Tetsuzo Seno

List of Publications by Year
in descending order

57 papers	3,324 citations	201385 27 h-index	168136 53 g-index
57 all docs	57 docs citations	57 times ranked	1976 citing authors

#	Article	IF	Citations
1	Triple Seismic Zone Revisited. Zisin (Journal of the Seismological Society of Japan 2nd Ser), 2020, 73, 1-25.	0.0	0
2	Subducted sediment thickness and M_w 9 earthquakes. Journal of Geophysical Research: Solid Earth, 2017, 122, 470-491.	1.4	32
3	Stress drop as a criterion to differentiate subduction zones where Mw9 earthquakes can occur. Tectonophysics, 2014, 621, 198-210.	0.9	23
4	Formation of plate boundaries: The role of mantle volatilization. Earth-Science Reviews, 2014, 129, 85-99.	4.0	13
5	Timing of collision of the Kohistanâ€“Ladakh Arc with India and Asia: Debate. Island Arc, 2011, 20, 308-328.	0.5	86
6	When and why the continental crust is subducted: Examples of Hindu Kush and Burma. Gondwana Research, 2011, 19, 327-333.	3.0	21
7	Reappraisal of the Arc-Arc Collision in Taiwan. Terrestrial, Atmospheric and Oceanic Sciences, 2009, 20, 573.	0.3	3
8	Determination of the pore fluid pressure ratio at seismogenic megathrusts in subduction zones: Implications for strength of asperities and Andeanâ€type mountain building. Journal of Geophysical Research, 2009, 114, .	3.3	84
9	Conditions for a crustal block to be sheared off from the subducted continental lithosphere: What is an essential factor to cause features associated with collision?. Journal of Geophysical Research, 2008, 113, .	3.3	23
10	Imaging of Vp, Vs, and Poissonâ€™s ratio anomalies beneath Kyushu, southwest Japan: Implications for volcanism and forearc mantle wedge serpentinization. Journal of Asian Earth Sciences, 2008, 31, 404-428.	1.0	19
11	Earthquakes Occurring below the Tokyo Capital Region and Earthquake Disasters from Viewpoint of the Damage Estimation Researches. Journal of Geography (Chigaku Zasshi), 2007, 116, 313-324.	0.1	1
12	Preface for the Special Issue on â€œGeosciences and Impacts of Future Earthquakes Occurring below the Tokyo Capital Region, and Countermeasuresâ€• Journal of Geography (Chigaku Zasshi), 2007, 116, 309-312.	0.1	0
13	Verifying the Danger of Earthquakes Occurring Directly beneath the Metropolitan Area: Are Earthquakes Prone to Occur?. Journal of Geography (Chigaku Zasshi), 2007, 116, 370-379.	0.1	3
14	Geographical Distribution of 3He/4He Ratios in the Chugoku District, Southwestern Japan. Pure and Applied Geophysics, 2006, 163, 745-757.	0.8	47
15	On the Pakistan Earthquake on October 8, 2005. Journal of Geography (Chigaku Zasshi), 2005, 114, 820-823.	0.1	0
16	Plate Motions in the World. Journal of Geography (Chigaku Zasshi), 2005, 114, 350-366.	0.1	2
17	Izu detachment hypothesis: A proposal of a unified cause for the Miyake-Kozu event and the Tokai slow event. Earth, Planets and Space, 2005, 57, 925-934.	0.9	15
18	Diffusion of crustal deformation from disturbances arising at plate boundariesâ€”a case of the detachment beneath the Izu Peninsula, central Honshu, Japanâ€”. Earth, Planets and Space, 2005, 57, 935-941.	0.9	11

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19	The September 5, 2004 off the Kii Peninsula earthquakes as a composition of bending and collision. Earth, Planets and Space, 2005, 57, 327-332.	0.9	13
20	Variation of downdip limit of the seismogenic zone near the Japanese islands: implications for the serpentinization mechanism of the forearc mantle wedge. Earth and Planetary Science Letters, 2005, 231, 249-262.	1.8	66
21	High strain rate zone in central Honshu resulting from the viscosity heterogeneities in the crust and mantle. Earth and Planetary Science Letters, 2005, 232, 13-27.	1.8	37
22	Intermediate-term precursors of great subduction zone earthquakes: An application for predicting the Tokai earthquake. Earth, Planets and Space, 2004, 56, 621-633.	0.9	5
23	Where and why do large shallow intraslab earthquakes occur?. Physics of the Earth and Planetary Interiors, 2004, 141, 183-206.	0.7	27
24	Double seismic zone and dehydration embrittlement of the subducting slab. Journal of Geophysical Research, 2003, 108, .	3.3	251
25	Fractal asperities, invasion of barriers, and interplate earthquakes. Earth, Planets and Space, 2003, 55, 649-665.	0.9	42
26	Hypocenter depths of large interplate earthquakes and their relation to seismic coupling. Earth and Planetary Science Letters, 2003, 210, 53-63.	1.8	16
27	Sediment effect on tsunami generation of the 1896 Sanriku Tsunami Earthquake. Geophysical Research Letters, 2001, 28, 3389-3392.	1.5	139
28	Dehydration of serpentinized slab mantle: Seismic evidence from southwest Japan. Earth, Planets and Space, 2001, 53, 861-871.	0.9	118
29	Syntheses of the regional stress fields of the Japanese islands. Island Arc, 1999, 8, 66-79.	0.5	83
30	Tectonic stress controls on ascent and emplacement of magmas. Journal of Volcanology and Geothermal Research, 1999, 91, 65-78.	0.8	96
31	Arc stresses determined by slabs: Implications for mechanisms of back-arc spreading. Geophysical Research Letters, 1998, 25, 3227-3230.	1.5	26
32	Dynamic topography compared with residual depth anomalies in oceans and implications for age-depth curves. Geophysical Research Letters, 1994, 21, 717-720.	1.5	40
33	Recent East African earthquakes in the lower crust. Earth and Planetary Science Letters, 1994, 121, 125-136.	1.8	28
34	Compensation Mechanism of the Yamato Basin, Japan Sea.. Journal of Physics of the Earth, 1994, 42, 187-195.	1.4	6
35	Effects of relative plate motion on the deep structure and penetration depth of slabs below the Izu-Bonin and Mariana island arcs. Earth and Planetary Science Letters, 1993, 120, 395-407.	1.8	233
36	Hypothetical "West Kanagawa Earthquake". Relative Plate Motions in the Kanto-Tokai District.. Journal of Geography (Chigaku Zasshi), 1993, 102, 374-380.	0.1	3

