Emile A Okal

List of Publications by Year
in descending order

175	7,558	53660	64668
papers	citations	45 h-index	79 g-index

186	186	186	3954
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metastable mantle phase transformations and deep earthquakes in subducting oceanic lithosphere. Reviews of Geophysics, 1996, 34, 261-306.	9.0	505
2	Speed and size of the Sumatra earthquake. Nature, 2005, 434, 581-582.	13.7	466
3	The slump origin of the 1998 Papua New Guinea Tsunami. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2002, 458, 763-789.	1.0	305
4	Earth's Free Oscillations Excited by the 26 December 2004 Sumatra-Andaman Earthquake. Science, 2005, 308, 1139-1144.	6.0	231
5	Seismicity and tectonics of the Ninetyeast Ridge Area: Evidence for internal deformation of the Indian Plate. Journal of Geophysical Research, 1978, 83, 2233-2245.	3.3	217
6	Seismic parameters controlling far-field tsunami amplitudes: A review. Natural Hazards, 1988, 1, 67-96.	1.6	217
7	Teleseismic estimates of radiated seismic energy: TheE/M0discriminant for tsunami earthquakes. Journal of Geophysical Research, 1998, 103, 26885-26898.	3.3	206
8	Source discriminants for near-field tsunamis. Geophysical Journal International, 2004, 158, 899-912.	1.0	188
9	Far-field tsunami hazard from mega-thrust earthquakes in the Indian Ocean. Geophysical Journal International, 2008, 172, 995-1015.	1.0	157
10	M_m: A variableâ€period mantle magnitude. Journal of Geophysical Research, 1989, 94, 4169-4193.	3.3	115
11	GPS for real-time earthquake source determination and tsunami warning systems. Journal of Geodesy, 2009, 83, 335-343.	1.6	115
12	The 1956 earthquake and tsunami in Amorgos, Greece. Geophysical Journal International, 2009, 178, 1533-1554.	1.0	112
13	On the variation of b-values with earthquake size. Physics of the Earth and Planetary Interiors, 1994, 87, 55-76.	0.7	111
14	A seismological reassessment of the source of the 1946 Aleutian â€˜tsunamiâ€™ earthquake. Geophysical Journal International, 2006, 165, 835-849.	1.0	102
15	Rayleighâ€“wave tomography of the Ontongâ€“Java Plateau. Physics of the Earth and Planetary Interiors, 2000, 118, 29-51.	0.7	96
16	Intraplate seismicity of the Pacific Basin, 1913?1988. Pure and Applied Geophysics, 1991, 135, 261-359.	0.8	89
17	Source parameter inversion for recent great earthquakes from a decadeâ€long observation of global gravity fields. Journal of Geophysical Research: Solid Earth, 2013, 118, 1240-1267.	1.4	87
18	A Theoretical Comparison of Tsunamis from Dislocations and Landslides. Pure and Applied Geophysics, 2003, 160, 2177-2188.	0.8	86

#	Article	IF	Citations
19	Use of the mantle magnitudeM m for the reassessment of the moment of historical earthquakes. Pure and Applied Geophysics, 1992, 139, 17-57.	0.8	85
20	Oman Field Survey after the December 2004 Indian Ocean Tsunami. Earthquake Spectra, 2006, 22, 203-218.	1.6	85
21	A model for the plate tectonic evolution of the east-central Pacific based on SEASAT investigations. Earth and Planetary Science Letters, 1985, 72, 99-116.	1.8	82
22	Theoretical models for Mars and their seismic properties. Icarus, 1978, 33, 514-528.	1.1	75
23	The effect of intrinsic oceanic upper-mantle heterogeneity on regionalization of long-period Rayleigh-wave phase velocities. Geophysical Journal International, 1977, 49, 357-370.	1.0	74
24	Near-field modeling of the July 17, 1998 tsunami in Papua New Guinea. Geophysical Research Letters, 2000, 27, 3037-3040.	1.5	74
25	A study of lateral inhomogeneities in the upper mantle by multiple Scs travelâ€time residuals. Geophysical Research Letters, 1975, 2, 313-316.	1.5	73
26	Slow earthquakes along oceanic fracture zones: evidence for asthenospheric flow away from hotspots?. Earth and Planetary Science Letters, 1982, 57, 75-87.	1.8	73
