

# Eric Firing

## List of Publications by Year in descending order

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49  
papers

3,033  
citations

172207

29  
h-index

197535

49  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Abyssal Mixing Inferred from Lowered ADCP Shear and CTD Strain Profiles. <i>Journal of Physical Oceanography</i> , 2006, 36, 1553-1576.	0.7	395
2	Source waters of the Pacific Equatorial Undercurrent. <i>Progress in Oceanography</i> , 1989, 23, 101-147.	1.5	258
3	Observations of the Mindanao Current during the western equatorial Pacific Ocean circulation study. <i>Journal of Geophysical Research</i> , 1991, 96, 7089-7104.	3.3	251
4	The Western Equatorial Pacific Ocean Circulation Study. <i>Nature</i> , 1987, 330, 533-537.	13.7	240
5	Equatorial Pacific Ocean Horizontal Velocity, Divergence, and Upwelling*. <i>Journal of Physical Oceanography</i> , 2001, 31, 839-849.	0.7	151
6	Eastern Pacific oxygen minimum zones: Supply paths and multidecadal changes. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	118
7	Deep zonal currents in the central equatorial Pacific. <i>Journal of Marine Research</i> , 1987, 45, 791-812.	0.3	108
8	The Finescale Response of Lowered ADCP Velocity Profiles. <i>Journal of Atmospheric and Oceanic Technology</i> , 2002, 19, 205-224.	0.5	104
9	Variation of the western equatorial Pacific Ocean, 1986–1988. <i>Journal of Geophysical Research</i> , 1992, 97, 5423-5445.	3.3	85
10	The mean structure and variability of the Mindanao Current at 8°N. <i>Journal of Geophysical Research</i> , 1995, 100, 18421.	3.3	80
11	Multiple deep gyres of the western North Pacific: A WOCE section along 149°E. <i>Journal of Geophysical Research</i> , 1998, 103, 12985-13009.	3.3	79
12	Direct Observations of the Ekman Balance at 10°N in the Pacific. <i>Journal of Physical Oceanography</i> , 1994, 24, 1666-1679.	0.7	76
13	The Annual Rossby Wave in the Central Equatorial Pacific Ocean. <i>Journal of Physical Oceanography</i> , 1985, 15, 55-67.	0.7	75
14	Equatorial subthermocline currents across the Pacific. <i>Journal of Geophysical Research</i> , 1998, 103, 21413-21423.	3.3	74
15	Pacific Equatorial Subsurface Countercurrent Velocity, Transport, and Potential Vorticity*. <i>Journal of Physical Oceanography</i> , 2000, 30, 1172-1187.	0.7	74
16	The geostrophic balance of the Pacific Equatorial Undercurrent. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1984, 31, 61-66.	1.6	71
17	Bay of Bengal currents during the Northeast Monsoon. <i>Geophysical Research Letters</i> , 1998, 25, 2769-2772.	1.5	56
18	Deep Equatorial Ocean Circulation Induced by a Forced Dissipated Yanai Beam*. <i>Journal of Physical Oceanography</i> , 2010, 40, 1118-1142.	0.7	56

