

Emily Hopper

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

378
citations

933447

10
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	The lithosphereâ€asthenosphere boundary and the tectonic and magmatic history of the northwestern United States. <i>Earth and Planetary Science Letters</i> , 2014, 402, 69-81.	4.4	77
2	The meaning of midlithospheric discontinuities: A case study in the northern U.S. craton. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 4057-4083.	2.5	60
3	Reconstructing the end of the Appalachian orogeny. <i>Geology</i> , 2017, 45, 15-18.	4.4	45
4	The Changing Face of the Lithosphereâ€Asthenosphere Boundary: Imaging Continental Scale Patterns in Upper Mantle Structure Across the Contiguous U.S. With Sp Converted Waves. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 2593-2614.	2.5	44
5	The relative roles of inheritance and long-term passive margin lithospheric evolution on the modern structure and tectonic activity in the southeastern United States. , 2018, 14, 1385-1410.		35
6	Preferential localized thinning of lithospheric mantle in the melt-poor Malawi Rift. <i>Nature Geoscience</i> , 2020, 13, 584-589.	12.9	25
7	Crustal Heating and Lithospheric Alteration and Erosion Associated With Asthenospheric Upwelling Beneath Southern New England (USA). <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8995-9008.	3.4	22
8	Inference of thermodynamic state in the asthenosphere from anelastic properties, with applications to North American upper mantle. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 314, 106639.	1.9	20
9	Thermochemical Modification of the Upper Mantle Beneath the Northern Malawi Rift Constrained From Shear Velocity Imaging. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008843.	2.5	19
10	Frequency Dependent Mantle Viscoelasticity via the Complex Viscosity: Cases From Antarctica. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022622.	3.4	16
11	Imaging crustal structure beneath the southern Appalachians with wavefield migration. <i>Geophysical Research Letters</i> , 2016, 43, 12,054.	4.0	13
12	ENHANCED LITHOSPHERIC MANTLE THINNING IN THE MELT-POOR MALAWI RIFT. , 2018, , .		2