

Thorsten Wolfgang Becker

List of Publications by Year in descending order

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150
papers

9,687
citations

30070

54
h-index

40979

93
g-index

162
all docs

162
docs citations

162
times ranked

6242
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of plate interface rheology on subduction kinematics and dynamics. <i>Geophysical Journal International</i> , 2022, 230, 796-812.	2.4	16
2	Thank You to Our 2021 Peer Reviewers. <i>AGU Advances</i> , 2022, 3, .	5.4	0
3	Deformation Memory in the Lithosphere: A Comparison of Damage-Dependent Weakening and Grain-Size Sensitive Rheologies. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020335.	3.4	10
4	Thank You to Our 2020 Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009697.	2.5	0
5	Confronting Racism to Advance Our Science. <i>AGU Advances</i> , 2021, 2, e2020AV000296.	5.4	1
6	Thank You to Our 2020 Peer Reviewers. <i>AGU Advances</i> , 2021, 2, e2021AV000426.	5.4	0
7	Spatial Characteristics of Recycled and Primordial Reservoirs in the Deep Mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009525.	2.5	20
8	Mantle plumes and their role in Earth processes. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 382-401.	29.7	78
9	Multiscale, radially anisotropic shear wave imaging of the mantle underneath the contiguous United States through joint inversion of USArray and global data sets. <i>Geophysical Journal International</i> , 2021, 226, 1730-1746.	2.4	12
10	Mountain building, mantle convection, and supercontinents: revisited. <i>Earth and Planetary Science Letters</i> , 2021, 564, 116905.	4.4	20
11	The Role of Sediment Accretion and Buoyancy on Subduction Dynamics and Geometry. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL096266.	4.0	8
12	Tectonic Inheritance During Plate Boundary Evolution in Southern California Constrained From Seismic Anisotropy. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC010099.	2.5	3
13	Dynamic slab segmentation due to brittle-ductile damage in the outer rise. <i>Nature</i> , 2021, 599, 245-250.	27.8	41
14	Ancient helium and tungsten isotopic signatures preserved in mantle domains least modified by crustal recycling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30993-31001.	7.1	41
15	Topographic expressions of mantle dynamics in the Mediterranean. <i>Earth-Science Reviews</i> , 2020, 209, 103327.	9.1	33
16	Present-Day Crustal Vertical Velocity Field for the Contiguous United States. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020066.	3.4	9
17	Imaging the Tectonic Grain of the Northern Cordillera Orogen Using Transportable Array Receiver Functions. <i>Seismological Research Letters</i> , 2020, 91, 3086-3105.	1.9	12
18	Thank You to Our 2019 Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009007.	2.5	0

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19	Thank You to Our 2019 Reviewers. <i>AGU Advances</i> , 2020, 1, e2020AV000181.	5.4	0
20	New Opportunities to Study Earthquake Precursors. <i>Seismological Research Letters</i> , 2020, 91, 2444-2447.	1.9	27
21	Seismic Anisotropy. <i>Encyclopedia of Earth Sciences Series</i> , 2020, , 1-11.	0.1	0
22	Role of dynamic topography in sustaining the Nile River over 30 million years. <i>Nature Geoscience</i> , 2019, 12, 1012-1017.	12.9	48
23	Thank You to Our 2018 Peer Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4593-4598.	2.5	0
24	Convection in Thin Shells of Icy Satellites: Effects of Latitudinal Surface Temperature Variations. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 2029-2053.	3.6	7
25	Relationships Between Olivine CPO and Deformation Parameters in Naturally Deformed Rocks and Implications for Mantle Seismic Anisotropy. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3469-3494.	2.5	39
26	Role of strain-dependent weakening memory on the style of mantle convection and plate boundary stability. <i>Geophysical Journal International</i> , 2019, 218, 601-618.	2.4	9
27	Upper mantle seismic anisotropy as a constraint for mantle flow and continental dynamics of the North American plate. <i>Earth and Planetary Science Letters</i> , 2019, 514, 143-155.	4.4	21
28	Global Travel Time Data Set From Adaptive Empirical Wavelet Construction. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 2175-2198.	2.5	7
29	Slab flattening and the rise of the Eastern Cordillera, Colombia. <i>Earth and Planetary Science Letters</i> , 2019, 512, 100-110.	4.4	31
30	Present-day uplift of the European Alps: Evaluating mechanisms and models of their relative contributions. <i>Earth-Science Reviews</i> , 2019, 190, 589-604.	9.1	82
31	Evidence for a deep mantle source for EM and HIMU domains from integrated geochemical and geophysical constraints. <i>Earth and Planetary Science Letters</i> , 2018, 484, 154-167.	4.4	40
32	Slab interactions in 3-D subduction settings: The Philippine Sea Plate region. <i>Earth and Planetary Science Letters</i> , 2018, 489, 72-83.	4.4	40
33	A comparison of lithospheric thickness models. <i>Tectonophysics</i> , 2018, 746, 325-338.	2.2	69
34	Dynamics of the Ryukyu/Izu-Bonin-Marianas double subduction system. <i>Tectonophysics</i> , 2018, 746, 229-238.	2.2	54
35	Stress change before and after the 2011 M9 Tohoku-oki earthquake. <i>Earth and Planetary Science Letters</i> , 2018, 504, 174-184.	4.4	22
36	Sediment control on subduction plate speeds. <i>Earth and Planetary Science Letters</i> , 2018, 502, 166-173.	4.4	71

