

# Brian F Atwater

## List of Publications by Year in descending order

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35  
papers

3,694  
citations

304743

22  
h-index

434195

31  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2029  
citing authors

#	ARTICLE	IF	CITATIONS
1	Predecessors of the giant 1960 Chile earthquake. <i>Nature</i> , 2005, 437, 404-407.	27.8	456
2	Unusually large earthquakes inferred from tsunami deposits along the Kuril trench. <i>Nature</i> , 2003, 424, 660-663.	27.8	426
3	Medieval forewarning of the 2004 Indian Ocean tsunami in Thailand. <i>Nature</i> , 2008, 455, 1228-1231.	27.8	314
4	Fault slip and seismic moment of the 1700 Cascadia earthquake inferred from Japanese tsunami descriptions. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	254
5	Summary of Coastal Geologic Evidence for past Great Earthquakes at the Cascadia Subduction Zone. <i>Earthquake Spectra</i> , 1995, 11, 1-18.	3.1	243
6	Long-Term Perspectives on Giant Earthquakes and Tsunamis at Subduction Zones. <i>Annual Review of Earth and Planetary Sciences</i> , 2007, 35, 349-374.	11.0	216
7	Geologic evidence for earthquakes during the past 2000 years along the Copalis River, southern coastal Washington. <i>Journal of Geophysical Research</i> , 1992, 97, 1901-1919.	3.3	181
8	Radiocarbon evidence for extensive plate-boundary rupture about 300 years ago at the Cascadia subduction zone. <i>Nature</i> , 1995, 378, 371-374.	27.8	160
9	Transient Uplift After a 17th-Century Earthquake Along the Kuril Subduction Zone. <i>Science</i> , 2004, 306, 1918-1920.	12.6	138
10	Tree-ring dating the 1700 Cascadia earthquake. <i>Nature</i> , 1997, 389, 922-923.	27.8	121
11	Sudden, probably coseismic submergence of Holocene trees and grass in coastal Washington State. <i>Geology</i> , 1991, 19, 706.	4.4	116
12	Radiocarbon test of earthquake magnitude at the Cascadia subduction zone. <i>Nature</i> , 1991, 353, 156-158.	27.8	93
13	Rethinking turbidite paleoseismology along the Cascadia subduction zone. <i>Geology</i> , 2014, 42, 827-830.	4.4	59
14	Periodic floods from glacial Lake Missoula into the Sanpoil arm of glacial Lake Columbia, northeastern Washington. <i>Geology</i> , 1984, 12, 464.	4.4	55
15	Seventeenth-century uplift in eastern Hokkaido, Japan. <i>Holocene</i> , 2004, 14, 487-501.	1.7	51
16	Geomorphic and stratigraphic evidence for an unusual tsunami or storm a few centuries ago at Anegada, British Virgin Islands. <i>Natural Hazards</i> , 2012, 63, 51-84.	3.4	51
17	Status of Glacial Lake Columbia during the Last Floods from Glacial Lake Missoula. <i>Quaternary Research</i> , 1987, 27, 182-201.	1.7	48
18	Net Late Holocene emergence despite earthquake-induced submergence, south-central Chile. <i>Quaternary International</i> , 1992, 15-16, 77-85.	1.5	45

#	ARTICLE	IF	CITATIONS
19	Rapid resetting of an estuarine recorder of the 1964 Alaska earthquake. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 1193-1204.	3.3	43
20	Earthquake recurrence inferred from paleoseismology. <i>Developments in Quaternary Sciences</i> , 2003, 1, 331-350.	0.1	39
21	Extreme waves in the British Virgin Islands during the last centuries before 1500 CE. , 2017, 13, 301-368.		34
22	Paleomagnetic correlation of late Holocene earthquakes among estuaries in Washington and Oregon. <i>Geochemistry, Geophysics, Geosystems</i> , 2004, 5, n/a-n/a.	2.5	30
23	Earthquake-induced burial of archaeological sites along the southern Washington coast about A.D. 1700. <i>Geoarchaeology - an International Journal</i> , 1996, 11, 165-177.	1.5	26
24	Renewal of Tidal Forests in Washington State after a Subduction Earthquake in A.D. 1700. <i>Quaternary Research</i> , 2001, 56, 139-147.	1.7	21
25	Stratigraphy of Late Quaternary Estuarine Deposits and Amino Acid Stereochemistry of Oyster Shells Beneath San Francisco Bay, California. <i>Quaternary Research</i> , 1981, 16, 181-200.	1.7	17
26	Grouted sediment slices show signs of earthquake shaking. <i>Eos</i> , 2001, 82, 603-603.	0.1	11
27	Elders Recall an Earlier Tsunami on Indian Ocean Shores. <i>Eos</i> , 2014, 95, 485-486.	0.1	9
28	El tsunami de 1960 en una planicie de cordones litorales cerca de Maullán, Chile: descenso tierra adentro, surcos renovados, abanicos agradados, múltiples predecesores.. <i>Andean Geology</i> , 2013, 40, .	0.5	8
29	Karachi tides during the 1945 Makran tsunami. <i>Geoscience Letters</i> , 2018, 5, .	3.3	5
30	Stratigraphic and geomorphic evidence for dozens of last-glacial floods. , 1989, , 37-50.		3
31	A tribute to George Plafker. <i>Quaternary Science Reviews</i> , 2015, 113, 3-7.	3.0	2
32	A digital elevation model for simulating the 1945 Makran tsunami in Karachi Harbour. <i>Geoscience Letters</i> , 2018, 5, .	3.3	2
33	Upper Grand Coulee: New views of a channeled scabland megafloods enigma. , 2021, , 245-300.		1
34	Linking middle-school teachers to EarthScope. <i>Eos</i> , 2006, 87, 257.	0.1	0
35	Observing the Greatest Earthquakes: AGU Chapman Conference on Giant Earthquakes and Their Tsunamis: Viña del Mar and Valparaíso, Chile, 16-20 May 2010. <i>Eos</i> , 2010, 91, 420-420.	0.1	0