

# Luigi Lazzara

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

876  
citations

567247

15  
h-index

477281

29  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variations in the spectral values of specific absorption of phytoplankton. <i>Limnology and Oceanography</i> , 1987, 32, 403-415.	3.1	255
2	Growth rate and quantum yield time response for a diatom to changing irradiances (energy and) Tj ETQq0 0 0 rgBT <sub>3</sub> /Overlock <sub>10</sub> Tf 50 7	3.1	79
3	Relationships linking primary production, sea ice melting, and biogenic aerosol in the Arctic. <i>Atmospheric Environment</i> , 2016, 136, 1-15.	4.1	66
4	Structural and functional properties of sympagic communities in the annual sea ice at Terra Nova Bay (Ross Sea, Antarctica). <i>Polar Biology</i> , 2000, 23, 137-146.	1.2	57
5	Responses of growth rate, pigment composition and optical properties of <i>Cryptomonas</i> sp. to light and nitrogen stresses. <i>Marine Ecology - Progress Series</i> , 2000, 201, 107-120.	1.9	43
6	Light environment and seasonal dynamics of microalgae in the annual sea ice at Terra Nova Bay, Ross Sea, Antarctica. <i>Antarctic Science</i> , 2007, 19, 83-92.	0.9	40
7	Spectral absorption and fluorescence excitation properties of phytoplanktonic populations at a mesotrophic and an oligotrophic site in the tropical North Atlantic (EUMELI program). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1996, 43, 1215-1240.	1.4	33
8	Relationship between methanesulfonate (MS <sup>â</sup> ) in atmospheric particulate and remotely sensed phytoplankton activity in oligo-mesotrophic central Mediterranean Sea. <i>Atmospheric Environment</i> , 2013, 79, 681-688.	4.1	29
9	<i>Agrobacterium rhizogenes</i> rolB gene affects photosynthesis and chlorophyll content in transgenic tomato ( <i>Solanum lycopersicum</i> L.) plants. <i>Journal of Plant Physiology</i> , 2016, 204, 27-35.	3.5	25
10	Effects of the density of an invasive crayfish ( <i>Procambarus clarkii</i> ) on pelagic and surface microalgae in a Mediterranean wetland. <i>Archiv FÃ¼r Hydrobiologie</i> , 2006, 165, 401-414.	1.1	23
11	Spring-time dynamics of diatom communities in landfast and underlying platelet ice in Terra Nova Bay, Ross Sea, Antarctica. <i>Journal of Marine Systems</i> , 2017, 166, 26-36.	2.1	21
12	On the discrimination of multiple phytoplankton groups from light absorption spectra of assemblages with mixed taxonomic composition and variable light conditions. <i>Applied Optics</i> , 2017, 56, 3952.	2.1	19
13	DOES BLUE LIGHT AFFECT THE GROWTH OF CHAETOCEROS PROTUBERANS (BAGILLARIOPHYCEAE)?. <i>Journal of Phycology</i> , 1986, 22, 63-71.	2.3	18
14	Biogeochemistry and algal communities in the annual sea ice at Terra Nova Bay (Ross Sea, Antarctica). <i>Chemistry and Ecology</i> , 2004, 20, 43-55.	1.6	18
15	Biogenic Aerosol in the Arctic from Eight Years of MSA Data from Ny Å...lesund (Svalbard Islands) and Thule (Greenland). <i>Atmosphere</i> , 2019, 10, 349.	2.3	17
16	THE FUNCTION OF WANDERING IN THE SAND-BUBBLER CRAB, DOTILLA FENESTRATA. <i>Journal of Crustacean Biology</i> , 2002, 22, 521-531.	0.8	12
17	Sub-regional patterns of primary production annual cycle in the Ligurian and North Tyrrhenian seas, from satellite data. <i>European Journal of Remote Sensing</i> , 2010, , 87-102.	0.2	12
18	Optical characterization of coastal lagoons in Tunisia: Ecological assessment to underpin conservation. <i>Ecological Informatics</i> , 2013, 14, 79-83.	5.2	11

