

Angel Ruiz-Angulo

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

438
citations

687363

13
h-index

752698

20
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28
all docs

28
docs citations

28
times ranked

709
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep embrittlement and complete rupture of the lithosphere during the Mw 8.2 Tehuantepec earthquake. <i>Nature Geoscience</i> , 2018, 11, 955-960.	12.9	42
2	Hydrography of the Central and Western Gulf of Mexico. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5134-5149.	2.6	37
3	The Vertical Structure of a Loop Current Eddy. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6070-6090.	2.6	35
4	The 8 September 2017 Tsunami Triggered by the Mw 8.2 Intraplate Earthquake, Chiapas, Mexico. <i>Pure and Applied Geophysics</i> , 2018, 175, 25-34.	1.9	32
5	Solving the mystery of booming sand dunes. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	31
6	Probabilistic Tsunami Hazard Analysis of the Pacific Coast of Mexico: Case Study Based on the 1995 Colima Earthquake Tsunami. <i>Frontiers in Built Environment</i> , 2017, 3, .	2.3	28
7	Variability of the Mixed-Layer Height Over Mexico City. <i>Boundary-Layer Meteorology</i> , 2018, 167, 493-507.	2.3	27
8	Measurements of the coefficient of restitution for particle collisions with ductile surfaces in a liquid. <i>Granular Matter</i> , 2010, 12, 185-191.	2.2	25
9	Intrathermocline Eddies Embedded Within an Anticyclonic Vortex Ring. <i>Geophysical Research Letters</i> , 2018, 45, 7624-7633.	4.0	25
10	Heat Content Anomaly and Decay of Warm Core Rings: the Case of the Gulf of Mexico. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085600.	4.0	17
11	Long Lived Tsunami Edge Waves and Shelf Resonance From the M8.2 Tehuantepec Earthquake. <i>Geophysical Research Letters</i> , 2018, 45, 12,414.	4.0	16
12	Drift by air bubbles crossing an interface of a stratified medium at moderate Reynolds number. <i>International Journal of Multiphase Flow</i> , 2016, 85, 258-266.	3.4	15
13	Estimating the Impact of Seep Methane Oxidation on Ocean pH and Dissolved Inorganic Radiocarbon Along the U.S. Mid-Atlantic Bight. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2021, 126, .	3.0	13
14	Vertical kinetic energy and turbulent dissipation in the ocean. <i>Geophysical Research Letters</i> , 2015, 42, 7639-7647.	4.0	11
15	Tsunami Source Inversion Using Tide Gauge and DART Tsunami Waveforms of the 2017 Mw8.2 Mexico Earthquake. <i>Pure and Applied Geophysics</i> , 2018, 175, 35-48.	1.9	11
16	Surface deformation and rebound for normal single-particle collisions in a surrounding fluid. <i>Journal of Fluid Mechanics</i> , 2019, 871, 1044-1066.	3.4	10
17	Impacts of the Desiccated Lake System on Precipitation in the Basin of Mexico City. <i>Atmosphere</i> , 2019, 10, 628.	2.3	9
18	Surface Methane Concentrations Along the Mid-Atlantic Bight Driven by Aerobic Subsurface Production Rather Than Seafloor Gas Seeps. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015989.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Influence of Stratification and Yucatan Current Transport on the Loop Current Eddy Shedding Process. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, .	2.6	9
20	Energetic Rupture and Tsunamigenesis during the 2020 Mw 7.4 La Crucecita, Mexico Earthquake. <i>Seismological Research Letters</i> , 2021, 92, 140-150.	1.9	8
21	Fluid velocity fluctuations in a collision of a sphere with a wall. <i>Physics of Fluids</i> , 2011, 23, .	4.0	6
22	Was the 9 October 1995 Mw 8 Jalisco, Mexico, Earthquake a Near-Trench Event?. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8907-8925.	3.4	6
23	A Seasonal Climatology of the Mexico City Atmospheric Boundary Layer. <i>Boundary-Layer Meteorology</i> , 2021, 180, 131-154.	2.3	6
24	Reply to comment by B. Andreotti et al. on "Solving the mystery of booming sand dunes". <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	5
25	Overturning Instabilities Across a Warm Core Ring From Glider Observations. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	4
26	Internal solitary waves on the NW African shelf: A heuristic approach to localize diapycnal mixing hotspots. <i>Continental Shelf Research</i> , 2021, 226, 104492.	1.8	1
27	Internal Wave Observations in the Petacalco Canyon, Mexico. <i>Environmental Science and Engineering</i> , 2016, , 203-213.	0.2	0