

Francesco Nencioli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/529798/publications.pdf>

Version: 2024-02-01

45
papers

2,130
citations

361296

20
h-index

265120

42
g-index

48
all docs

48
docs citations

48
times ranked

2652
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of Requirements, Procedures and Current Advances in the Calibration/Validation of Radar Altimeters. <i>Remote Sensing</i> , 2021, 13, 125.	1.8	20
2	Variability of mackerel fish catch and remotely-sensed biophysical controls in the eastern Pemba Channel. <i>Ocean and Coastal Management</i> , 2021, 207, 105593.	2.0	6
3	Productivity driven by Tana river discharge is spatially limited in Kenyan coastal waters. <i>Ocean and Coastal Management</i> , 2021, 211, 105713.	2.0	3
4	A Major Ecosystem Shift in Coastal East African Waters During the 1997/98 Super El Niño as Detected Using Remote Sensing Data. <i>Remote Sensing</i> , 2020, 12, 3127.	1.8	13
5	Round Robin Assessment of Radar Altimeter Low Resolution Mode and Delay-Doppler Retracking Algorithms for Significant Wave Height. <i>Remote Sensing</i> , 2020, 12, 1254.	1.8	28
6	Comparison of Above-Water Seabird and TriOS Radiometers along an Atlantic Meridional Transect. <i>Remote Sensing</i> , 2020, 12, 1669.	1.8	10
7	The Roles of the S3MPC: Monitoring, Validation and Evolution of Sentinel-3 Altimetry Observations. <i>Remote Sensing</i> , 2020, 12, 1763.	1.8	31
8	Shelfâ€Break Upwelling and Productivity Over the North Kenya Banks: The Importance of Largeâ€Scale Ocean Dynamics. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015519.	1.0	29
9	Drivers of spectral optical scattering by particles in the upper 500 m of the Atlantic Ocean. <i>Optics Express</i> , 2020, 28, 34147.	1.7	13
10	Ecoregions in the Mediterranean Sea Through the Reanalysis of Phytoplankton Functional Types and Carbon Fluxes. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6737-6759.	1.0	16
11	Evaluation of Sentinel-3A Wave Height Observations Near the Coast of Southwest England. <i>Remote Sensing</i> , 2019, 11, 2998.	1.8	17
12	Exploring the synergy between along-track altimetry and tracer fronts to reconstruct surface ocean currents. <i>Remote Sensing of Environment</i> , 2018, 216, 747-757.	4.6	2
13	Development of an ENVISAT Altimetry Processor Providing Sea Level Continuity Between Open Ocean and Arctic Leads. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 5299-5319.	2.7	28
14	Lagrangian ocean analysis: Fundamentals and practices. <i>Ocean Modelling</i> , 2018, 121, 49-75.	1.0	313
15	Agulhas Ring Transport Efficiency From Combined Satellite Altimetry and Argo Profiles. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 5874-5888.	1.0	23
16	A review of the LATEX project: mesoscale to submesoscale processes in a coastal environment. <i>Ocean Dynamics</i> , 2017, 67, 513-533.	0.9	29
17	Determination of the absorption coefficient of chromophoric dissolved organic matter from underway spectrophotometry. <i>Optics Express</i> , 2017, 25, A1079.	1.7	15
18	Ensuring that the Sentinel-3A altimeter provides climate-quality data. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Assessing altimetry close to the coast. , 2017, , .		0
20	Diagnosing cross-shelf transport along an ocean front: An observational case study in the Gulf of Lion. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7218-7243.	1.0	9
21	Lateral diffusivity coefficients from the dynamics of a SF6 patch in a coastal environment. <i>Journal of Marine Systems</i> , 2016, 153, 42-54.	0.9	2
22	Surface Salinity in the North Atlantic Subtropical Gyre During the STRASSE/SPURS Summer 2012 Cruise. <i>Oceanography</i> , 2015, 28, 114-123.	0.5	17
23	The biogeochemical structuring role of horizontal stirring: Lagrangian perspectives on iron delivery downstream of the Kerguelen Plateau. <i>Biogeosciences</i> , 2015, 12, 5567-5581.	1.3	69
24	Surface transport in the Northeastern Adriatic Sea from FSLE analysis of HF radar measurements. <i>Continental Shelf Research</i> , 2014, 77, 14-23.	0.9	17
25	Lagrangian analysis of satellite-derived currents: Application to the North Western Mediterranean coastal dynamics. <i>Advances in Space Research</i> , 2014, 53, 788-801.	1.2	15
26	Physical characteristics and dynamics of the coastal Eddy derived from in situ data and numerical modeling. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 399-409.	1.0	20
27	In situ estimates of submesoscale horizontal eddy diffusivity across an ocean front. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 7066-7080.	1.0	26
28	A Software Package and Hardware Tools for in situ Experiments in a Lagrangian Reference Frame. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 1940-1950.	0.5	15
29	Introduction to special section on Recent Advances in the Study of Optical Variability in the Near-Surface and Upper Ocean. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	19
30	Eddy analysis in the subtropical zonal band of the North Pacific Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 68, 54-67.	0.6	146
31	Three-dimensional oceanic eddy analysis in the Southern California Bight from a numerical product. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	86
32	Surface coastal circulation patterns by in-situ detection of Lagrangian coherent structures. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	46
33	An Automated Approach to Detect Oceanic Eddies From Satellite Remotely Sensed Sea Surface Temperature Data. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011, 8, 1055-1059.	1.4	95
34	Optical Characterization of an Eddy-induced Diatom Bloom West of the Island of Hawaii. <i>Biogeosciences</i> , 2010, 7, 151-162.	1.3	14
35	Platform effects on optical variability and prediction of underwater visibility. <i>Applied Optics</i> , 2010, 49, 2784.	2.1	7
36	A Vector Geometry-Based Eddy Detection Algorithm and Its Application to a High-Resolution Numerical Model Product and High-Frequency Radar Surface Velocities in the Southern California Bight. <i>Journal of Atmospheric and Oceanic Technology</i> , 2010, 27, 564-579.	0.5	363

#	ARTICLE	IF	CITATIONS
37	An oceanic cyclonic eddy on the lee side of Lanai Island, Hawai'i. Journal of Geophysical Research, 2009, 114, .	3.3	41
38	A process-oriented model study of equatorial Pacific phytoplankton: The role of iron supply and tropical instability waves. Progress in Oceanography, 2008, 78, 147-162.	1.5	17
39	Physical and bio-optical observations of oceanic cyclones west of the island of Hawai'i. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 1195-1217.	0.6	55
40	Physical dynamics and biological implications of Cyclone Noah in the lee of Hawai'i during E-Flux I. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 1231-1251.	0.6	25
41	The transient oasis: Nutrient-phytoplankton dynamics and particle export in Hawaiian lee cyclones. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 1275-1290.	0.6	74
42	Physical dynamics and biological implications of a mesoscale eddy in the lee of Hawai'i: Cyclone Opal observations during E-Flux III. Deep-Sea Research Part II: Topical Studies in Oceanography, 2008, 55, 1252-1274.	0.6	74
43	Mesoscale Eddies Drive Increased Silica Export in the Subtropical Pacific Ocean. Science, 2007, 316, 1017-1021.	6.0	249
44	Ocean Lagrangian Trajectories (OLTraj): Lagrangian analysis for non-expert users. Open Research Europe, 0, 1, 117.	2.0	0
45	Ocean Lagrangian Trajectories (OLTraj): Lagrangian analysis for non-expert users. Open Research Europe, 0, 1, 117.	2.0	0