

Paul E Tapponnier

List of Publications by Year in descending order

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157
papers

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#	ARTICLE	IF	CITATIONS
1	Cenozoic Tectonics of Asia: Effects of a Continental Collision: Features of recent continental tectonics in Asia can be interpreted as results of the India-Eurasia collision. <i>Science</i> , 1975, 189, 419-426.	6.0	3,792
2	Oblique Stepwise Rise and Growth of the Tibet Plateau. <i>Science</i> , 2001, 294, 1671-1677.	6.0	3,037
3	Propagating extrusion tectonics in Asia: New insights from simple experiments with plasticine. <i>Geology</i> , 1982, 10, 611.	2.0	2,326
4	Updated interpretation of magnetic anomalies and seafloor spreading stages in the south China Sea: Implications for the Tertiary tectonics of Southeast Asia. <i>Journal of Geophysical Research</i> , 1993, 98, 6299-6328.	3.3	1,135
5	Active faulting and tectonics in China. <i>Journal of Geophysical Research</i> , 1977, 82, 2905-2930.	3.3	975
6	The Ailao Shan-Red River shear zone (Yunnan, China), Tertiary transform boundary of Indochina. <i>Tectonophysics</i> , 1995, 251, 3-84.	0.9	954
7	Structure and evolution of the Himalaya–Tibet orogenic belt. <i>Nature</i> , 1984, 307, 17-22.	13.7	942
8	The Ailao Shan/Red River metamorphic belt: Tertiary left-lateral shear between Indochina and South China. <i>Nature</i> , 1990, 343, 431-437.	13.7	857
9	Crustal thickening in Gansu-Qinghai, lithospheric mantle subduction, and oblique, strike-slip controlled growth of the Tibet plateau. <i>Geophysical Journal International</i> , 1998, 135, 1-47.	1.0	833
10	Kinematic model of active deformation in central Asia. <i>Geophysical Research Letters</i> , 1993, 20, 895-898.	1.5	813
11	Quaternary extension in southern Tibet: Field observations and tectonic implications. <i>Journal of Geophysical Research</i> , 1986, 91, 13803-13872.	3.3	751
12	Active faulting and cenozoic tectonics of the Tien Shan, Mongolia, and Baykal Regions. <i>Journal of Geophysical Research</i> , 1979, 84, 3425-3459.	3.3	731
13	Slip-line field theory and large-scale continental tectonics. <i>Nature</i> , 1976, 264, 319-324.	13.7	707
14	Formation and evolution of strike-slip faults, rifts, and basins during the India–Asia Collision: An experimental approach. <i>Journal of Geophysical Research</i> , 1988, 93, 15085-15117.	3.3	702
15	On causal links between flood basalts and continental breakup. <i>Earth and Planetary Science Letters</i> , 1999, 166, 177-195.	1.8	659
16	Development of stress-induced microcracks in Westerly Granite. <i>International Journal of Rock Mechanics and Mining Sciences</i> , 1976, 13, 103-112.	0.3	652
17	Active tectonics of Tibet. <i>Journal of Geophysical Research</i> , 1978, 83, 5361-5375.	3.3	632
18	Tectonics of the Qinling Belt: build-up and evolution of eastern Asia. <i>Nature</i> , 1985, 317, 496-500.	13.7	611

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19	Late Cenozoic right-lateral strike-slip faulting in southern Tibet. <i>Journal of Geophysical Research</i> , 1989, 94, 2787-2838.	3.3	481
20	Mesozoic and Cenozoic tectonics of the northern edge of the Tibetan plateau: fission-track constraints. <i>Tectonophysics</i> , 2001, 343, 111-134.	0.9	479
21	Evolution tectonique du système alpin en Méditerranée; poinçonnement et écrasement rigide-plastique. <i>Bulletin - Société Géologique De France</i> , 1977, S7-XIX, 437-460.	0.9	426
22	Tectonics of Western Tibet, between the Tarim and the Indus. <i>Earth and Planetary Science Letters</i> , 1996, 142, 311-330.	1.8	416