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19	Reflectance spectra classification for the rapid assessment of water ecological quality in Mediterranean ports. <i>Oceanologia</i> , 2019, 61, 445-459.	2.2	10
20	Analysis of Chlorophyll-a and Primary Production Dynamics in North Tyrrhenian and Ligurian Coastal Neritic and Oceanic Waters. <i>Journal of Coastal Research</i> , 2015, 313, 690-701.	0.3	8
21	Phytoplankton Biomass Related to Environmental Factors in the Ross Sea. , 2000, , 217-230.		8
22	Spatial and Temporal Distribution of Phytoplankton Assemblages in the Ross Sea. , 2000, , 231-245.		8
23	Biogenic aerosol in central East Antarctic Plateau as a proxy for the ocean-atmosphere interaction in the Southern Ocean. <i>Science of the Total Environment</i> , 2022, 810, 151285.	8.0	8
24	Le microalghe simpagiche di Baia Terra Nova (Antartide), nell'estate 1994/95. <i>Giornale Botanico Italiano</i> (Florence, Italy: 1962), 1995, 129, 425-425.	0.0	7
25	Ciclo annuale del fitoplancton nelle acque costiere del Parco Naturale della Maremma II. Flora e variazioni delle comunit�. <i>Giornale Botanico Italiano</i> (Florence, Italy: 1962), 1980, 114, 199-215.	0.0	6
26	Effect of far-red light exposure on photosynthesis and photoprotection in tomato plants transgenic for the <i>Agrobacterium rhizogenes</i> rolB gene. <i>Journal of Plant Physiology</i> , 2020, 245, 153095.	3.5	6
27	Photosynthetic Parameters, Irradiance, Biooptical Properties and Production Estimates in the Western Ross Sea. , 2000, , 259-273.		6
28	Factors controlling atmospheric DMS and its oxidation products (MSA and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (nssSO<sub>4</sub> Chemistry and Physics, 2022, 22, 9245-9263.	4.9	6
29	Assessment of three algorithms for the operational estimation of [CHL] from MODIS data in the Western Mediterranean Sea. <i>European Journal of Remote Sensing</i> , 2015, 48, 383-401.	3.5	5
30	Structural and ultrastructure changes show an increase in amoeboid forms in <i>Heterosigma akashiwo</i> (Raphidophyceae), during recovery after nutrient depletion. <i>Plant Biosystems</i> , 2017, 151, 965-973.	1.6	4
31	<title>Spectrofluorometric phytoplankton and seawater characterization during the XIII Italian Antarctic mission</title>. , 1999, , .		3
32	ASSESSING SUBSTRATE QUALITY BY THE SAND-BUBBLER CRAB, DOTILLA FENESTRATA (BRACHYURA,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (nssSO<sub>4</sub>	0.8	3
33	<title>Photoacclimation strategy of <i>Prochlorococcus</i> sp. and consequences on large scale variations of photosynthetic parameters</title>. , 1997, , .		2
34	Characterisation of a Tunisian coastal lagoon through hyperspectral underwater irradiance. <i>African Journal of Aquatic Science</i> , 2016, 41, 217-225.	1.1	2
35	Evaluation of Landsat-8 OLI and Sentinel-2 MSI images for estimating the ecological quality of port waters. <i>European Journal of Remote Sensing</i> , 2021, 54, 281-295.	3.5	2
36	<i>Fibrocapsa japonica</i> (Raphidophyceae) occurrence and ecological features within the phytoplankton assemblage of a cyclonic eddy, offshore the Eastern Alboran Sea.. <i>Mediterranean Marine Science</i> , 2014, 15, 250.	1.6	2

#	ARTICLE	IF	CITATIONS
37	<title>SYMPLEX experiment: first results on oceanic mesoscale dynamics and related primary production from AVHRR and SeaWiFS satellite data and field experiments</title>. , 1998, 3496, 137.		1
38	Phyto-VFP: a new bio-optical model of pelagic primary production based on variable fluorescence measures. Journal of Marine Systems, 2020, 204, 103304.	2.1	1