

# John Orcutt

## List of Publications by Year in descending order

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24  
papers

869  
citations

759055

12  
h-index

940416

16  
g-index

25  
all docs

25  
docs citations

25  
times ranked

550  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new look at the seismic velocity structure of the oceanic crust. <i>Reviews of Geophysics</i> , 1980, 18, 627-645.	9.0	270
2	Petrology and porosity of an oceanic crustal site: Results from wave form modeling of seismic refraction data. <i>Journal of Geophysical Research</i> , 1980, 85, 1409-1433.	3.3	197
3	Magma distribution across ridge-axis discontinuities on the East Pacific Rise from multichannel seismic images. <i>Nature</i> , 1988, 336, 156-158.	13.7	78
4	A low velocity zone underlying a fast-spreading rise crest. <i>Nature</i> , 1975, 256, 475-476.	13.7	76
5	Synthesis of realistic oceanic <i>P<sub>n</sub></i> wave trains. <i>Journal of Geophysical Research</i> , 1985, 90, 12755-12776.	3.3	38
6	Multipurpose Acoustic Networks in the Integrated Arctic Ocean Observing System. <i>Arctic</i> , 2015, 68, 11.	0.2	37
7	SEISMOLOGY:Monitoring Nuclear Tests. , 1998, 281, 1967-1968.		34
8	Automated Sensor Network to Advance Ocean Science. <i>Eos</i> , 2010, 91, 345-346.	0.1	32
9	Short and long baseline tiltmeter measurements on axial seamount, Juan de Fuca Ridge. <i>Physics of the Earth and Planetary Interiors</i> , 1998, 108, 129-141.	0.7	25
10	Extremal travel time inversion of explosion seismology data from the Eastern Snake River Plain, Idaho. <i>Journal of Geophysical Research</i> , 1982, 87, 2634-2642.	3.3	20
11	Collaborative data visualization for Earth Sciences with the OptIPuter. <i>Future Generation Computer Systems</i> , 2006, 22, 955-963.	4.9	16
12	Constraints on crustal structure in eastern Iceland based on extremal inversions of refraction data. <i>Journal of Geophysical Research</i> , 1982, 87, 6371-6382.	3.3	15
13	Facilitating open exchange of data and information. <i>Earth Science Informatics</i> , 2015, 8, 721-739.	1.6	15
14	OCean Observatories Initiative Scientific Data Model. , 2011, , .		4
15	ROADNet: A network of SensorNets. <i>Local Computer Networks (LCN), Proceedings of the IEEE Conference on</i> , 2006, , .	0.0	3
16	Long-Term Observations in Acousticsâ€”The Ocean Acoustic Observatory Federation. <i>Oceanography</i> , 2000, 13, 57-63.	0.5	3
17	HiSeasNet: Oceanographic ships join the grid. <i>Eos</i> , 2006, 87, 174.	0.1	2
18	The Approach to Cyberinfrastructure for the Ocean Observatories Initiative. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
19	AGU's electronic publishing strategies. <i>Eos</i> , 1998, 79, 29-29.	0.1	0
20	The Ocean Research Interactive Observatory Networks (ORION) program. <i>Eos</i> , 2003, 84, 411-415.	0.1	0
21	The Cecil H. and Ida M. Green Institute of Geophysics and Planetary Physics (IGPP). <i>Oceanography</i> , 2003, 16, 34-44.	0.5	0
22	The Extended Draft Platform: A deep-ocean observatory. , 2008, , .		0
23	A U.S. human resource challenge for Earth science education and energy exploration and exploitation. <i>The Leading Edge</i> , 2012, 31, 714-716.	0.4	0
24	Thank You to Our 2017 Peer Reviewers. <i>Earth and Space Science</i> , 2018, 5, 350-351.	1.1	0