

# Bernhard S A Schubert

## List of Publications by Year in descending order

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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	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
2	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
3	Love wave amplitude decay from rotational ground motions. <i>Geophysical Journal International</i> , 2019, 218, 1336-1347.	2.4	1
4	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
5	MMA-EoS: A Computational Framework for Mineralogical Thermodynamics. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9881-9920.	3.4	24
6	On retrodictions of global mantle flow with assimilated surface velocities. <i>Geophysical Research Letters</i> , 2015, 42, 8341-8348.	4.0	26
7	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
8	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
9	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
10	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
11	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