

Raphael Paris

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

2,900
citations

31
h-index

52
g-index

98
ext. papers

3,425
ext. citations

3.4
avg, IF

5.25
L-index

#	Paper	IF	Citations
83	Experimental Insights on the Propagation of Fine-Grained Geophysical Flows Entering Water. <i>Journal of Geophysical Research: Oceans</i> , 2021 , 126, e2020JC016838	3.3	1
82	The Mediterranean Sea and the Gulf of Cadiz as a natural laboratory for paleotsunami research: Recent advancements. <i>Earth-Science Reviews</i> , 2021 , 216, 103578	10.2	1
81	A tsunami deposit at Anse Meunier, Martinique Island: Evidence of the 1755 CE Lisbon tsunami and implication for hazard assessment. <i>Marine Geology</i> , 2021 , 439, 106561	3.3	3
80	Exploring the links between volcano flank collapse and the magmatic evolution of an ocean island volcano: Fogo, Cape Verde. <i>Scientific Reports</i> , 2021 , 11, 17478	4.9	3
79	Bridging Legends and Science: Field Evidence of a Large Tsunami that Affected the Kingdom of Tonga in the 15th Century. <i>Frontiers in Earth Science</i> , 2021 , 9,	3.5	3
78	X-ray tomography applied to tsunami deposits 2020 , 365-380		
77	Impact of Fluidized Granular Flows into Water: Implications for Tsunamis Generated by Pyroclastic Flows. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2019JB018954	3.6	8
76	Systematic Review Shows That Work Done by Storm Waves Can Be Misinterpreted as Tsunami-Related Because Commonly Used Hydrodynamic Equations Are Flawed. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	21
75	Mega-tsunami deposits related to ocean island flank collapses and asteroid impacts 2020 , 547-559		
74	The use of vascular plant densities to estimate the age of undated lava flows in semi-arid areas of Fogo Island (Cape Verde, Atlantic Ocean). <i>Journal of Arid Environments</i> , 2020 , 173, 104042	2.5	4
73	The December 22, 2018 Anak Krakatau, Indonesia, Landslide and Tsunami: Preliminary Modeling Results. <i>Pure and Applied Geophysics</i> , 2020 , 177, 571-590	2.2	35
72	Advances in the study of mega-tsunamis in the geological record. <i>Earth-Science Reviews</i> , 2020 , 210, 103381.	11.2	5
71	Sedimentary fabric characterized by X-ray tomography: A case-study from tsunami deposits on the Marquesas Islands, French Polynesia. <i>Sedimentology</i> , 2020 , 67, 1207-1229	3.3	10
70	Mantle plumes are oxidised. <i>Earth and Planetary Science Letters</i> , 2019 , 527, 115798	5.3	36
69	Probabilistic hazard analysis for tsunamis generated by subaqueous volcanic explosions in the Campi Flegrei caldera, Italy. <i>Journal of Volcanology and Geothermal Research</i> , 2019 , 379, 106-116	2.8	13
68	Tsunamis generated by subaqueous volcanic explosions in Taal Caldera Lake, Philippines. <i>Bulletin of Volcanology</i> , 2019 , 81, 1	2.4	7
67	Numerical modeling of the December 22, 2018 Anak Krakatau landslide and the following tsunami in Sunda Strait, Indonesia 2019 ,		1