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37	Geochemistry and Distribution of Recycled Domains in the Mantle Inferred From Nd and Pb Isotopes in Oceanic Hot Spots: Implications for Storage in the Large Low Shear Wave Velocity Provinces. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 3496-3519.	2.5	29
38	Mantle Flow and Deforming Continents: From India-Asia Convergence to Pacific Subduction. <i>Tectonics</i> , 2018, 37, 2887-2914.	2.8	72
39	Primordial helium entrained by the hottest mantle plumes. <i>Nature</i> , 2017, 542, 340-343.	27.8	88
40	Initiation of the Andean orogeny by lower mantle subduction. <i>Earth and Planetary Science Letters</i> , 2017, 463, 189-201.	4.4	84
41	Superweak asthenosphere in light of upper mantle seismic anisotropy. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1986-2003.	2.5	32
42	Transient slab flattening beneath Colombia. <i>Geophysical Research Letters</i> , 2017, 44, 6616-6623.	4.0	56
43	Impact of the lithosphere on dynamic topography: Insights from analogue modeling. <i>Geophysical Research Letters</i> , 2017, 44, 2693-2702.	4.0	8
44	Resolving depth-dependent subduction zone viscosity and afterslip from postseismic displacements following the 2011 Tohoku-oki, Japan earthquake. <i>Earth and Planetary Science Letters</i> , 2017, 459, 279-290.	4.4	103
45	The effect of a power-law mantle viscosity on trench retreat rate. <i>Geophysical Journal International</i> , 2017, 208, 491-507.	2.4	27
46	What allows seismic events to grow big?: Insights from b-value and fault roughness analysis in laboratory stick-slip experiments. <i>Geology</i> , 2017, 45, 815-818.	4.4	113
47	Banda Arc Experiment-Transitions in the Banda Arc-Australian Continental Collision. <i>Seismological Research Letters</i> , 2016, 87, 1417-1423.	1.9	14
48	Azimuthal seismic anisotropy in the Earth's upper mantle and the thickness of tectonic plates. <i>Geophysical Journal International</i> , 2016, 207, 901-933.	2.4	77
49	Long-term, deep-mantle support of the Ethiopia-Yemen Plateau. <i>Tectonics</i> , 2016, 35, 469-488.	2.8	49
50	Coseismic deformation due to the 2011 Tohoku-oki earthquake: influence of 3-D elastic structure around Japan. <i>Earth, Planets and Space</i> , 2016, 68, .	2.5	19
51	Isostasy, flexure, and dynamic topography. <i>Tectonophysics</i> , 2016, 683, 255-271.	2.2	48
52	On the influence of the asthenospheric flow on the tectonics and topography at a collision-subduction transition zones: Comparison with the eastern Tibetan margin. <i>Journal of Geodynamics</i> , 2016, 100, 184-197.	1.6	36
53	Universal Quake Statistics: From Compressed Nanocrystals to Earthquakes. <i>Scientific Reports</i> , 2015, 5, 16493.	3.3	104
54	Appreciation of peer reviewers for 2014. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2473-2479.	2.5	0