27	Seismic detection of underwater volcanism: The example of French Polynesia. Pure and Applied Geophysics, 1987, 125, 919-950.	0.8	64
28	Insights on the 2009 South Pacific tsunami in Samoa and Tonga from field surveys and numerical simulations. Earth-Science Reviews, 2011, 107, 66-75.	4.0	64
29	A global survey of stress orientations in subducting slabs as revealed by intermediate-depth earthquakes. Geophysical Journal International, 2004, 159, 721-733.	1.0	62
30	Antarctic ice-shelf calving triggered by the Honshu (Japan) earthquake and tsunami, March 2011. Journal of Glaciology, 2011, 57, 785-788.	1.1	61
31	Seismic properties of the Eltanin Transform System, South Pacific. Physics of the Earth and Planetary Interiors, 2000, 119, 185-208.	0.7	60
32	The deficientTwaves of tsunami earthquakes. Geophysical Journal International, 2003, 152, 416-432.	1.0	60
33	Deep earthquakes beneath the Fiji Basin, SW Pacific: Earth's most intense deep seismicity in stagnant slabs. Physics of the Earth and Planetary Interiors, 1998, 109, 25-63.	0.7	58
34	Seismic observations of glaciogenic ocean waves (micro-tsunamis) on icebergs and ice shelves. Journal of Glaciology, 2009, 55, 193-206.	1.1	58
35	Tsunami Simulations for Regional Sources in the South China and Adjoining Seas. Pure and Applied Geophysics, 2011, 168, 1153-1173.	0.8	58
36	Twoâ€station measurements of Rayleigh wave group velocity along the Hawai'ian Swell. Geophysical Research Letters, 1991, 18, 105-108.	1.5	57

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37	Mode-wave equivalence and other asymptotic problems in tsunami theory. Physics of the Earth and Planetary Interiors, 1982, 30, 1-11.	0.7	55
38	The tsunami of 2007 September 12, Bengkulu province, Sumatra, Indonesia: post-tsunami field survey and numerical modelling. Geophysical Journal International, 2009, 178, 180-194.	1.0	54
39	Rayleigh-Wave Dispersion Along the Hawaiian Swell: A Test of Lithospheric Thinning By Thermal Rejuvenation At A Hotspot. Geophysical Journal International, 1996, 125, 325-339.	1.0	52
40	Tsunami earthquakes: the quest for a regional signal. Physics of the Earth and Planetary Interiors, 2001, 124, 45-70.	0.7	51
41	Madagascar Field Survey after the December 2004 Indian Ocean Tsunami. Earthquake Spectra, 2006, 22, 263-283.	1.6	50
42	T Waves from the 1998 Papua New Guinea Earthquake and its Aftershocks: Timing the Tsunamigenic Slump. Pure and Applied Geophysics, 2003, 160, 1843-1863.	0.8	48
43	The Structure of the Nazca Ridge and Sala Y Gomez Seamount Chain From the Dispersion of Rayleigh Waves. Geophysical Journal International, 1994, 117, 205-222.	1.0	47
44	Normal Mode Energetics for Far-field Tsunamis Generated by Dislocations and Landslides. Pure and Applied Geophysics, 2003, 160, 2189-2221.	0.8	47
45	The generation of T waves by earthquakes. Advances in Geophysics, 2008, , 1-65.	1.1	47
46	On the observability of isotropic seismic sources: The July 31, 1970 Colombian earthquake. Physics of the Earth and Planetary Interiors, 1979, 18, 176-196.	0.7	46
47	Tsunami detection by satellite altimetry. Journal of Geophysical Research, 1999, 104, 599-615.	3.3	46
48	Detection of PKJKP at intermediate periods by progressive multi-channel correlation. Earth and Planetary Science Letters, 1998, 164, 23-30.	1.8	45
49	On the planetary theory of sunspots. Nature, 1975, 253, 511-513.	13.7	44
50	Frequency-moment distribution of deep earthquakes; implications for the seismogenic zone at the bottom of slabs. Physics of the Earth and Planetary Interiors, 1995, 92, 169-187.	0.7	44
51	Long-range detection of hydroacoustic signals from large icebergs in the Ross Sea, Antarctica. Earth and Planetary Science Letters, 2002, 203, 519-534.	1.8	44
52	The mechanism of great Banda Sea earthquake of 1 February 1938: applying the method of preliminary determination of focal mechanism to a historical event. Earth and Planetary Science Letters, 2003, 216, 1-15.	1.8	44