66	SO ₂ and tephra emissions during the December 22, 2018 Anak Krakatau flank-collapse eruption. <i>Volcanica</i> , 2019 , 2, 91-103	2.7	21
65	Coherence Change Analysis for Multipass Insar Images Based on the Change Detection Matrix 2019		2
64	Mega-tsunami conglomerates and flank collapses of ocean island volcanoes. <i>Marine Geology</i> , 2018 , 395, 168-187	3.3	44
63	Scenario of the 1996 volcanic tsunamis in Karymskoye Lake, Kamchatka, inferred from X-ray tomography of heavy minerals in tsunami deposits. <i>Marine Geology</i> , 2018 , 396, 160-170	3.3	11
62	The Holocene volcanism of Gran Canaria (Canary Islands, Spain). <i>Journal of Maps</i> , 2018 , 14, 620-629	2.2	9
61	Explosive eruption, flank collapse and megatsunami at Tenerife ca. 170 ka. <i>Nature Communications</i> , 2017 , 8, 15246	17.4	35
60	Probabilistic Tsunami Hazard Analysis: Multiple Sources and Global Applications. <i>Reviews of Geophysics</i> , 2017 , 55, 1158-1198	23.1	103
59	X-ray tomography of tsunami deposits: Towards a new depositional model of tsunami deposits. <i>Sedimentology</i> , 2017 , 64, 453-477	3.3	20
58	Simulating the thermorheological evolution of channel-contained lava: FLOWGO and its implementation in EXCEL. <i>Geological Society Special Publication</i> , 2016 , 426, 313-336	1.7	11
57	Insights into the evolution of the Yenkahe resurgent dome (Siwi caldera, Tanna Island, Vanuatu) inferred from aerial high-resolution photogrammetry. <i>Journal of Volcanology and Geothermal Research</i> , 2016 , 322, 212-224	2.8	10
56	A mid-Holocene candidate tsunami deposit from the NW Cape (Western Australia). <i>Sedimentary Geology</i> , 2016 , 332, 40-50	2.8	17
55	Source of the tsunami generated by the 1650 AD eruption of Kolumbo submarine volcano (Aegean Sea, Greece). <i>Journal of Volcanology and Geothermal Research</i> , 2016 , 321, 125-139	2.8	32
54	Intérêt de la ventilation pulmonaire pour le traitement d'une fistule bronchopleurale. <i>Anesthésie & Réanimation</i> , 2015 , 1, 270-271	0.1	
53	Insights into the evolution of the Yenkahe resurgent dome (Siwi caldera, Tanna Island, Vanuatu) inferred from aerial high-resolution photogrammetry. <i>Journal of Volcanology and Geothermal Research</i> , 2015 , 299, 78	2.8	11
52	Source mechanisms of volcanic tsunamis. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015 , 373,	3	49
51	Volcanic and structural evolution of Pico do Fogo, Cape Verde. <i>Geology Today</i> , 2015 , 31, 146-152	0.4	8
50	MeMoVolc consensual document: a review of cross-disciplinary approaches to characterizing small explosive magmatic eruptions. <i>Bulletin of Volcanology</i> , 2015 , 77, 1	2.4	20
49	Onshore tsunami sediment transport mechanisms inferred from heavy mineral assemblages. <i>Holocene</i> , 2015 , 25, 795-809	2.6	29