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37	The depth of the October 1981 off Chile outer-rise earthquake (Ms = 7.2) estimated by a comparison of several waveform inversion methods. Bulletin of the Seismological Society of America, 1990, 80, 69-87.	1.1	9
38	An unusual zone of seismic coupling in the Bonin arc: The 1972 Hachijo-Oki earthquakes and related seismicity. Pure and Applied Geophysics, 1989, 129, 233-261.	0.8	6
39	Tectonic evolution of the triple junction off central Honshu for the past 1 million years. Tectonophysics, 1989, 160, 91-116.	0.9	37
40	Structure and development of the Sagami trough and the Boso triple junction. Tectonophysics, 1989, 160, 135-150.	0.9	46
41	Seismic moment tensors and source depths determined by the simultaneous inversion of body and surface waves. Physics of the Earth and Planetary Interiors, 1989, 57, 311-329.	0.7	12
42	Seismotectonics of western New Guinea.. Journal of Physics of the Earth, 1988, 36, 107-124.	1.4	15
43	Faulting caused by earthquakes beneath the outer slope of the Japan trench.. Journal of Physics of the Earth, 1987, 35, 381-407.	1.4	28
44	Oblique and near collision subduction, Sagami and Suruga Troughs â€"preliminary results of the French-Japanese 1984 Kaiko cruise, Leg 2. Earth and Planetary Science Letters, 1987, 83, 229-242.	1.8	57
45	Trench triple junction off Central Japanâ€"preliminary results of French-Japanese 1984 Kaiko cruise, Leg 2. Earth and Planetary Science Letters, 1987, 83, 243-256.	1.8	27
46	Tectonics of the Philippine Sea.. Journal of Geography (Chigaku Zasshi), 1985, 94, 141-155.	0.1	3
47	Is northern Honshu a microplate?. Tectonophysics, 1985, 115, 177-196.	0.9	60
48	Paleogeographic reconstruction and origin of the Philippine Sea. Tectonophysics, 1984, 102, 53-84.	0.9	485
49	Triple seismic zone and the regional variation of seismicity along the Northern Honshu Arc. Journal of Geophysical Research, 1983, 88, 4215-4230.	3.3	117
50	A reexamination of earthquakes previously thought to have occurred within the slab between the trench axis and double seismic zone, northern Honshu arc.. Journal of Physics of the Earth, 1983, 31, 195-216.	1.4	18
51	A triple-planed structure of seismicity and earthquake mechanisms at the subduction zone off Miyagi Prefecture, northern Honshu, Japan. Earth and Planetary Science Letters, 1981, 55, 25-36.	1.8	30
52	Rupture process of the Miyagi-Oki, Japan, earthquake of June 12, 1978. Physics of the Earth and Planetary Interiors, 1980, 23, 39-61.	0.7	98
53	Paleogeographic reconstruction of the Philippine Sea at 5 m.y. B.P.. Earth and Planetary Science Letters, 1980, 51, 406-414.	1.8	36
54	Pattern of intraplate seismicity in southwest Japan before and after great interplate earthquakes. Tectonophysics, 1979, 57, 267-283.	0.9	57

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55	Intraplate seismicity in Tohoku and Hokkaido and large interplate earthquakes: A possibility of a large interplate earthquake off the southern Sanriku coast, northern Japan.. Journal of Physics of the Earth, 1979, 27, 21-51.	1.4	56
56	The instantaneous rotation vector of the Philippine sea plate relative to the Eurasian plate. Tectonophysics, 1977, 42, 209-226.	0.9	444
57	Double Seismic Zones, Compressional Deep Trench-Outer Rise Events, and Superplumes. Geophysical Monograph Series, 0, , 347-355.	0.1	71