

Alexander B Rabinovich

List of Publications by Year in descending order

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77
papers

3,117
citations

159525

30
h-index

175177

52
g-index

78
all docs

78
docs citations

78
times ranked

1902
citing authors

#	ARTICLE	IF	CITATIONS
1	The Global Reach of the 26 December 2004 Sumatra Tsunami. <i>Science</i> , 2005, 309, 2045-2048.	6.0	388
2	Seiches and Harbor Oscillations. , 2009, , 193-236.		216
3	Spectral analysis of tsunami waves: Separation of source and topography effects. <i>Journal of Geophysical Research</i> , 1997, 102, 12663-12676.	3.3	161
4	The 26 December 2004 Sumatra Tsunami: Analysis of Tide Gauge Data from the World Ocean Part 1. Indian Ocean and South Africa. <i>Pure and Applied Geophysics</i> , 2007, 164, 261-308.	0.8	125
5	The landslide tsunami of November 3, 1994, Skagway Harbor, Alaska. <i>Journal of Geophysical Research</i> , 1996, 101, 6609-6615.	3.3	109
6	Generation of Meteorological Tsunamis (Large Amplitude Seiches) Near the Balearic and Kuril Islands. <i>Natural Hazards</i> , 1998, 18, 27-55.	1.6	98
7	The Sumatra tsunami of 26 December 2004 as observed in the North Pacific and North Atlantic oceans. <i>Surveys in Geophysics</i> , 2006, 27, 647-677.	2.1	93
8	Widespread tsunami-like waves of 23-27 June in the Mediterranean and Black Seas generated by high-altitude atmospheric forcing. <i>Scientific Reports</i> , 2015, 5, 11682.	1.6	90
9	Deep-Ocean Measurements of Tsunami Waves. <i>Pure and Applied Geophysics</i> , 2015, 172, 3281-3312.	0.8	90
10	Constrained circulation at Endeavour ridge facilitates colonization by vent larvae. <i>Nature</i> , 2003, 424, 545-549.	13.7	86
11	Twenty-Seven Years of Progress in the Science of Meteorological Tsunamis Following the 1992 Daytona Beach Event. <i>Pure and Applied Geophysics</i> , 2020, 177, 1193-1230.	0.8	82
12	Meteorological tsunamis: Atmospherically induced destructive ocean waves in the tsunami frequency band. <i>Physics and Chemistry of the Earth</i> , 2009, 34, 891-893.	1.2	68
13	Modern Approaches in Meteotsunami Research and Early Warning. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	67
14	Estimation of Tsunami Risk for the Coasts of Peru and Northern Chile. <i>Natural Hazards</i> , 2005, 35, 185-209.	1.6	66
15	Tides in Three Enclosed Basins: The Baltic, Black, and Caspian Seas. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	64
16	Evidence for nonlinear interaction between internal waves of inertial and semidiurnal frequency. <i>Geophysical Research Letters</i> , 1998, 25, 1205-1208.	1.5	55
17	The open ocean energy decay of three recent trans-Pacific tsunamis. <i>Geophysical Research Letters</i> , 2013, 40, 3157-3162.	1.5	51
18	Near-surface circulation of the northeast Pacific Ocean derived from WOCE-SVP satellite-tracked drifters. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1999, 46, 2371-2403.	0.6	49