48	Coupling eruption and tsunami records: the Krakatau 1883 case study, Indonesia. <i>Bulletin of Volcanology</i> , 2014 , 76, 1	2.4	29
47	Numerical simulations of tsunamis generated by underwater volcanic explosions at Karymskoye lake (Kamchatka, Russia) and Kolumbo volcano (Aegean Sea, Greece). <i>Natural Hazards and Earth System Sciences</i> , 2014 , 14, 401-412	3.9	17
46	Volcanic tsunami: a review of source mechanisms, past events and hazards in Southeast Asia (Indonesia, Philippines, Papua New Guinea). <i>Natural Hazards</i> , 2014 , 70, 447-470	3	85
45	GPR-derived architecture of a lahar-generated fan at Cotopaxi volcano, Ecuador. <i>Geomorphology</i> , 2014 , 213, 225-239	4.3	8
44	G2Sd: a new R package for the statistical analysis of unconsolidated sediments. <i>Geomorphologie Relief, Processus, Environnement</i> , 2014 , 20, 73-78	0.7	17
43	Geological Hazards in the Teide Volcanic Complex. <i>Active Volcanoes of the World</i> , 2013 , 249-272	0.4	
42	Eruptive Styles at the Teide Volcanic Complex. <i>Active Volcanoes of the World</i> , 2013 , 213-231	0.4	1
41	Modeling of coastal erosion and sediment deposition during the 2004 Indian Ocean tsunami in Lhok Nga, Sumatra, Indonesia. <i>Natural Hazards</i> , 2013 , 65, 1967-1979	3	15
40	High-resolution analysis of a tsunami deposit: Case-study from the 1755 Lisbon tsunami in southwestern Spain. <i>Marine Geology</i> , 2013 , 337, 98-111	3.3	72
39	Modeling of coastal erosion and sediment deposition during the 2004 Indian Ocean tsunami in Lhok Nga, Sumatra, Indonesia 2013 , 65, 1967		0
38	The Teide Volcanic Complex: Physical Environment and Geomorphology. <i>Active Volcanoes of the World</i> , 2013 , 37-56	0.4	
37	Tsunami hazard related to a flank collapse of Anak Krakatau Volcano, Sunda Strait, Indonesia. <i>Geological Society Special Publication</i> , 2012 , 361, 79-90	1.7	65
36	Factors controlling the morphology of monogenetic basaltic volcanoes: The Holocene volcanism of Gran Canaria (Canary Islands, Spain). <i>Geomorphology</i> , 2012 , 136, 31-44	4.3	23
35	Microtextural characteristics of quartz grains transported and deposited by tsunamis and storms. <i>Sedimentary Geology</i> , 2012 , 275-276, 55-69	2.8	58
34	Comment on Reconstructing tsunami run-up from the characteristics of tsunami deposits on the Thai Andaman Coast by Srisutam and Wagner (2010). <i>Coastal Engineering</i> , 2012 , 61, 53-55	4.8	5
33	Tsunami deposits in Santiago Island (Cape Verde archipelago) as possible evidence of a massive flank failure of Fogos volcano. <i>Sedimentary Geology</i> , 2011 , 239, 129-145	2.8	42
32	A spatial analysis of the December 26th, 2004 tsunami-induced damages: Lessons learned for a better risk assessment integrating buildings vulnerability. <i>Applied Geography</i> , 2011 , 31, 363-375	4.4	73
31	GIS methods applied to the degradation of monogenetic volcanic fields: A case study of the Holocene volcanism of Gran Canaria (Canary Islands, Spain). <i>Geomorphology</i> , 2011 , 134, 249-259	4.3	13

30	Comment on The distribution of basaltic volcanism on Tenerife, Canary Islands: Implications on the origin and dynamics of the rift systems by A. Geyer and J. Martı́n Tectonophysics 483 (2010) 310-326. <i>Tectonophysics</i> , 2011 , 503, 239-241	3.1	7
29	The use of boulders for characterising past tsunamis: Lessons from the 2004 Indian Ocean and 2009 South Pacific tsunamis. <i>Earth-Science Reviews</i> , 2011 , 107, 76-90	10.2	81
28	Numerical assessment of boulder transport by the 2004 Indian ocean tsunami in Lhok Nga, West Banda Aceh (Sumatra, Indonesia). <i>Computers and Geosciences</i> , 2011 , 37, 1391-1399	4.5	37
27	Reassessment of hydrodynamic equations: Minimum flow velocity to initiate boulder transport by high energy events (storms, tsunamis). <i>Marine Geology</i> , 2011 , 281, 70-84	3.3	162
26	Numerical modelling of the tsunami triggered by the Għhar debris avalanche, Tenerife (Canary Islands): Comparison with field-based data. <i>Marine Geology</i> , 2011 , 284, 189-202	3.3	61
25	Evolution of ocean-island rifts: The northeast rift zone of Tenerife, Canary Islands. <i>Bulletin of the Geological Society of America</i> , 2011 , 123, 562-584	3.9	56
24	Pre-Holocene age of Humboldt's 1430 eruption of the Orotava Valley, Tenerife, Canary Islands. <i>Geology Today</i> , 2010 , 26, 101-104	0.4	4
23	Numerical simulation of a tsunami event during the 1996 volcanic eruption in Karymskoye lake, Kamchatka, Russia. <i>Natural Hazards and Earth System Sciences</i> , 2010 , 10, 2359-2369	3.9	21
22	Boulder accumulations related to storms on the south coast of the Reykjanes Peninsula (Iceland). <i>Geomorphology</i> , 2010 , 114, 55-70	4.3	123
21	Use of anisotropy of magnetic susceptibility (AMS) in the study of tsunami deposits: Application to the 2004 deposits on the eastern coast of Banda Aceh, North Sumatra, Indonesia. <i>Marine Geology</i> , 2010 , 275, 255-272	3.3	54
20	Boulder and fine sediment transport and deposition by the 2004 tsunami in Lhok Nga (western Banda Aceh, Sumatra, Indonesia): A coupled offshore-ōnshore model. <i>Marine Geology</i> , 2010 , 268, 43-54	3.3	149
19	Nannoliths abundance and distribution in tsunami deposits: example from the December 26, 2004 tsunami in Lhok Nga (northwest Sumatra, Indonesia). <i>Geomorphologie Relief, Processus, Environnement</i> , 2010 , 16, 109-118	0.7	17
18	The Holocene volcanic history of Gran Canaria island: implications for volcanic hazards. <i>Journal of Quaternary Science</i> , 2009 , 24, 697-709	2.3	34
17	Reconstruction of Tsunami Inland Propagation on December 26, 2004 in Banda Aceh, Indonesia, through Field Investigations. <i>Pure and Applied Geophysics</i> , 2009 , 166, 259-281	2.2	55
16	Tsunamis as geomorphic crises: Lessons from the December 26, 2004 tsunami in Lhok Nga, West Banda Aceh (Sumatra, Indonesia). <i>Geomorphology</i> , 2009 , 104, 59-72	4.3	212
15	La dorsal NE de Tenerife: hacia un modelo del origen y evoluciōn de los rifts de islas oceānicas. <i>Estudios Geologicos</i> , 2009 , 65, 5-47	0.3	5
14	Reconstruction of Tsunami Inland Propagation on December 26, 2004 in Banda Aceh, Indonesia, through Field Investigations 2009 , 259-281		3
13	Tsunami-resilient communities' development in Indonesia through educative actions. <i>Disaster Prevention and Management</i> , 2008 , 17, 430-446	1.5	17

