

Huchon Philippe

List of Publications by Year in descending order

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56
papers

3,209
citations

201385

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57
docs citations

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times ranked

2212
citing authors

#	ARTICLE	IF	CITATIONS
1	The Red Sea and Gulf of Aden Basins. <i>Journal of African Earth Sciences</i> , 2005, 43, 334-378.	0.9	756
2	The tectonic development of the hellenic arc and the sea of crete: A synthesis. <i>Tectonophysics</i> , 1982, 86, 159-196.	0.9	350
3	Tectonic setting of Western Pacific marginal basins. <i>Tectonophysics</i> , 1989, 160, 23-47.	0.9	196
4	Neogene strike-slip faulting in Sakhalin and the Japan Sea opening. <i>Journal of Geophysical Research</i> , 1994, 99, 2701-2725.	3.3	114
5	Arabia-Somalia plate kinematics, evolution of the Aden-Owen-Carlsberg triple junction, and opening of the Gulf of Aden. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	101
6	Geoid, Pangea and convection. <i>Earth and Planetary Science Letters</i> , 1984, 67, 123-135.	1.8	99
7	From rifting to spreading in the eastern Gulf of Aden: a geophysical survey of a young oceanic basin from margin to margin. <i>Terra Nova</i> , 2004, 16, 185-192.	0.9	96
8	Arc deformation and marginal basin opening: Japan Sea as a case study. <i>Journal of Geophysical Research</i> , 1991, 96, 4367-4384.	3.3	94
9	Confirmation of Arabia plate slow motion by new GPS data in Yemen. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	81
10	Contrasted styles of rifting in the eastern Gulf of Aden: A combined wide-angle, multichannel seismic, and heat flow survey. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	75
11	Tectonics of the hellenic trench: A synthesis of sea-beam and submersible observations. <i>Tectonophysics</i> , 1982, 86, 69-112.	0.9	72
12	Rotation of the syn-rift stress field of the northern Gulf of Aden margin, Yemen. <i>Tectonophysics</i> , 2003, 364, 147-166.	0.9	70
13	Collision of the izu block with central Japan during the quaternary and geological evolution of the Ashigara area. <i>Tectonophysics</i> , 1984, 110, 201-210.	0.9	60
14	Lithospheric structure of a nascent spreading ridge inferred from gravity data: The western Gulf of Aden. <i>Journal of Geophysical Research</i> , 2001, 106, 26345-26363.	3.3	60
15	Oblique and near collision subduction, Sagami and Suruga Troughs - preliminary results of the French-Japanese 1984 Kaiko cruise, Leg 2. <i>Earth and Planetary Science Letters</i> , 1987, 83, 229-242.	1.8	57
16	Persistent thermal activity at the Eastern Gulf of Aden after continental break-up. <i>Nature Geoscience</i> , 2008, 1, 854-858.	5.4	57
17	In situ evidence for dextral active motion at the Arabia-India plate boundary. <i>Nature Geoscience</i> , 2008, 1, 54-58.	5.4	53
18	Owen Fracture Zone: The Arabia-India plate boundary unveiled. <i>Earth and Planetary Science Letters</i> , 2011, 302, 247-252.	1.8	53

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19	Post-rift volcanism and high heat flow at the ocean-continent transition of the eastern Gulf of Aden. <i>Terra Nova</i> , 2009, 21, 285-292.	0.9	47
20	Cenozoic intracontinental dextral motion in the Okhotsk-Japan Sea Region. <i>Tectonics</i> , 1992, 11, 968-977.	1.3	46
21	Crustal-scale strike-slip deformation in Hokkaido, northern Japan. <i>Journal of Structural Geology</i> , 1989, 11, 509-522.	1.0	43
22	Twenty-five years of geodetic measurements along the Tadjoura-Asal rift system, Djibouti, East Africa. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	43
23	Collision and stress trajectories in Taiwan: a finite element model. <i>Tectonophysics</i> , 1986, 125, 179-191.	0.9	36
24	Deep-sea submersible survey in the Suruga, Sagami and Japan Trenches: preliminary results of the 1985 Kaiko cruise, Leg 2. <i>Earth and Planetary Science Letters</i> , 1987, 83, 300-314.	1.8	36
25	Comment on "Kinematics of the Philippine Sea Plate" by B. Ranken, R. K. Cardwell, and D. E. Karig. <i>Tectonics</i> , 1986, 5, 165-168.	1.3	32
26	Tectonic record of convergence changes in a collision area: the Boso and Miura peninsulas, Central Japan. <i>Earth and Planetary Science Letters</i> , 1987, 81, 397-408.	1.8	31
27	Active spreading and hydrothermalism in North Fiji Basin (SW Pacific). Results of Japanese French Cruise Kaiyo 87. <i>Marine Geophysical Researches</i> , 1990, 12, 269-283.	0.5	30
28	Trench triple junction off Central Japan - preliminary results of French-Japanese 1984 Kaiko cruise, Leg 2. <i>Earth and Planetary Science Letters</i> , 1987, 83, 243-256.	1.8	27
29	Segmentation and along-strike asymmetry of the passive margin in Socotra, eastern Gulf of Aden: Are they controlled by detachment faults?. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	1.0	27
30	Central Japan Triple Junction revisited. <i>Tectonics</i> , 1987, 6, 35-45.	1.3	24
31	Do ridge-ridge-fault triple junctions exist on Earth? Evidence from the Aden-Owen-Carlsberg junction in the NW Indian Ocean. <i>Basin Research</i> , 2008, 20, 575-590.	1.3	24
32	Kinematics of active spreading in the central North Fiji Basin (Southwest Pacific). <i>Marine Geology</i> , 1994, 116, 69-87.	0.9	23
33	Subduction-induced fragmentation of the Nazca Plate off Peru: Mendana Fracture Zone and Trujillo Trough revisited. <i>Journal of Geophysical Research</i> , 1990, 95, 8419-8436.	3.3	22
34	Mass wasting processes along the Owen Ridge (Northwest Indian Ocean). <i>Marine Geology</i> , 2012, 326-328, 80-100.	0.9	22
35	The Owen Ridge uplift in the Arabian Sea: Implications for the sedimentary record of Indian monsoon in Late Miocene. <i>Earth and Planetary Science Letters</i> , 2014, 394, 1-12.	1.8	22
36	Propagating rift and overlapping spreading center in the North Fiji Basin. <i>Marine Geology</i> , 1994, 116, 37-56.	0.9	20