53	Hydroacoustic signals generated by parked and drifting icebergs in the Southern Indian and Pacific Oceans. Geophysical Journal International, 2006, 165, 817-834.	1.0	44
54	The 9 June 94 Bolivian Deep Earthquake: An exceptional event in an extraordinary subduction zone. Geophysical Research Letters, 1995, 22, 2233-2236.	1.5	43

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55	T-wave duration, magnitudes and seismic moment of an earthquake - Application to tsunami warning.. Journal of Physics of the Earth, 1986, 34, 19-42.	1.4	42
56	A theoretical discussion of time domain magnitudes: The Prague formula for M_s and the mantle magnitude M_m. Journal of Geophysical Research, 1989, 94, 4194-4204.	3.3	40
57	The 1942 Southwest Indian Ocean Ridge Earthquake: Largest ever recorded on an oceanic transform. Geophysical Research Letters, 1987, 14, 147-150.	1.5	39
58	The â€˜tsunami earthquakeâ€™ of 1932 June 22 in Manzanillo, Mexico: seismological study and tsunami simulations. Geophysical Journal International, 2011, 187, 1443-1459.	1.0	39
59	The quest for wisdom: lessons from 17 tsunamis, 2004â€“2014. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140370.	1.6	39
60	Intraplate seismicity of antarctica and tectonic implications. Earth and Planetary Science Letters, 1981, 52, 397-409.	1.8	38
61	Rodrigues, Mauritius, and RÃ©union Islands Field Survey after the December 2004 Indian Ocean Tsunami. Earthquake Spectra, 2006, 22, 241-261.	1.6	37
62	Far-field simulation of the 1946 Aleutian tsunami. Geophysical Journal International, 2007, 169, 1229-1238.	1.0	37
63	Twaves from the great 1994 Bolivian deep earthquake in relation to channeling ofSwave energy up the slab. Journal of Geophysical Research, 1997, 102, 27421-27437.	3.3	36
64	An algorithm for automated tsunami warning in French Polynesia based on mantle magnitudes. Bulletin of the Seismological Society of America, 1989, 79, 1177-1193.	1.1	36
65	A surface-wave investigation of the rupture mechanism of the Gobi-Altai (December 4, 1957) earthquake. Physics of the Earth and Planetary Interiors, 1976, 12, 319-328.	0.7	35
66	Effect of variable bathymetry on the amplitude of teleseismic tsunamis: A rayâ€tracing experiment. Geophysical Research Letters, 1987, 14, 765-768.	1.5	35
67	â€œDetachedâ€•deep earthquakes: are they really?. Physics of the Earth and Planetary Interiors, 2001, 127, 109-143.	0.7	35
68	Regional analysis of Dâ€³ velocities from the ray parameters of diffracted P profiles. Geophysical Research Letters, 1989, 16, 1417-1420.	1.5	34
69	Historical seismicity of the southeastern Caribbean and tectonic implications. Pure and Applied Geophysics, 1992, 139, 87-120.	0.8	34
70	A re-evaluation of the great Aleutian and Chilean earthquakes of 1906 August 17. Geophysical Journal International, 2005, 161, 268-282.	1.0	34
71	A Studentâ€™s Guide to Teleseismic Body Wave Amplitudes. Seismological Research Letters, 1992, 63, 169-180.	0.8	33
72	The depth of the deepest historical earthquakes. Pure and Applied Geophysics, 1987, 125, 699-715.	0.8	32

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73	The July 9 and 23, 1905, Mongolian earthquakes: A surface wave investigation. Earth and Planetary Science Letters, 1977, 34, 326-331.	1.8	31
74	Intraplate deformation in the Samoa-Gilbert-Ralik area: A prelude to a change of plate boundaries in the Southwest Pacific?. Tectonophysics, 1986, 132, 69-77.	0.9	31
75	Observations of ultra-long period normal modes from the 2004 Sumatraâ€“Andaman earthquake. Physics of the Earth and Planetary Interiors, 2009, 175, 53-62.	0.7	31
76	Tsunamigenic predecessors to the 2009 Samoa earthquake. Earth-Science Reviews, 2011, 107, 128-140.	4.0	31
77	Centroid moment tensor solutions for deep earthquakes predating the digital era: the World-Wide Standardized Seismograph Network dataset (1962â€“1976). Physics of the Earth and Planetary Interiors, 1997, 99, 121-129.	0.7	30