23	Active thrusting and folding in the Qilian Shan, and decoupling between upper crust and mantle in northeastern Tibet. <i>Earth and Planetary Science Letters</i> , 1990, 97, 382-403.	1.8	375
24	Northeastward growth of the Tibet plateau deduced from balanced reconstruction of two depositional areas: The Qaidam and Hexi Corridor basins, China. <i>Tectonics</i> , 1998, 17, 823-842.	1.3	366
25	Uniform postglacial slip-rate along the central 600-km of the Kunlun Fault (Tibet), from ²⁶ Al, ¹⁰ Be, and ¹⁴ C dating of riser offsets, and climatic origin of the regional morphology. <i>Geophysical Journal International</i> , 2002, 148, 356-388.	1.0	359
26	Partitioning of crustal slip between linked, active faults in the eastern Qilian Shan, and evidence for a major seismic gap, the 'Tianzhu gap', on the western Haiyuan Fault, Gansu (China). <i>Geophysical Journal International</i> , 1995, 120, 599-645.	1.0	298
27	Mass accumulation rates in Asia during the Cenozoic. <i>Geophysical Journal International</i> , 2002, 137, 280-318.	1.0	286
28	Co-seismic ruptures of the 12 May 2008, Ms 8.0 Wenchuan earthquake, Sichuan: East-west crustal shortening on oblique, parallel thrusts along the eastern edge of Tibet. <i>Earth and Planetary Science Letters</i> , 2009, 286, 355-370.	1.8	286
29	Active faulting and tectonics of Burma and surrounding regions. <i>Journal of Geophysical Research</i> , 1984, 89, 453-472.	3.3	274
30	Mesozoic ophiolites, sutures, and large-scale tectonic movements in Afghanistan. <i>Earth and Planetary Science Letters</i> , 1981, 52, 355-371.	1.8	267
31	Paleontological view of the ages of the Deccan Traps, the Cretaceous/Tertiary boundary, and the India-Asia collision. <i>Geology</i> , 1989, 17, 316.	2.0	258
32	Magnitude of Late Quaternary Left-Lateral Displacements Along the North Edge of Tibet. <i>Science</i> , 1989, 246, 1285-1289.	6.0	253
33	Duration of strike-slip movements in large shear zones: The Red River belt, China. <i>Earth and Planetary Science Letters</i> , 1994, 126, 379-397.	1.8	252
34	4-D evolution of SE Asia's mantle from geological reconstructions and seismic tomography. <i>Earth and Planetary Science Letters</i> , 2004, 221, 103-115.	1.8	248
35	Necking of the lithosphere and the mechanics of slowly accreting plate boundaries. <i>Journal of Geophysical Research</i> , 1978, 83, 3955-3970.	3.3	242
36	Seismic hazard in the Marmara Sea region following the 17 August 1999 Izmit earthquake. <i>Nature</i> , 2000, 404, 269-273.	13.7	238

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37	Teleseismic imaging of subducting lithosphere and Moho offsets beneath western Tibet. <i>Earth and Planetary Science Letters</i> , 2004, 221, 117-130.	1.8	236
38	Holocene left-slip rate determined by cosmogenic surface dating on the Xidatan segment of the Kunlun fault (Qinghai, China). <i>Geology</i> , 1998, 26, 695.	2.0	226
39	Intraplate tectonics in Asia: A precise age for large-scale Miocene movement along the Ailao Shan-Red River shear zone, China. <i>Earth and Planetary Science Letters</i> , 1990, 97, 65-77.	1.8	225
40	The high K2O volcanism of northwestern Tibet: Geochemistry and tectonic implications. <i>Earth and Planetary Science Letters</i> , 1992, 111, 351-367.	1.8	224
41	Relation of the tectonics of eastern China to the India-Eurasia collision: Application of slip-line field theory to large-scale continental tectonics. <i>Geology</i> , 1977, 5, 212.	2.0	216