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19	Meteotsunami in the Great Lakes and on the Atlantic coast of the United States generated by the "derecho" of June 29–30, 2012. <i>Natural Hazards</i> , 2014, 74, 75-107.	1.6	48
20	The 2010 Chilean Tsunami Off the West Coast of Canada and the Northwest Coast of the United States. <i>Pure and Applied Geophysics</i> , 2013, 170, 1529-1565.	0.8	47
21	Meteorological tsunamis on the US East Coast and in other regions of the World Ocean. <i>Natural Hazards</i> , 2014, 74, 1-9.	1.6	46
22	Longwave Measurements for the Coast of British Columbia and Improvements to the Tsunami Warning Capability. <i>Natural Hazards</i> , 2004, 32, 313-343.	1.6	44
23	Meteotsunamis in the Laurentian Great Lakes. <i>Scientific Reports</i> , 2016, 6, 37832.	1.6	43
24	Numerical Modeling of Tsunami Generation by Submarine and Subaerial Landslides. , 2003, , 69-88.		40
25	Double jeopardy: Concurrent arrival of the 2004 Sumatra tsunami and storm-generated waves on the Atlantic coast of the United States and Canada. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	39
26	The landslide-generated tsunami of November 3, 1994 in Skagway Harbor, Alaska: A case study. <i>Geophysical Research Letters</i> , 1999, 26, 3009-3012.	1.5	38
27	Observations of seamount-attached eddies in the North Pacific. <i>Journal of Geophysical Research</i> , 1997, 102, 12441-12456.	3.3	37
28	Energy Decay of the 2004 Sumatra Tsunami in the World Ocean. <i>Pure and Applied Geophysics</i> , 2011, 168, 1919-1950.	0.8	37
29	The dual source region for the 2004 Sumatra tsunami. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	34
30	Deep-sea observations and modeling of the 2004 Sumatra tsunami in Drake Passage. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	34
31	Oceanic Odyssey of a satellite-tracked drifter: North Pacific variability delineated by a single drifter trajectory. <i>Journal of Oceanography</i> , 1997, 53, 81-87.	0.7	33
32	Evidence of Diurnal Shelf Waves in Satellite-Tracked Drifter Trajectories off the Kuril Islands. <i>Journal of Physical Oceanography</i> , 2001, 31, 2650-2668.	0.7	32
33	The February 23, 1887 tsunami recorded on the Ligurian Coast, western Mediterranean. <i>Geophysical Research Letters</i> , 1997, 24, 2211-2214.	1.5	31
34	Barotropic and baroclinic tidal currents on the Mackenzie shelf break in the southeastern Beaufort Sea. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	31
35	The meteorological tsunami of 1 November 2010 in the southern Strait of Georgia: a case study. <i>Natural Hazards</i> , 2021, 106, 1503-1544.	1.6	30
36	Special issue on the global perspective on meteotsunami science: editorial. <i>Natural Hazards</i> , 2021, 106, 1087-1104.	1.6	29

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37	Combined hazard of typhoon-generated meteorological tsunamis and storm surges along the coast of Japan. <i>Natural Hazards</i> , 2021, 106, 1639-1672.	1.6	28
38	Satellite-tracked drifter measurement of inertial and semidiurnal currents in the northeast Pacific. <i>Journal of Geophysical Research</i> , 1998, 103, 1039-1052.	3.3	27
39	Observations and Numerical Modeling of the 2012 Haida Gwaii Tsunami off the Coast of British Columbia. <i>Pure and Applied Geophysics</i> , 2015, 172, 699-718.	0.8	26
40	On Numerical Simulation of the Landslide-Generated Tsunami of November 3, 1994 in Skagway Harbor, Alaska. <i>Advances in Natural and Technological Hazards Research</i> , 2001, , 243-282.	1.1	26
41	Drifter Observations of Anticyclonic Eddies near Bussol' Strait, the Kuril Islands. <i>Journal of Oceanography</i> , 2002, 58, 661-671.	0.7	25
42	Sea-Ice Drift on the Northeastern Shelf of Sakhalin Island. <i>Journal of Physical Oceanography</i> , 2004, 34, 2470-2491.	0.7	22
43	Odessa Tsunami of 27 June 2014: Observations and Numerical Modelling. <i>Pure and Applied Geophysics</i> , 2018, 175, 1545-1572.	0.8	22
44	Spectral characteristics of sea level variability along the west coast of North America during the 1982-83 and 1997-98 El Niño events. <i>Progress in Oceanography</i> , 2001, 49, 353-372.	1.5	21
45	Intense diurnal surface currents in the Bay of La Paz, Mexico. <i>Continental Shelf Research</i> , 2010, 30, 608-619.	0.9	21
46	Numerical Modeling and Observations of Tsunami Waves in Alberni Inlet and Barkley Sound, British Columbia. <i>Pure and Applied Geophysics</i> , 2008, 165, 2019-2044.	0.8	20
47	The 2011 Tohoku Tsunami on the Coast of Mexico: A Case Study. <i>Pure and Applied Geophysics</i> , 2017, 174, 2961-2986.	0.8	20
48	A Comparative Analysis of Coastal and Open-Ocean Records of the Great Chilean Tsunamis of 2010, 2014 and 2015 off the Coast of Mexico. <i>Pure and Applied Geophysics</i> , 2016, 173, 4139-4178.	0.8	18
49	Sea Ice and Current Response to the Wind: A Vector Regression Analysis Approach. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007, 24, 1086-1101.	0.5	16
50	Introduction to "Historical and Recent Catastrophic Tsunamis in the World: Volume I. The 2011 Tohoku Tsunami". <i>Pure and Applied Geophysics</i> , 2013, 170, 955-961.	0.8	16
51	Tsunamis on the Pacific Coast of Canada Recorded in 1994-2007. <i>Pure and Applied Geophysics</i> , 2009, 166, 177-210.	0.8	15
52	Introduction to "Tsunami Science: Ten Years After the 2004 Indian Ocean Tsunami. Volume I". <i>Pure and Applied Geophysics</i> , 2015, 172, 615-619.	0.8	15
53	Destructive coastal sea level oscillations generated by Typhoon Maysak in the Sea of Japan in September 2020. <i>Scientific Reports</i> , 2022, 12, 8463.	1.6	15
54	Locally generated tsunamis recorded on the coast of British Columbia. <i>Atmosphere - Ocean</i> , 2008, 46, 343-360.	0.6	14