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55	Toward a generalized plate motion reference frame. <i>Geophysical Research Letters</i> , 2015, 42, 3188-3196.	4.0	63
56	Thermal structure, radial anisotropy, and dynamics of oceanic boundary layers. <i>Geophysical Research Letters</i> , 2015, 42, 9740-9749.	4.0	32
57	Trench migration and overriding plate stress in dynamic subduction models. <i>Geophysical Journal International</i> , 2015, 201, 172-192.	2.4	93
58	Overriding plate thickness control on subducting plate curvature. <i>Geophysical Research Letters</i> , 2015, 42, 3802-3810.	4.0	32
59	Anomalously fast convergence of India and Eurasia caused by double subduction. <i>Nature Geoscience</i> , 2015, 8, 475-478.	12.9	197
60	Western US intermountain seismicity caused by changes in upper mantle flow. <i>Nature</i> , 2015, 524, 458-461.	27.8	41
61	A Comparison of Seismicity Characteristics and Fault Structure Between Stick-Slip Experiments and Nature. <i>Pure and Applied Geophysics</i> , 2015, 172, 2247-2264.	1.9	34
62	Hot upwelling conduit beneath the Atlas Mountains, Morocco. <i>Geophysical Research Letters</i> , 2014, 41, 8037-8044.	4.0	15
63	Reactivated lithospheric-scale discontinuities localize dynamic uplift of the Moroccan Atlas Mountains: REPLY. <i>Geology</i> , 2014, 42, e338-e338.	4.4	0
64	Off-fault damage and acoustic emission distributions during the evolution of structurally complex faults over series of stick-slip events. <i>Geophysical Journal International</i> , 2014, 197, 1705-1718.	2.4	22
65	Static and dynamic support of western United States topography. <i>Earth and Planetary Science Letters</i> , 2014, 402, 234-246.	4.4	61
66	Reactivated lithospheric-scale discontinuities localize dynamic uplift of the Moroccan Atlas Mountains. <i>Geology</i> , 2014, 42, 35-38.	4.4	50
67	Mantle dynamics in the Mediterranean. <i>Reviews of Geophysics</i> , 2014, 52, 283-332.	23.0	394
68	Isostasy, dynamic topography, and the elevation of the Apennines of Italy. <i>Earth and Planetary Science Letters</i> , 2014, 407, 163-174.	4.4	91
69	Seismological observations in Northwestern South America: Evidence for two subduction segments, contrasting crustal thicknesses and upper mantle flow. <i>Tectonophysics</i> , 2014, 637, 57-67.	2.2	39
70	Origin of azimuthal seismic anisotropy in oceanic plates and mantle. <i>Earth and Planetary Science Letters</i> , 2014, 401, 236-250.	4.4	79
71	Seismic event distributions and off-fault damage during frictional sliding of saw-cut surfaces with pre-defined roughness. <i>Geophysical Journal International</i> , 2014, 196, 612-625.	2.4	31
72	Innovative direct nanoparticle dispersion injection into injection molding processing. <i>Journal of Applied Polymer Science</i> , 2014, 131, n/a-n/a.	2.6	2

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73	Dehydration melting at the top of the lower mantle. <i>Science</i> , 2014, 344, 1265-1268.	12.6	263
74	<i>Savani</i> : A variable resolution whole-Earth mantle model of anisotropic shear velocity variations based on multiple data sets. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3006-3034.	3.4	194
75	Seismic anisotropy and slab dynamics from <i>SKS</i> splitting recorded in Colombia. <i>Geophysical Research Letters</i> , 2014, 41, 8775-8783.	4.0	25
76	Constraints on the tectonic evolution of the westernmost Mediterranean and northwestern Africa from shear wave splitting analysis. <i>Earth and Planetary Science Letters</i> , 2013, 375, 234-243.	4.4	51
77	Mantle convection in the Middle East: Reconciling Afar upwelling, Arabia indentation and Aegean trench rollback. <i>Earth and Planetary Science Letters</i> , 2013, 375, 254-269.	4.4	147
78	Mountain building and mantle dynamics. <i>Tectonics</i> , 2013, , n/a-n/a.	2.8	1
79	Mountain building and mantle dynamics. <i>Tectonics</i> , 2013, 32, 80-93.	2.8	91
80	Dynamics of the North American continent. <i>Geophysical Journal International</i> , 2013, 194, 651-669.	2.4	44
81	Acoustic emissions document stress changes over many seismic cycles in stick-slip experiments. <i>Geophysical Research Letters</i> , 2013, 40, 2049-2054.	4.0	198
82	Kinematics of rotating panels of EW faults in the San Andreas system: what can we tell from geodesy?. <i>Geophysical Journal International</i> , 2013, 194, 1295-1301.	2.4	17
83	Structure beneath the Alboran from geodynamic flow models and seismic anisotropy. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4265-4277.	3.4	31
84	Passive margins getting squeezed in the mantle convection vice. <i>Tectonics</i> , 2013, 32, 1559-1570.	2.8	25
85	Subduction to the lower mantle – a comparison between geodynamic and tomographic models. <i>Solid Earth</i> , 2012, 3, 415-432.	2.8	41
86	The role of slabs and oceanic plate geometry in the net rotation of the lithosphere, trench motions, and slab return flow. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	26
87	Mantle flow deflected by interactions between subducted slabs and cratonic keels. <i>Nature Geoscience</i> , 2012, 5, 726-730.	12.9	51
88	Shallow lithospheric contribution to mantle plumes revealed by integrating seismic and geochemical data. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	15
89	On recent seismic tomography for the western United States. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	57
90	On the role of slab pull in the Cenozoic motion of the Pacific plate. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	62