42	Late Quaternary slip rates on the Acireale-Piedimonte normal faults and tectonic origin of Mt. Etna (Sicily). <i>Earth and Planetary Science Letters</i> , 1997, 147, 125-139.	1.8	215
43	Tertiary diachronic extrusion and deformation of western Indochina: Structural and $^{40}\text{Ar}/^{39}\text{Ar}$ evidence from NW Thailand. <i>Journal of Geophysical Research</i> , 1997, 102, 10013-10037.	3.3	210
44	Tomographic Evidence for Localized Lithospheric Shear Along the Altyn Tagh Fault. , 1998, 282, 74-76.		210
45	High-Resolution Satellite Imagery Mapping of the Surface Rupture and Slip Distribution of the Mw 7.8, 14 November 2001 Kokoxili Earthquake, Kunlun Fault, Northern Tibet, China. <i>Bulletin of the Seismological Society of America</i> , 2005, 95, 1970-1987.	1.1	200
46	Slip-Rate Measurements on the Karakorum Fault May Imply Secular Variations in Fault Motion. <i>Science</i> , 2005, 307, 411-414.	6.0	189
47	Large-scale geometry, offset and kinematic evolution of the Karakorum fault, Tibet. <i>Earth and Planetary Science Letters</i> , 2004, 219, 255-269.	1.8	181
48	Geochronological and geochemical constraints on Mesozoic suturing in east central Tibet. <i>Tectonics</i> , 2003, 22, n/a-n/a.	1.3	179
49	Propagation of rifting along the Arabia-Somalia Plate Boundary: The Gulfs of Aden and Tadjoura. <i>Journal of Geophysical Research</i> , 1997, 102, 2681-2710.	3.3	177
50	Change from Late Tertiary compression to Quaternary extension in southern Tibet during the India-Asia Collision. <i>Tectonics</i> , 1987, 6, 275-304.	1.3	174
51	Characteristic slip for five great earthquakes along the Fuyun fault in China. <i>Nature Geoscience</i> , 2011, 4, 389-392.	5.4	170
52	Seismic evidence for stepwise thickening of the crust across the NE Tibetan plateau. <i>Earth and Planetary Science Letters</i> , 2002, 203, 25-33.	1.8	168
53	An Early Miocene Transition in deformation regime within the Red River Fault Zone, Yunnan, And its significance for Indo-Asian tectonics. <i>Journal of Geophysical Research</i> , 1992, 97, 7159-7182.	3.3	163
54	Uniform slip-rate along the Kunlun Fault: Implications for seismic behaviour and large-scale tectonics. <i>Geophysical Research Letters</i> , 2000, 27, 2353-2356.	1.5	161

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55	Structural segmentation controlled the 2015 Mw 7.8 Gorkha earthquake rupture in Nepal. <i>Geology</i> , 2016, 44, 639-642.	2.0	148
56	A possible dependence of tectonic strength on the age of the crust in Asia. <i>Earth and Planetary Science Letters</i> , 1981, 52, 107-114.	1.8	145
57	Bookshelf faulting and horizontal block rotations between overlapping rifts in southern Afar. <i>Geophysical Research Letters</i> , 1990, 17, 1-4.	1.5	144
58	The Collision between India and Eurasia. <i>Scientific American</i> , 1977, 236, 30-41.	1.0	138
59	Fluid flow triggered migration of events in the 1989 Dobi Earthquake sequence of central Afar. <i>Geophysical Research Letters</i> , 1997, 24, 2335-2338.	1.5	138
60	Growth folding and active thrusting in the Montello region, Veneto, northern Italy. <i>Journal of Geophysical Research</i> , 2000, 105, 739-766.	3.3	136
61	Faulting and earthquake triggering during the 1783 Calabria seismic sequence. <i>Geophysical Journal International</i> , 2001, 147, 499-516.	1.0	129
62	Slip rate on the Kunlun fault at Hongshui Gou, and recurrence time of great events comparable to the 14/11/2001, Mw 7.9 Kokoxili earthquake. <i>Earth and Planetary Science Letters</i> , 2005, 237, 285-299.	1.8	128
63	Relevance of Afar seismicity and volcanism to the mechanics of accreting plate boundaries. <i>Nature</i> , 1979, 282, 17-23.	13.7	127
