

Bernhard S A Schubert

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

430
citations

1163117

8
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Tomographic filtering of high-resolution mantle circulation models: Can seismic heterogeneity be explained by temperature alone?. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	141
2	Thermal versus elastic heterogeneity in high-resolution mantle circulation models with pyrolite composition: High plume excess temperatures in the lowermost mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	111
3	Synthetic seismograms for a synthetic Earth: long-period P- and S-wave traveltime variations can be explained by temperature alone. <i>Geophysical Journal International</i> , 2012, 188, 1393-1412.	2.4	58
4	Stability of the rotation axis in high-resolution mantle circulation models: Weak polar wander despite strong core heating. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	27
5	On retrodictions of global mantle flow with assimilated surface velocities. <i>Geophysical Research Letters</i> , 2015, 42, 8341-8348.	4.0	26
6	MMA-EoS: A Computational Framework for Mineralogical Thermodynamics. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9881-9920.	3.4	24
7	Resolution and Covariance of the LLNL-G3D-JPS Global Seismic Tomography Model: Applications to Travel time Uncertainty and Tomographic Filtering of Geodynamic Models. <i>Geophysical Journal International</i> , 2019, 217, 1543-1557.	2.4	19
8	Where Are the Proto-South China Sea Slabs? SE Asian Plate Tectonics and Mantle Flow History From Global Mantle Convection Modeling. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019758.	3.4	11
9	Traveltime dispersion in an isotropic elastic mantle: strong lower-mantle signal in differential-frequency residuals. <i>Geophysical Journal International</i> , 2015, 203, 2099-2118.	2.4	7
10	Tomographic filtering via the generalized inverse: a way to account for seismic data uncertainty. <i>Geophysical Journal International</i> , 2020, 223, 254-269.	2.4	5
11	Love wave amplitude decay from rotational ground motions. <i>Geophysical Journal International</i> , 2019, 218, 1336-1347.	2.4	1