78	A physical classification of the earth's spheroidal modes.. Journal of Physics of the Earth, 1978, 26, 75-103.	1.4	30
79	M m: Extension to Love waves of the concept of a variable-period mantle magnitude. Pure and Applied Geophysics, 1990, 134, 355-384.	0.8	29
80	The earthquake and tsunami of 1865 November 17: evidence for far-field tsunami hazard from Tonga. Geophysical Journal International, 2004, 157, 164-174.	1.0	29
81	Numerical Modeling of the June 17, 2017 Landslide and Tsunami Events in Karrat Fjord, West Greenland. Pure and Applied Geophysics, 2019, 176, 3035-3057.	0.8	29
82	Single-station estimates of the seismic moment of the 1960 Chilean and 1964 Alaskan earthquakes, using the mantle magnitudeM m. Pure and Applied Geophysics, 1991, 136, 103-126.	0.8	28
83	Preliminary determination of focal mechanisms from the inversion of spectral amplitudes of mantle waves. Physics of the Earth and Planetary Interiors, 2000, 121, 249-271.	0.7	28
84	New surveys of MacDonald Seamount, southcentral Pacific, following volcanoseismic activity, 1977â€1983. Geophysical Research Letters, 1984, 11, 813-816.	1.5	27
85	M_m: Use of a variableâ€period mantle magnitude for the rapid oneâ€station estimation of teleseismic moments. Geophysical Research Letters, 1987, 14, 840-843.	1.5	27
86	Sequencing of tsunami waves: why the first wave is not always the largest. Geophysical Journal International, 2016, 204, 719-735.	1.0	27
87	The Gilbert Islands (Republic of Kiribati) earthquake swarm of 1981â€“1983. Physics of the Earth and Planetary Interiors, 1983, 33, 284-303.	0.7	26
88	Single forces and double-couples: A theoretical review of their relative efficiency for the excitation of seismic and tsunami waves.. Journal of Physics of the Earth, 1990, 38, 445-474.	1.4	26
89	Variations in slab dip along the subducting Nazca Plate, as related to stress patterns and moment release of intermediate-depth seismicity and to surface volcanism. Geochemistry, Geophysics, Geosystems, 2001, 2, n/a-n/a.	1.0	25
90	The south of Java earthquake of 1921 September 11: a negative search for a large interplate thrust event at the Java Trench. Geophysical Journal International, 2012, 190, 1657-1672.	1.0	25

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91	Numerical modeling of the September 13, 1999 landslide and tsunami on Fatu Hiva Island (French) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	24
92	Quantification of Hydrophone Records of the 2004 Sumatra Tsunami. Pure and Applied Geophysics, 2007, 164, 309-323.	0.8	24
93	Seismic Records of the 2004 Sumatra and Other Tsunamis: A Quantitative Study. Pure and Applied Geophysics, 2007, 164, 325-353.	0.8	24
94	The Dwarskersbos, South Africa local tsunami of August 27, 1969: field survey and simulation as a meteorological event. Natural Hazards, 2014, 74, 251-268.	1.6	24
95	From 3-Hz P Waves to 0 S 2: No Evidence of A Slow Component to the Source of the 2011 Tohoku Earthquake. Pure and Applied Geophysics, 2013, 170, 963-973.	0.8	23
96	The intriguing tsunami of 19 March 2017 at Bandar Dayyer, Iran: field survey and simulations. Natural Hazards, 2018, 90, 1277-1307.	1.6	22
97	Shear-wave velocity at the base of the mantle from profiles of diffracted SH waves. Bulletin of the Seismological Society of America, 1979, 69, 1039-1053.	1.1	22
98	Q measurements for PhaseX overtones. Pure and Applied Geophysics, 1990, 132, 331-362.	0.8	21
99	The landslide and local tsunami of 13 September 1999 on Fatu Hiva (Marquesas Islands; French) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	21
100	Tsunamigenic Earthquakes: Past and Present Milestones. Pure and Applied Geophysics, 2011, 168, 969-995.	0.8	21