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91	On the relationship between azimuthal anisotropy from shear wave splitting and surface wave tomography. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	104
92	Identifying fault heterogeneity through mapping spatial anomalies in acoustic emission statistics. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	112
93	Co� seismic deformation of deep slabs based on summed CMT data. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	9
94	Bending stress and dissipation in subducted lithosphere. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	46
95	On the role of anisotropic viscosity for plate-scale flow. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	12
96	Vertical coherence in mantle heterogeneity from global seismic data. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	7
97	Radial anisotropy in the European mantle: Tomographic studies explored in terms of mantle flow. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	4.0	9
98	Mantle conveyor beneath the Tethyan collisional belt. <i>Earth and Planetary Science Letters</i> , 2011, 310, 453-461.	4.4	163
99	Seismic Anisotropy. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 1070-1081.	0.1	2
100	Quantifying focal mechanism heterogeneity for fault zones in central and southern California. <i>Geophysical Journal International</i> , 2010, 183, 433-450.	2.4	45
101	Shaping mobile belts by small-scale convection. <i>Nature</i> , 2010, 465, 602-605.	27.8	208
102	Effects of lateral viscosity variations on the geoid. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	68
103	Where is the real transform boundary in California?. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	41
104	Global slab deformation and centroid moment tensor constraints on viscosity. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	39
105	Mantle structure and dynamic topography in the Mediterranean Basin. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	75
106	Mantle dynamics and seismic anisotropy. <i>Earth and Planetary Science Letters</i> , 2010, 297, 341-354.	4.4	356
107	Subduction-triggered magmatic pulses: A new class of plumes?. <i>Earth and Planetary Science Letters</i> , 2010, 299, 54-68.	4.4	211
108	Global scale models of the mantle flow field predicted by synthetic tomography models. <i>Physics of the Earth and Planetary Interiors</i> , 2010, 182, 129-138.	1.9	27

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109	Fine-Scale Modeling of Global Plate Tectonics. <i>Science</i> , 2010, 329, 1020-1021.	12.6	3
110	Reliability of mantle tomography models assessed by spectral element simulation. <i>Geophysical Journal International</i> , 2009, 177, 125-144.	2.4	21
111	Patterns of co-seismic strain computed from southern California focal mechanisms. <i>Geophysical Journal International</i> , 2009, 177, 1015-1036.	2.4	29
112	Past and present seafloor age distributions and the temporal evolution of plate tectonic heat transport. <i>Earth and Planetary Science Letters</i> , 2009, 278, 233-242.	4.4	50
113	Lithospheric stress-states predicted from long-term tectonic models: Influence of rheology and possible application to Taiwan. <i>Journal of Asian Earth Sciences</i> , 2009, 36, 119-134.	2.3	24
114	Generation of plate-like behavior and mantle heterogeneity from a spherical, viscoplastic convection model. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	91
115	Numerical simulations of texture development and associated rheological anisotropy in regions of complex mantle flow. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	42
116	New Software Framework to Share Research Tools. <i>Eos</i> , 2009, 90, 104-104.	0.1	14
117	A Review of the Role of Subduction Dynamics for Regional and Global Plate Motions. <i>Frontiers in Earth Sciences</i> , 2009, , 3-34.	0.1	39
118	Azimuthal seismic anisotropy constrains net rotation of the lithosphere. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	41
119	Recent extension driven by mantle upwelling beneath the Admiralty Mountains (East Antarctica). <i>Tectonics</i> , 2008, 27, .	2.8	54
120	On the statistical significance of correlations between synthetic mantle plumes and tomographic models. <i>Physics of the Earth and Planetary Interiors</i> , 2008, 167, 230-238.	1.9	31
121	From passive continental margin to mountain belt: Insights from analytical and numerical models and application to Taiwan. <i>Physics of the Earth and Planetary Interiors</i> , 2008, 171, 235-251.	1.9	89
122	Radial seismic anisotropy as a constraint for upper mantle rheology. <i>Earth and Planetary Science Letters</i> , 2008, 267, 213-227.	4.4	107
123	Trench migration, net rotation and slab-mantle coupling. <i>Earth and Planetary Science Letters</i> , 2008, 271, 233-240.	4.4	164
124	The mechanics of continental transforms: An alternative approach with applications to the San Andreas system and the tectonics of California. <i>Earth and Planetary Science Letters</i> , 2008, 274, 380-391.	4.4	17
125	Correction to "Azimuthal seismic anisotropy constrains net rotation of the lithosphere". <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	3
126	Time variability in Cenozoic reconstructions of mantle heat flow: Plate tectonic cycles and implications for Earth's thermal evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14266-14271.	7.1	29