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37	Young rift kinematics in the Tadjoura rift, western Gulf of Aden, Republic of Djibouti. <i>Tectonics</i> , 2011, 30, .	1.3	20
38	Neotectonics of the Owen Fracture Zone (NW Indian Ocean): Structural evolution of an oceanic strike-slip plate boundary. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, n/a-n/a.	1.0	20
39	Propagating rifts in the North Fiji Basin (southwest Pacific). <i>Geology</i> , 1993, 21, 583.	2.0	18
40	5 years of GPS observations of the Afar triple junction area. <i>Journal of Geodynamics</i> , 1999, 28, 225-236.	0.7	17
41	In situ geological and geochemical study of an active hydrothermal site on the North Fiji Basin ridge. <i>Marine Geology</i> , 1991, 98, 259-269.	0.9	16
42	Propagating rift west of the Fiji Archipelago (North Fiji Basin, SW Pacific). <i>Journal of Geophysical Research</i> , 1995, 100, 17823-17835.	3.3	15
43	Mode of opening of an oceanic pull-apart: The 20°N Basin along the Owen Fracture Zone (NW Indian) <i>Tectonics</i> , 2011, 30, 1144-1154.	1.3	14
44	Tectonics of the Dalrymple Trough and uplift of the Murray Ridge (NW Indian Ocean). <i>Tectonophysics</i> , 2014, 636, 1-17.	0.9	14
45	The deformation of aegae: A finite element study. <i>Tectonophysics</i> , 1982, 86, 197-211.	0.9	11
46	Tracking the paleogene India-Arabia plate boundary. <i>Marine and Petroleum Geology</i> , 2016, 72, 336-358.	1.5	11
47	Trigonometric riging: A New Method for Removing the Diurnal Variation From Geomagnetic Data. <i>Journal of Geophysical Research</i> , 1990, 95, 21383-21397.	3.3	9
48	Paleostress analysis of the volcanic margins of Yemen. <i>Arabian Journal of Geosciences</i> , 2010, 3, 529-538.	0.6	9
49	Successive shifts of the India-Africa transform plate boundary during the Late Cretaceous-Paleogene interval: Implications for ophiolite emplacement along transforms. <i>Journal of Asian Earth Sciences</i> , 2020, 191, 104225.	1.0	9
50	Pervasive dextral strike-slip faulting within the backstop of the eastern Nankai wedge confirmed by deep-towed seismic data (KAIKO-TOKAI'96 cruise). <i>Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 1998, 326, 869-875.	0.2	7
51	The Red Sea and Gulf of Aden basins. , 2012, , 62-139.		6
52	The Geological Evolution of the Aden-Owen-Carlsberg Triple Junction (NW Indian Ocean) Since the Late Miocene. <i>Tectonics</i> , 2018, 37, 1552-1575.	1.3	5
53	Shallow detachment at the toe of the Eastern Nankai accretionary wedge revisited, new insights from a deep-tow SAR/PASISAR survey (KAIKOTOKAI 1996 cruise). <i>Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes</i> , 1998, 326, 877-884.	0.2	2
54	Structural Reorganization of the India-Arabia Strike-Slip Plate Boundary (Owen Fracture Zone; NW) <i>Tectonics</i> , 2011, 30, 1144-1154.		2

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55	Reply [to & Comments on "Central Japan Triple Junctions revisited" by Xavier le Pichon and Philippe Huchon]. Tectonics, 1987, 6, 213-214.	1.3	1
56	Ocean-continent transition. Comptes Rendus - Geoscience, 2009, 341, 357-362.	0.4	1