#	ARTICLE	IF	CITATIONS
19	The Behavior of a Barotropic Eddy on a $\hat{f}^2$ -Plane. <i>Journal of Physical Oceanography</i> , 1976, 6, 57-65.	0.7	51
20	Subthermocline and Intermediate Zonal Currents in the Tropical Pacific Ocean: Paths and Vertical Structure. <i>Journal of Physical Oceanography</i> , 2017, 47, 2305-2324.	0.7	46
21	Currents in the Celebes and Maluku Seas, February 1999. <i>Geophysical Research Letters</i> , 2001, 28, 1263-1266.	1.5	45
22	Near-Surface Frontal Zone Trapping and Deep Upward Propagation of Internal Wave Energy in the Japan/East Sea. <i>Journal of Physical Oceanography</i> , 2003, 33, 900-912.	0.7	42
23	Mixed-Layer Shear Generated by Wind Stress in the Central Equatorial Pacific. <i>Journal of Physical Oceanography</i> , 1990, 20, 1576-1582.	0.7	40
24	Physical and biological controls of nitrate concentrations in the upper subtropical North Pacific Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 93, 119-134.	0.6	39
25	The Deep Equatorial Ocean Circulation in Wind-Forced Numerical Solutions. <i>Journal of Physical Oceanography</i> , 2015, 45, 1709-1734.	0.7	38
26	Time-Dependent Island Rule and Its Application to the Time-Varying North Hawaiian Ridge Current*. <i>Journal of Physical Oceanography</i> , 1999, 29, 2671-2688.	0.7	34
27	Comparison of three velocity sections of the Agulhas Current and Agulhas Undercurrent. <i>Journal of Geophysical Research</i> , 2000, 105, 28585-28593.	3.3	32
28	Improving the Quality and Accessibility of Current Profile Measurements in the Southern Ocean. <i>Oceanography</i> , 2012, 25, 164-165.	0.5	32
29	Direct observations of the current structure east of the Bahamas. <i>Geophysical Research Letters</i> , 1996, 23, 1127-1130.	1.5	31
30	Observations of strong inertial oscillations after the passage of Tropical Cyclone Ofa. <i>Journal of Geophysical Research</i> , 1997, 102, 3317-3322.	3.3	31
31	The Potential Vorticity Structure of Equatorial Deep Jets. <i>Journal of Physical Oceanography</i> , 1994, 24, 418-428.	0.7	23
32	Mean zonal currents below 1500 m near the equator, 159°W. <i>Journal of Geophysical Research</i> , 1989, 94, 2023-2028.	3.3	20
33	Absolute geostrophic velocity within the Subantarctic Front in the Pacific Ocean. <i>Journal of Geophysical Research</i> , 2001, 106, 19869-19882.	3.3	17
34	A Direct Comparison of Two RDI Shipboard ADCPs: A 75-kHz Ocean Surveyor and a 150-kHz Narrow Band*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2003, 20, 872-888.	0.5	17
35	The estimation of gross oxygen production and community respiration from autonomous time-series measurements in the oligotrophic ocean. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 650-664.	1.0	17
36	Semidiurnal tides observed in the western equatorial Pacific during the Tropical Ocean-Global Atmosphere Coupled Ocean-Atmosphere Response Experiment. <i>Journal of Geophysical Research</i> , 1998, 103, 10253-10272.	3.3	16

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37	Temperature measurements in the upper 10 m with modified expendable bathythermograph probes. <i>Journal of Geophysical Research</i> , 1974, 79, 4110-4111.	3.3	15
38	Currents observed north of Oahu during the first five years of HOT. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 1996, 43, 281-303.	0.6	14
39	Equatorial Pacific Subsurface Countercurrents: A Modelâ€œData Comparison in Stream Coordinates*. <i>Journal of Physical Oceanography</i> , 2002, 32, 1252-1264.	0.7	13
40	Inertial Oscillations in Geostrophic Flow: Is the Inertial Frequency Shifted by $\hat{\nu}/2$ or by $\hat{\nu}$ ? <i>Journal of Physical Oceanography</i> , 2012, 42, 884-888.	0.7	13
41	Meridional transport of the North Pacific Intermediate Water in the Kuroshio-Oyashio Interfrontal Zone. <i>Geophysical Research Letters</i> , 2001, 28, 3445-3448.	1.5	12
42	Sampling and aliasing during the NORPAX Hawaiiâ€œTahiti Shuttle Experiment. <i>Journal of Geophysical Research</i> , 1985, 90, 11709-11718.	3.3	9
43	On the hydrostatic balance and equatorial geostrophy. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1988, 35, 1255-1257.	1.6	7
44	Currents in the Aleutian Basin and subarctic North Pacific near the dateline in summer 1993. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	7
45	Observations of Near-Inertial Surface Currents at Palau. <i>Oceanography</i> , 2019, 32, 74-83.	0.5	6
46	Comparison of profiling and moored current measurements in the equatorial Pacific. <i>Journal of Geophysical Research</i> , 1984, 89, 3724-3728.	3.3	4
47	Shallow equatorial jets. <i>Journal of Geophysical Research</i> , 1988, 93, 9213-9222.	3.3	4
48	Comments on â€œA Theory of Equatorial Deep Jetsâ€œ. <i>Journal of Physical Oceanography</i> , 2004, 34, 1781-1790.	0.7	1
49	Transition from Balanced to Unbalanced Motion in the Eastern Tropical Pacific. <i>Journal of Physical Oceanography</i> , 2022, 52, 1775-1795.	0.7	0