12	Reply to Comment on Recent unrest at Canary Islands' Teide Volcano? <i>Eos</i> , 2007 , 88, 488-488	1.5	
11	Field observations of the 17 July 2006 Tsunami in Java. <i>Natural Hazards and Earth System Sciences</i> , 2007 , 7, 177-183	3.9	34
10	Coastal sedimentation associated with the December 26, 2004 tsunami in Lhok Nga, west Banda Aceh (Sumatra, Indonesia). <i>Marine Geology</i> , 2007 , 238, 93-106	3.3	146
9	Eruptive and structural history of Teide Volcano and rift zones of Tenerife, Canary Islands. <i>Bulletin of the Geological Society of America</i> , 2007 , 119, 1027-1051	3.9	163
8	The 1877 lahar deposits on the eastern flank of Cotopaxi volcano. <i>Geomorphologie Relief, Processus, Environnement</i> , 2007 , 13, 271-280	0.7	7
7	Faciès et transferts sédimentaires associés au tsunami du 26 décembre 2004 sur le littoral au nord-est de Banda Aceh (Sumatra, Indonésie). <i>Geomorphologie Relief, Processus, Environnement</i> , 2007 , 13, 335-346	0.7	6
6	Recent unrest at Canary Islands' Teide Volcano?. <i>Eos</i> , 2006 , 87, 462-465	1.5	7
5	Tsunami deposits related to flank collapse in oceanic volcanoes: The Agaete Valley evidence, Gran Canaria, Canary Islands. <i>Marine Geology</i> , 2006 , 227, 135-149	3.3	49
4	Volcanic and morphological evolution of La Gomera (Canary Islands), based on new K/Ar ages and magnetic stratigraphy: implications for oceanic island evolution. <i>Journal of the Geological Society</i> , 2005 , 162, 501-512	2.7	48
3	Implications for the early shield-stage evolution of Tenerife from K/Ar ages and magnetic stratigraphy. <i>Earth and Planetary Science Letters</i> , 2004 , 222, 599-614	5.3	116
2	. <i>Estudios Geológicos</i> , 2004 , 60,	0.3	6
1	Probabilistic Tsunami Hazard and Risk Analysis: A Review of Research Gaps. <i>Frontiers in Earth Science</i> , 9 ,	3.5	18