101	The 2010 and 2011 Tsunamis in French Polynesia: Operational Aspects and Field Surveys. Pure and Applied Geophysics, 2013, 170, 1169-1187.	0.8	21
102	Radial modes from the great 1994 Bolivian earthquake: No evidence for an isotropic component to the source. Geophysical Research Letters, 1996, 23, 431-434.	1.5	20
103	Mapping the Miocene Farallon Ridge jump on the Pacific plate: a seismic line of weakness. Earth and Planetary Science Letters, 1983, 63, 113-122.	1.8	19
104	The deep earthquakes of 1921â€“1922 in Northern Peru. Physics of the Earth and Planetary Interiors, 1994, 87, 33-54.	0.7	19
105	Reassessment of the 1907 Sumatra â€œTsunami Earthquakeâ€•Based on Macroseismic, Seismological, and Tsunami Observations, and Modeling. Pure and Applied Geophysics, 2019, 176, 2831-2868.	0.8	19
106	Diurnal seismicity cycle linked to subsurface melting on an ice shelf. Annals of Glaciology, 2019, 60, 137-157.	2.8	19
107	Rayleigh-wave phase velocities in French Polynesia. Geophysical Journal International, 1980, 63, 719-733.	1.0	18
108	M_m: Theory of a variableâ€period mantle magnitude. Geophysical Research Letters, 1987, 14, 836-839.	1.5	18

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109	The Showa Sanriku earthquake of 1933 March 2: a global seismological reassessment. Geophysical Journal International, 2016, 206, 1492-1514.	1.0	18
110	GRACE gravitational measurements of tsunamis after the 2004, 2010, and 2011 great earthquakes. Journal of Geodesy, 2020, 94, 1.	1.6	17
111	Application of the CMT algorithm to analog recordings of deep earthquakes. Physics of the Earth and Planetary Interiors, 1994, 83, 283-297.	0.7	16
112	Centroid moment tensor solutions for intermediate-depth earthquakes of the WWSSNâ€“HGLP era (1962â€“1975). Physics of the Earth and Planetary Interiors, 2001, 124, 1-7.	0.7	16
113	Field Survey of the 1945 Makran and 2004 Indian Ocean Tsunamis in Baluchistan, Iran. Pure and Applied Geophysics, 2015, 172, 3343-3356.	0.8	16
114	Four years of automated measurements of seismic moments at Papeete using the mantle magnitude Mm: 1987â€“1991. Tectonophysics, 1993, 217, 175-193.	0.9	15
115	Socotra Island, Yemen: field survey of the 2004 Indian Ocean tsunami. Natural Hazards, 2008, 46, 107-117.	1.6	15
116	Observed very long period Rayleigh-wave phase velocities across the Canadian shield. Geophysical Journal International, 1978, 53, 663-668.	1.0	14
117	M m: A variable-period mantle magnitude for intermediate and deep earthquakes. Pure and Applied Geophysics, 1990, 134, 333-354.	0.8	14
118	MTSU : Recovering Seismic Moments from Tsunameter Records. Pure and Applied Geophysics, 2007, 164, 355-378.	0.8	14
119	Regional dispersion of first-order overtone Rayleigh waves. Geophysical Journal International, 1983, 72, 461-481.	1.0	13
120	One-station estimates of seismic moments from the mantle magnitudeM m: The case of the regional field (1.5ï¿½???15ï¿½). Pure and Applied Geophysics, 1992, 138, 43-60.	0.8	13
121	Centroid moment tensor solutions for deep earthquakes predating the digital era: The historical dataset (1907â€“1961). Physics of the Earth and Planetary Interiors, 1998, 106, 181-190.	0.7	13
122	Field survey and modelling of the Caspian Sea tsunami of 1990 June 20. Geophysical Journal International, 2015, 201, 621-639.	1.0	13
123	Centroid-moment-tensor solutions for deep earthquakes predating the digital era: Discussion and inferences. Physics of the Earth and Planetary Interiors, 1998, 106, 191-218.	0.7	12
124	Large, pre-digital earthquakes of the Bonin-Mariana subduction zone, 1930â€“1974. Tectonophysics, 2013, 586, 1-14.	0.9	12
125	A teleseismic array study in French Polynesia; Implications for distant and local structure. Geophysical Research Letters, 1975, 2, 5-8.	1.5	11
126	Higher moment excitation of normal modes and surface waves.. Journal of Physics of the Earth, 1982, 30, 1-31.	1.4	11

