

Peter I Luffi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,518
citations

567281

15
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

2521
citing authors

#	ARTICLE	IF	CITATIONS
1	Constraints on the depths and temperatures of basaltic magma generation on Earth and other terrestrial planets using new thermobarometers for mafic magmas. <i>Earth and Planetary Science Letters</i> , 2009, 279, 20-33.	4.4	587
2	Copper Systematics in Arc Magmas and Implications for Crust-Mantle Differentiation. <i>Science</i> , 2012, 336, 64-68.	12.6	480
3	Building and Destroying Continental Mantle. <i>Annual Review of Earth and Planetary Sciences</i> , 2011, 39, 59-90.	11.0	393
4	The redox state of arc mantle using Zn/Fe systematics. <i>Nature</i> , 2010, 468, 681-685.	27.8	232
5	Near-Ultrahigh Pressure Processing of Continental Crust: Miocene Crustal Xenoliths from the Pamir. <i>Journal of Petrology</i> , 2005, 46, 1661-1687.	2.8	162
6	Upside-down differentiation and generation of a "primordial" lower mantle. <i>Nature</i> , 2010, 463, 930-933.	27.8	149
7	Building the Pamirs: The view from the underside. <i>Geology</i> , 2003, 31, 849.	4.4	123
8	Reconstruction of the Talkeetna intraoceanic arc of Alaska through thermobarometry. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	75
9	Deep Lithospheric Thickening and Refertilization beneath Continental Arcs: Case Study of the P, T and Compositional Evolution of Peridotite Xenoliths from the Sierra Nevada, California. <i>Journal of Petrology</i> , 2012, 53, 477-511.	2.8	53
10	Lithospheric mantle duplex beneath the central Mojave Desert revealed by xenoliths from Dish Hill, California. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	46
11	Active megadetachment beneath the western United States. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	40
12	The thermal structure of continental crust in active orogens: insight from Miocene eclogite and granulite xenoliths of the Pamir Mountains. <i>Journal of Metamorphic Geology</i> , 2012, 30, 413-434.	3.4	39
13	A zircon petrochronologic view on granitoids and continental evolution. <i>Earth and Planetary Science Letters</i> , 2020, 531, 116005.	4.4	38
14	Geochemical evidence for exhumation of eclogite via serpentinite channels in ocean-continent subduction zones. , 2009, 5, 426-438.		35
15	Internal distribution of Li and B in serpentinites from the Feather River Ophiolite, California, based on laser ablation inductively coupled plasma mass spectrometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	29
16	Chemical Mohometry: Assessing Crustal Thickness of Ancient Orogens Using Geochemical and Isotopic Data. <i>Reviews of Geophysics</i> , 2022, 60, .	23.0	16
17	The role of serpentine in preferential craton formation in the late Archean by lithosphere underthrusting. <i>Earth and Planetary Science Letters</i> , 2008, 269, 96-104.	4.4	15
18	Late Cretaceous Construction of the Mantle Lithosphere Beneath the Central California Coast Revealed by Crystal Knob Xenoliths. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3302-3346.	2.5	3

#	ARTICLE	IF	CITATIONS
19	Carpathian&Pannonian Magmatism Database. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009970.	2.5	3