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127	Predicting trench and plate motion from the dynamics of a strong slab. <i>Earth and Planetary Science Letters</i> , 2007, 257, 29-36.	4.4	89
128	Stochastic analysis of shear-wave splitting length scales. <i>Earth and Planetary Science Letters</i> , 2007, 259, 526-540.	4.4	17
129	Mantle plumes: Dynamic models and seismic images. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	2.5	92
130	Effects of elasticity on the Rayleigh-Taylor instability: implications for large-scale geodynamics. <i>Geophysical Journal International</i> , 2007, 168, 843-862.	2.4	88
131	Length scales, patterns and origin of azimuthal seismic anisotropy in the upper mantle as mapped by Rayleigh waves. <i>Geophysical Journal International</i> , 2007, 171, 451-462.	2.4	25
132	On the relevance of Born theory in global seismic tomography. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	57
133	Three-dimensional instantaneous mantle flow induced by subduction. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	136
134	Mantle flow under the western United States from shear wave splitting. <i>Earth and Planetary Science Letters</i> , 2006, 247, 235-251.	4.4	79
135	Statistical properties of seismic anisotropy predicted by upper mantle geodynamic models. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	135
136	On the effect of temperature and strain-rate dependent viscosity on global mantle flow, net rotation, and plate-driving forces. <i>Geophysical Journal International</i> , 2006, 167, 943-957.	2.4	136
137	Constraints on fault slip rates of the southern California plate boundary from GPS velocity and stress inversions. <i>Geophysical Journal International</i> , 2005, 160, 634-650.	2.4	127
138	The dynamics of subduction and trench migration for viscosity stratification. <i>Geophysical Journal International</i> , 2005, 160, 761-775.	2.4	115
139	Comparison of azimuthal seismic anisotropy from surface waves and finite strain from global mantle-circulation models. <i>Geophysical Journal International</i> , 2003, 155, 696-714.	2.4	132
140	Triggering of the 1999MW7.1 Hector Mine earthquake by aftershocks of the 1992MW7.3 Landers earthquake. <i>Journal of Geophysical Research</i> , 2002, 107, ESE 6-1-ESE 6-13.	3.3	189
141	A comparison of tomographic and geodynamic mantle models. <i>Geochemistry, Geophysics, Geosystems</i> , 2002, 3, n/a-n/a.	2.5	418
142	Predicting plate velocities with mantle circulation models. <i>Geochemistry, Geophysics, Geosystems</i> , 2001, 2, n/a-n/a.	2.5	120
143	History of subduction and back-arc extension in the Central Mediterranean. <i>Geophysical Journal International</i> , 2001, 145, 809-820.	2.4	565
144	Thermal constraints on the survival of primitive blobs in the lower mantle. <i>Earth and Planetary Science Letters</i> , 1999, 171, 351-365.	4.4	131

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145	The development of slabs in the upper mantle: Insights from numerical and laboratory experiments. <i>Journal of Geophysical Research</i> , 1999, 104, 15207-15226.	3.3	124
146	On the Elastic and Viscous Properties of Media Containing Strongly Interacting In-plane Cracks. <i>Pure and Applied Geophysics</i> , 1998, 151, 1-16.	1.9	32
147	Earthquake recurrence-time variations with and without fault-zone interactions. <i>Geophysical Journal International</i> , 1998, 135, 165-176.	2.4	10
148	The Dynamics of Double Slab Subduction. <i>Geophysical Journal International</i> , 0, , ggw496.	2.4	24
149	A mixed, unified forward/inverse framework for earthquake problems: Fault implementation and coseismic slip estimate. <i>Geophysical Journal International</i> , 0, , .	2.4	1
150	Plumeâ€slab interactions can shut off subduction. <i>Geophysical Research Letters</i> , 0, , .	4.0	2