64	Discussion on the role of the Red River shear zone, Yunnan and Vietnam, in the continental extrusion of SE Asia. <i>Journal of the Geological Society</i> , 2007, 164, 1253-1260.	0.9	123
65	"Offsets of Late Quaternary morphology, rate of slip, and recurrence of large earthquakes on the Chang Ma Fault (Gansu, China)". <i>Journal of Geophysical Research</i> , 1988, 93, 7793-7812.	3.3	122
66	Long-term elasticity in the continental lithosphere; modelling the Aden Ridge propagation and the Anatolian extrusion process. <i>Geophysical Journal International</i> , 2003, 153, 111-132.	1.0	120
67	Seismic evidence for broken oceanic crust in the 2004 Sumatra earthquake epicentral region. <i>Nature Geoscience</i> , 2008, 1, 777-781.	5.4	112
68	Seismic tomography of northern Tibet and Kunlun: Evidence for crustal blocks and mantle velocity contrasts. <i>Earth and Planetary Science Letters</i> , 1996, 139, 263-279.	1.8	110
69	Constraints on the late Quaternary glaciations in Tibet from cosmogenic exposure ages of moraine surfaces. <i>Quaternary Science Reviews</i> , 2011, 30, 528-554.	1.4	109
70	Active thrusting offshore Mount Lebanon: Source of the tsunamigenic A.D. 551 Beirut-Tripoli earthquake. <i>Geology</i> , 2007, 35, 755.	2.0	108
71	Active oblique extension in the central Apennines (Italy): evidence from the Fucino region. <i>Geophysical Journal International</i> , 1999, 139, 499-530.	1.0	106
72	Constraints on the post 25-ka slip rate of the Yammouneh fault (Lebanon) using in situ cosmogenic ³⁶ Cl dating of offset limestone-clast fans. <i>Earth and Planetary Science Letters</i> , 2004, 227, 105-119.	1.8	106

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73	Thermal control on post-orogenic extension in collision belts. <i>Earth and Planetary Science Letters</i> , 1988, 89, 48-62.	1.8	103
74	Spreading direction in the central South China Sea. <i>Nature</i> , 1986, 321, 150-154.	13.7	102
75	Bounds on strain in large Tertiary shear zones of SE Asia from boudinage restoration. <i>Journal of Structural Geology</i> , 1993, 15, 677-692.	1.0	102
76	Kongur Shan normal fault: Type example of mountain building assisted by extension (Karakoram fault,) <i>Tectonics</i> , 2008, 27, .	2.0	101
77	Rate of left-lateral movement along the easternmost segment of the Altyn Tagh fault, east of 96°E (China). <i>Geophysical Journal International</i> , 1996, 124, 29-44.	1.0	100
78	New U-Th/Pb constraints on timing of shearing and long-term slip rate on the Karakorum fault. <i>Tectonics</i> , 2008, 27, .	1.3	98
79	High cooling and denudation rates at Kongur Shan, Eastern Pamir (Xinjiang, China) revealed by ⁴⁰ Ar/ ³⁹ Ar alkali feldspar thermochronology. <i>Tectonics</i> , 1993, 12, 1335-1346.	1.3	97
80	Late Quaternary sinistral slip rate along the Altyn Tagh fault and its structural transformation model. <i>Science in China Series D: Earth Sciences</i> , 2005, 48, 384.	0.9	95
81	Millennial Recurrence of Large Earthquakes on the Haiyuan Fault near Songshan, Gansu Province, China. <i>Bulletin of the Seismological Society of America</i> , 2007, 97, 14-34.	1.1	94
82	Major Strike-slip Fault of Late Hercynian Age in Morocco. <i>Nature</i> , 1972, 237, 160-162.	13.7	90
83	Contemporary, Holocene, and Quaternary deformation of the Asal Rift, Djibouti: Implications for the mechanics of slow spreading ridges. <i>Journal of Geophysical Research</i> , 1991, 96, 21789-21806.	3.3	89
84	Slip Partitioning by Elastoplastic Propagation of Oblique Slip at Depth. <i>Science</i> , 2003, 300, 1121-1123.	6.0	89