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127	From earthquake size to far-field tsunami amplitude: development of a simple formula and application to DART buoy data. Geophysical Journal International, 2014, 196, 340-356.	1.0	11
128	Historical seismograms: Preserving an endangered species. GeoResJ, 2015, 6, 53-64.	1.4	11
129	Extension of the energy-to-moment parameter Î˜ to intermediate and deep earthquakes. Physics of the Earth and Planetary Interiors, 2018, 274, 37-48.	0.7	11
130	Energy and Magnitude: A Historical Perspective. Pure and Applied Geophysics, 2019, 176, 3815-3849.	0.8	11
131	Higher-mode Rayleigh waves studied as individual seismic phases. Earth and Planetary Science Letters, 1979, 43, 162-167.	1.8	10
132	Tensional intraplate seismicity in the Eastcentral Pacific. Physics of the Earth and Planetary Interiors, 1987, 49, 264-282.	0.7	10
133	Stacking investigations of the dispersion of higher order mantle Rayleigh waves and normal modes. Physics of the Earth and Planetary Interiors, 1987, 47, 188-204.	0.7	10
134	Twenty-Five Years of Progress in the Science of â€œGeologicalâ€•Tsunamis Following the 1992 Nicaragua and Flores Events. Pure and Applied Geophysics, 2019, 176, 2771-2793.	0.8	10
135	Stacking investigations of higherâ€•order mantle Rayleigh waves. Geophysical Research Letters, 1985, 12, 421-424.	1.5	9
136	On the cessation of seismicity at the base of the transition zone. Journal of Seismology, 1998, 2, 65-86.	0.6	9
137	An extension of the E/M0 tsunami earthquake discriminant Î˜ to regional distances. Geophysical Journal International, 2012, 190, 1640-1656.	1.0	9
138	Historical tsunami earthquakes in the Southwest Pacific: an extension to Î” >Â80Â° of the energy-to-moment parameter Î˜. Geophysical Journal International, 2017, 210, 852-873.	1.0	9
139	Rescuing Legacy Seismic Data FAIRâ€™ly. Seismological Research Letters, 2020, 91, 1339-1340.	0.8	9
140	Investigating the physical nature of the Coriolis effects in the fixed frame. American Journal of Physics, 1977, 45, 631-633.	0.3	8
141	Plausible megathrust tsunamis in the eastern Mediterranean Sea. Proceedings of the Institution of Civil Engineers: Engineering and Computational Mechanics, 2014, 167, 99-105.	0.4	8
142	Temporal and Topographic Source Effects on Tsunami Generation. Journal of Geophysical Research: Oceans, 2019, 124, 5270-5288.	1.0	8
143	The Chios, Greece Earthquake of 23 July 1949: Seismological Reassessment and Tsunami Investigations. Pure and Applied Geophysics, 2020, 177, 1295-1313.	0.8	8
144	Strength asperities along oceanic transform faults: a model for the origin of extensional earthquakes on the Eltanin transform system. Earth and Planetary Science Letters, 2003, 216, 27-41.	1.8	7

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145	A new source discriminant based on frequency dispersion for hydroacoustic phases recorded byT-phase stations. Geophysical Journal International, 2016, 206, 1784-1794.	1.0	7
146	Gravitational Changes of the Earth's Free Oscillation From Earthquakes: Theory and Feasibility Study Using GRACE Interâ€satellite Tracking. Journal of Geophysical Research: Solid Earth, 2019, 124, 7483-7503.	1.4	7
147	The Pucallpa Nest and its constraints on the geometry of the Peruvian Flat Slab. Tectonophysics, 2019, 762, 97-108.	0.9	7
148	Effects of bathymetry complexity on tsunami propagation: a spherical harmonics approach. Geophysical Journal International, 2020, 223, 632-647.	1.0	7
149	On the possibility of seismic recording of meteotsunamis. Natural Hazards, 2021, 106, 1125-1147.	1.6	7
150	The 2004 Sumatra earthquake and Indian Ocean tsunami: What happened and why?. Visual Geosciences, 2005, 10, 21-26.	0.5	6
151	The Mw = 6.6 earthquake and tsunami of south Crete on 2020 May 2. Geophysical Journal International, 2022, 230, 480-506.	1.0	6
