of magnetite as a geochemical indicator in the exploration for magmatic Ni-Cu-PGE sulfide deposits: A case study from Munali, Zambia. <i>Journal of Geochemical Exploration</i> , 2018, 188, 172-184.	3.2	26
12	Polymineralic inclusions in mantle chromitites from the Oman ophiolite indicate a highly magnesian parental melt. <i>Lithos</i> , 2018, 310-311, 381-391.	1.4	32
13	Jurassic metasomatised lithospheric mantle beneath South China and its implications: Geochemical and Sr-Nd isotope evidence from the Late Jurassic shoshonitic rocks. <i>Lithos</i> , 2018, 320-321, 236-249.	1.4	17
14	Whole-mantle convection with tectonic plates preserves long-term global patterns of upper mantle geochemistry. <i>Scientific Reports</i> , 2017, 7, 1870.	3.3	23
15	GSSPs, global stratigraphy and correlation. <i>Geological Society Special Publication</i> , 2015, 404, 37-67.	1.3	31
16	Highly depleted isotopic compositions evident in Iapetus and Rheic Ocean basalts: implications for crustal generation and preservation. <i>International Journal of Earth Sciences</i> , 2014, 103, 1219-1232.	1.8	13
17	Vestiges of the proto-Caribbean seaway: Origin of the San Souci Volcanic Group, Trinidad. <i>Tectonophysics</i> , 2014, 626, 170-185.	2.2	11
18	Temporal and spatial evolution of a waxing then waning catastrophic density current revealed by chemical mapping. <i>Geology</i> , 2014, 42, 107-110.	4.4	41

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19	Cenozoic Volcanism on the Hangai Dome, Central Mongolia: Geochemical Evidence for Changing Melt Sources and Implications for Mechanisms of Melting. <i>Journal of Petrology</i> , 2012, 53, 1913-1942.	2.8	72
20	Synkinematic emplacement of Lassiter Coast Intrusive Suite plutons during the Palmer Land Event: evidence for mid-Cretaceous sinistral transpression at the Beaumont Glacier in eastern Palmer Land. <i>Journal of the Geological Society</i> , 2012, 169, 759-771.	2.1	8
21	Geochemical correlation of three large-volume ignimbrites from the Yellowstone hotspot track, Idaho, USA. <i>Bulletin of Volcanology</i> , 2012, 74, 261-277.	3.0	29
22	Petrologic constraints on the development of a large-volume, high temperature, silicic magma system: The Twin Falls eruptive centre, central Snake River Plain. <i>Lithos</i> , 2010, 120, 475-489.	1.4	62
23	“Snake River (SR)-type” volcanism at the Yellowstone hotspot track: distinctive products from unusual, high-temperature silicic super-eruptions. <i>Bulletin of Volcanology</i> , 2008, 70, 293-314.	3.0	137
24	The Mesoproterozoic Zig-Zag Dal basalts and associated intrusions of eastern North Greenland: mantle plume-lithosphere interaction. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 40-56.	3.1	64
25	What status for the Quaternary?. <i>Boreas</i> , 2005, 34, 1-6.	2.4	61
26	Possible diffusive fractionation of helium isotopes in olivine and clinopyroxene phenocrysts. <i>European Journal of Mineralogy</i> , 2004, 16, 213-220.	1.3	33
27	Sheathfolds in rheomorphic ignimbrites. <i>Bulletin of Volcanology</i> , 2004, 66, 485-491.	3.0	48
28	The Quaternary pyroclastic succession of southeast Tenerife, Canary Islands: explosive eruptions, related caldera subsidence, and sector collapse. <i>Geological Magazine</i> , 2003, 140, 265-288.	1.5	81
29	Petrogenesis of Cenozoic Basalts from Mongolia: Evidence for the Role of Asthenospheric versus Metasomatized Lithospheric Mantle Sources. <i>Journal of Petrology</i> , 2003, 44, 55-91.	2.8	182
30	Sr-Nd-Pb-Hf Isotope Results from ODP Leg 187: Evidence for Mantle Dynamics of the Australian-Antarctic Discordance and Origin of the Indian MORB Source. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, 1-35.	2.5	138
31	Geometry and style of partitioned deformation within a late Cenozoic transpressional zone in the eastern Gobi Altai Mountains, Mongolia. <i>Tectonophysics</i> , 1997, 277, 285-306.	2.2	58