85	12,000-Year-Long Record of 10 to 13 Paleearthquakes on the Yammouneh Fault, Levant Fault System, Lebanon. <i>Bulletin of the Seismological Society of America</i> , 2007, 97, 749-771.	1.1	88
86	Tectonic context of moderate to large historical earthquakes in the Lesser Antilles and mechanical coupling with volcanoes. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	87
87	The 2012 Mw 8.6 Wharton Basin sequence: A cascade of great earthquakes generated by near-orthogonal, young, oceanic mantle faults. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 3723-3747.	1.4	85
88	Twenty million years of continuous deformation along the Karakorum fault, western Tibet: A thermochronological analysis. <i>Tectonics</i> , 2007, 26, .	1.3	83
89	The mechanism of partial rupture of a locked megathrust: The role of fault morphology. <i>Geology</i> , 2016, 44, 875-878.	2.0	83
90	Paleomagnetic study of Mesozoic continental sediments along the northern Tien Shan (China) and heterogeneous strain in central Asia. <i>Journal of Geophysical Research</i> , 1991, 96, 4065-4082.	3.3	81

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91	Phase velocity structure from Rayleigh and Love waves in Tibet and its neighboring regions. <i>Journal of Geophysical Research</i> , 1998, 103, 21215-21232.	3.3	77
92	Long-term slip rate of the southern San Andreas Fault from ^{10}Be - ^{26}Al surface exposure dating of an offset alluvial fan. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	77
93	Post 4Ma initiation of normal faulting in southern Tibet. Constraints from the Kung Co half graben. <i>Earth and Planetary Science Letters</i> , 2007, 256, 233-243.	1.8	74
94	Tertiary deformation and metamorphism SE of Tibet: The folded Tiger-leap décollement of NW Yunnan, China. <i>Tectonics</i> , 1996, 15, 605-622.	1.3	71
95	Surface Rupture of the 1857 Southern Italian Earthquake?. <i>Terra Nova</i> , 1998, 10, 206-210.	0.9	71
96	The M5.3 Gapagny (French Alps) earthquake of 1996 July 15: a long-awaited event on the Vuache Fault. <i>Geophysical Journal International</i> , 1998, 135, 876-892.	1.0	69
97	Palaeomagnetism and K-Ar and $^{40}\text{Ar}/^{39}\text{Ar}$ ages in the Ali Sabieh area (Republic of Djibouti and Ethiopia): constraints on the mechanism of Aden ridge propagation into southeastern Afar during the last 10 Myr. <i>Geophysical Journal International</i> , 2004, 158, 327-345.	1.0	69
98	Sources of the large A.D. 1202 and 1759 Near East earthquakes. <i>Geology</i> , 2005, 33, 529.	2.0	69
99	Reevaluation of surface rupture parameters and faulting segmentation of the 2001 Kunlunshan earthquake (Mw7.8), northern Tibetan Plateau, China. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	69
100	Slip-Partitioned Surface Breaks for the Mw 7.8 2001 Kokoxili Earthquake, China. <i>Bulletin of the Seismological Society of America</i> , 2005, 95, 731-738.	1.1	67
101	Seismic anisotropy beneath Tibet: evidence for eastward extrusion of the Tibetan lithosphere?. <i>Earth and Planetary Science Letters</i> , 1996, 140, 83-96.	1.8	66
102	Coseismic slip on shallow décollement megathrusts: implications for seismic and tsunami hazard. <i>Earth-Science Reviews</i> , 2015, 141, 45-55.	4.0	64
103	Geomorphic evidence for an emergent active thrust along the edge of the Po Plain: The Broni-Stradella fault. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	63
104	The Sinai triple junction revisited. <i>Tectonophysics</i> , 1987, 141, 181-190.	0.9	59