152	Comment on â€œSource of the great tsunami of 1 April 1946: a landslide in the upper Aleutian forearcâ€, by G.J. Fryer et al. [Mar. Geol. 203 (2004) 201â€“218]. Marine Geology, 2004, 209, 363-369.	0.9	5
153	A negative search for an ultra-slow component to the source of the Yunnan earthquakes of May 29, 1976. Physics of the Earth and Planetary Interiors, 1981, 26, 208-216.	0.7	4
154	A reassessment of the deep Fiji earthquake of 26 May 1932. Tectonophysics, 1997, 275, 313-329.	0.9	4
155	An implosive component to the source of the deep Sea of Okhotsk earthquake of 24 May 2013: Evidence from radial modes and CMT inversion. Physics of the Earth and Planetary Interiors, 2018, 281, 68-78.	0.7	4
156	Introduction to â€œTwenty Five Years of Modern Tsunami Science Following the 1992 Nicaragua and Flores Island Tsunamis, Volume Iâ€. Pure and Applied Geophysics, 2019, 176, 2757-2769.	0.8	4
157	Tsunami simulations along the Eastern African coast from mega-earthquake sources in the Indian Ocean. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	4
158	Investigation of the 600-km discontinuity under France through travel-time and amplitude anomalies. Physics of the Earth and Planetary Interiors, 1974, 8, 269-276.	0.7	3
159	Tsunami warning: beating the waves to death and destruction. Endeavour, 1994, 18, 38-43.	0.1	3
160	The â€œTsunami Earthquakeâ€• of 13 April 1923 in Northern Kamchatka: Seismological and Hydrodynamic Investigations. Pure and Applied Geophysics, 2018, 175, 1257-1285.	0.8	3
161	The Large Andaman Islands Earthquake of 26 June 1941: Why No Significant Tsunami?. Pure and Applied Geophysics, 2019, 176, 2869-2886.	0.8	3
162	The body-wave magnitude mb: an attempt to rationalize the distance-depth correction q(Î”, h). Geophysical Journal International, 2020, 223, 270-288.	1.0	2

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163	Introduction to â€œTwenty Five Years of Modern Tsunami Science Following the 1992 Nicaragua and Flores Island Tsunamis, Volume IIâ€• Pure and Applied Geophysics, 2020, 177, 1183-1191.	0.8	2
164	The Energy of a Tsunami Generated by Dynamic Uplift of the Ocean Bottom. I. Analytical Solutions. Pure and Applied Geophysics, 2021, 178, 4985-4999.	0.8	2
165	T Waves from the 1998 Papua New Guinea Earthquake and its Aftershocks: Timing the Tsunamigenic Slump. , 2003, , 1843-1863.		2
166	Introduction to â€œSixty Years of Modern Tsunami Science, Volume 1: Lessons and Progressâ€• Pure and Applied Geophysics, 2021, 178, 4689-4695.	0.8	2
167	On the orientation of the horizontal seismometers at South Pole. Pure and Applied Geophysics, 1992, 138, 151-154.	0.8	1
168	Evidence of prehistoric liquefaction in Kuwait and implications for the seismic vulnerability of the Arabian Gulf Countries. Natural Hazards, 2020, 103, 799-813.	1.6	1
169	Snellâ€™s Law Applied to Tsunamis: Simulations and Observations. Pure and Applied Geophysics, 2021, 178, 4969-4983.	0.8	1
170	Frequency-size distributions of Wadati-Benioff zone and near-boundary intraplate earthquakes: Implications for intermediate and deep seismicity. Physics of the Earth and Planetary Interiors, 2021, , 106707.	0.7	1
171	The 1977 Three Kings Ridge earthquake (Ms = 6.7): broad-band aspect of the source rupture. Physics of the Earth and Planetary Interiors, 1995, 89, 109-125.	0.7	0
172	Preliminary Results from a Prototype Ocean-Bottom Pressure Sensor Deployed in the Mentawai Channel, Central Sumatra, Indonesia. Pure and Applied Geophysics, 2020, 177, 5119-5131.	0.8	0
173	T Waves. Encyclopedia of Earth Sciences Series, 2021, , 1751-1753.	0.1	0
174	Tâ€wave detection of underwater volcanism by landâ€based seismic stations: The example of the Hollister Ridge, Southern Pacific. Journal of the Acoustical Society of America, 1996, 100, 2640-2640.	0.5	0
175	Inside the Earth, Evidence from Earthquakes. Bruce A. Bolt. Journal of Geology, 1987, 95, 588-588.	0.7	0