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55	The California tsunami of 15 June 2005 along the coast of North America. Atmosphere - Ocean, 2006, 44, 415-427.	0.6	13
56	Introduction to "Historical and Recent Catastrophic Tsunamis in the World: Volume II. Tsunamis from 1755 to 2010" Pure and Applied Geophysics, 2013, 170, 1361-1367.	0.8	13
57	On Sampling Strategies and Interpolation Schemes for Satellite-Tracked Drifters. Journal of Atmospheric and Oceanic Technology, 1999, 16, 893-904.	0.5	10
58	Five Great Tsunamis of the 20th Century as Recorded on the Coast of British Columbia. Pure and Applied Geophysics, 2019, 176, 2887-2924.	0.8	10
59	On the Leading Negative Phase of Major 2010-2014 Tsunamis. Pure and Applied Geophysics, 2015, 172, 3493-3508.	0.8	9
60	Introduction to "Global Tsunami Science: Past and Future, Volume II" Pure and Applied Geophysics, 2017, 174, 2883-2889.	0.8	8
61	Introduction to "Tsunami Science: Ten Years after the 2004 Indian Ocean Tsunami. Volume II." Pure and Applied Geophysics, 2015, 172, 3265-3270.	0.8	7
62	Introduction to "Global Tsunami Science: Past and Future, Volume I" Pure and Applied Geophysics, 2016, 173, 3663-3669.	0.8	7
63	The Impact of the Chiapas Tsunami of 8 September 2017 on the Coast of Mexico. Part 1: Observations, Statistics, and Energy Partitioning. Pure and Applied Geophysics, 2021, 178, 4291-4323.	0.8	7
64	Introduction to "Tsunamis in the Pacific Ocean: 2011-2012" Pure and Applied Geophysics, 2014, 171, 3175-3182.	0.8	6
65	The 26 December 2004 Sumatra Tsunami: Analysis of Tide Gauge Data from the World Ocean Part 1. Indian Ocean and South Africa. , 2007, , 261-308.		6
66	Introduction to "Twenty Five Years of Modern Tsunami Science Following the 1992 Nicaragua and Flores Island Tsunamis, Volume I" Pure and Applied Geophysics, 2019, 176, 2757-2769.	0.8	4
67	The 2011 Tohoku tsunami generated major environmental changes in a distal Canadian fjord. Geophysical Research Letters, 2013, 40, 5937-5943.	1.5	3
68	A Comparative Analysis of Coastal and Open-Ocean Records of the Great Chilean Tsunamis of 2010, 2014 and 2015 off the Coast of Mexico. Pageoph Topical Volumes, 2016, , 4139-4178.	0.2	3
69	The 2018 Alaska-Kodiak Tsunami off the West Coast of North America: A Rare Mid-plate Tsunamigenic Event. Pure and Applied Geophysics, 2020, 177, 1347-1378.	0.8	3
70	Introduction to "Global Tsunami Science: Past and Future, Volume III" Pure and Applied Geophysics, 2018, 175, 1231-1237.	0.8	2
71	Introduction to "Twenty Five Years of Modern Tsunami Science Following the 1992 Nicaragua and Flores Island Tsunamis, Volume II" Pure and Applied Geophysics, 2020, 177, 1183-1191.	0.8	2
72	Tsunamis on the Pacific Coast of Canada Recorded in 1994-2007. , 2009, , 177-210.		2

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73	Meteorological tsunamis on the US East Coast and in other regions of the World Ocean. , 2014, , 1-9.		1
74	Introduction to Global Tsunami Science: Past and Future, Volume I. Pageoph Topical Volumes, 2016, , 3663-3669.	0.2	1
75	Numerical Modeling and Observations of Tsunami Waves in Alberni Inlet and Barkley Sound, British Columbia. , 2008, , 2019-2044.		0
76	Introduction to "Global Tsunami Science: Past and Future, Volume III". Pageoph Topical Volumes, 2019, , 1-7.	0.2	0
77	Odessa Tsunami of 27 June 2014: Observations and Numerical Modelling. Pageoph Topical Volumes, 2019, , 315-342.	0.2	0