105	Active faulting induced by slip partitioning in Montserrat and link with volcanic activity: New insights from the 2009 GWADASEIS marine cruise data. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	58
106	Northern Hemisphere climate control of the Bengali rivers discharge during the past 4Ma. <i>Quaternary Science Reviews</i> , 2010, 29, 2484-2498.	1.4	56
107	Source parameters and tectonic origin of the 1996 June 1 Tianzhu (Mw=5.2) and 1995 July 21 Yongden (Mw=5.6) earthquakes near the Haiyuan fault (Gansu, China). <i>Geophysical Journal International</i> , 2001, 144, 206-220.	1.0	53
108	Surface features associated with transform faults: A comparison between observed examples and an experimental model. <i>Tectonophysics</i> , 1974, 24, 317-329.	0.9	52

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109	Teleseismic Shear wave splitting and lithospheric anisotropy beneath and across the Altyn Tagh Fault. <i>Geophysical Research Letters</i> , 1999, 26, 3225-3228.	1.5	50
110	Spatially constant slip rate along the southern segment of the Karakorum fault since 200ka. <i>Tectonophysics</i> , 2012, 530-531, 152-179.	0.9	49
111	Ductile and brittle deformations in the northern snake range, nevada. <i>Journal of Structural Geology</i> , 1987, 9, 159-180.	1.0	48
112	On the growth of normal faults and the existence of flats and ramps along the El Asnam active fold and thrust system. <i>Tectonics</i> , 1992, 11, 1-11.	1.3	48
113	Unconformity of red sandstones in north Vietnam: field evidence for Indosinian orogeny in northern Indochina?. <i>Terra Nova</i> , 1998, 10, 106-111.	0.9	46
114	Measuring radon flux across active faults: Relevance of excavating and possibility of satellite discharges. <i>Radiation Measurements</i> , 2010, 45, 211-218.	0.7	46
115	Numerical modeling of crustal block-and-fault dynamics, earthquakes and slip rates in the Tibet-Himalayan region. <i>Earth and Planetary Science Letters</i> , 2007, 258, 465-485.	1.8	45
116	The accreting plate boundary ArdoukoËtba Rift (northeast Africa) and the oceanic Rift Valley. <i>Earth and Planetary Science Letters</i> , 1976, 28, 439-453.	1.8	42
117	Relocation of M _a Š2 events of the 1989 DÅbi seismic sequence in Afar: evidence for earthquake migration. <i>Geophysical Journal International</i> , 1999, 138, 447-469.	1.0	42
118	Kinematics of the Sinai triple junction and a two-phase model of Arabia-Africa rifting. <i>Geological Society Special Publication</i> , 1987, 28, 559-573.	0.8	39
119	Seismic activity triggered by stress changes after the 1978 events in the Asal Rift, Djibouti. <i>Geophysical Research Letters</i> , 1996, 23, 2481-2484.	1.5	39
120	Fault propagation and climatic control of sedimentation on the Ghoubbet Rift Floor: insights from the Tadjouraden cruise in the western Gulf of Aden. <i>Geophysical Journal International</i> , 2001, 144, 391-413.	1.0	39
121	Giant, ¼M8 earthquake-triggered ice avalanches in the eastern Kunlun Shan, northern Tibet: Characteristics, nature and dynamics. <i>Bulletin of the Geological Society of America</i> , 2004, 116, 394.	1.6	38
122	Preliminary early cretaceous paleomagnetic results from the Gansu Corridor, China. <i>Earth and Planetary Science Letters</i> , 1995, 129, 217-232.	1.8	37
123	Co-seismic and cumulative offsets of the recent earthquakes along the Karakax left-lateral strike-slip fault in western Tibet. <i>Gondwana Research</i> , 2012, 21, 64-87.	3.0	37
124	What caused the mysterious eighteenth century tsunami that struck the southwest Taiwan coast?. <i>Geophysical Research Letters</i> , 2015, 42, 8498-8506.	1.5	34
125	The discovery of a conjugate system of faults in the Wharton Basin intraplate deformation zone. <i>Science Advances</i> , 2017, 3, e1601689.	4.7	34
126	Early Holocene and Late Pleistocene slip rates of the southern Dead Sea Fault determined from ¹⁰ Be cosmogenic dating of offset alluvial deposits. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	33

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127	Constraints of Sea Beam data on crustal fabrics and seafloor spreading in the South China Sea. <i>Earth and Planetary Science Letters</i> , 1989, 95, 307-320.	1.8	32
128	Quaternary morphotectonic mapping of the Wadi Araba and implications for the tectonic activity of the southern Dead Sea fault. <i>Tectonics</i> , 2012, 31, .	1.3	32
129	The Al Hoceima Mw 6.4 earthquake of 24 February 2004 and its aftershocks sequence. <i>Journal of Geodynamics</i> , 2014, 77, 89-109.	0.7	32
130	A model for the evolution of the axial zone of mid-ocean ridges as suggested by icelandic tectonics. <i>Earth and Planetary Science Letters</i> , 1975, 26, 222-232.	1.8	26
131	Seismic anisotropy in western Tibet. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	26
132	Normal Faulting during the August 1989 Earthquakes in Central Afar: Sequential Triggering and Propagation of Rupture along the Dobi Graben. <i>Bulletin of the Seismological Society of America</i> , 2011, 101, 994-1023.	1.1	23
133	Long-term slip rates and characteristic slip: keys to active fault behaviour and earthquake hazard. <i>Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes =</i> , 2001, 333, 483-494.	0.2	22
134	Confrontation of mantle seismic anisotropy with two extreme models of strain, in central Asia. <i>Geophysical Research Letters</i> , 1998, 25, 1447-1450.	1.5	21
135	Comment on "Onset timing of left-lateral movement along the Ailao Shan-Red river shear zone: 40Ar/39Ar dating constraint from the Nam Dinh area, northeastern Vietnam" by Wang et al., 2000. <i>Journal of Asian Earth Sciences</i> 18, 281-292. <i>Journal of Asian Earth Sciences</i> , 2001, 20, 95-99.	1.0	19
136	Applications of morphochronology to the active tectonics of Tibet. , 2006, , .		19
137	Two hundred thirty years of relative sea level changes due to climate and megathrust tectonics recorded in coral microatolls of Martinique (French West Indies). <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2873-2903.	1.4	18
138	Reply to Comment on "Large-scale geometry, offset and kinematic evolution of the Karakorum fault, Tibet". <i>Earth and Planetary Science Letters</i> , 2004, 229, 159-163.	1.8	17
139	Triple junction kinematics accounts for the 2016 Mw 7.8 Kaikoura earthquake rupture complexity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26367-26375.	3.3	17
140	Initial movement of the Karakorum Fault in western Tibet: constraints from SHRIMP U-Pb dating of zircons. <i>Science Bulletin</i> , 2007, 52, 1089-1100.	1.7	14
141	Evidence of pervasive trans-tensional deformation in the northwestern Wharton Basin in the 2012 earthquakes rupture area. <i>Earth and Planetary Science Letters</i> , 2018, 502, 174-186.	1.8	14
142	Rupture behavior and deformation localization of the Kunlunshan earthquake (Mw 7.8) and their tectonic implications. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1361-1374.	0.9	13
143	Joint InSAR and Field Constraints on Faulting During the Mw 6.4, July 23, 2020, Nima/Rongma Earthquake in Central Tibet. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022212.	1.4	11
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