

Sakina-Dorothe Ayata

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,230
citations

471509

17
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	Machine Learning for the Study of Plankton and Marine Snow from Images. <i>Annual Review of Marine Science</i> , 2022, 14, 277-301.	11.6	51
2	Patterns of mesozooplankton community composition and vertical fluxes in the global ocean. <i>Progress in Oceanography</i> , 2022, 200, 102717.	3.2	16
3	Length, width, shape regularity, and chain structure: time series analysis of phytoplankton morphology from imagery. <i>Limnology and Oceanography</i> , 2022, 67, 1850-1864.	3.1	6
4	Functional trait-based approaches as a common framework for aquatic ecologists. <i>Limnology and Oceanography</i> , 2021, 66, 965-994.	3.1	99
5	Trait-based approach using in situ copepod images reveals contrasting ecological patterns across an Arctic ice melt zone. <i>Limnology and Oceanography</i> , 2021, 66, 1155-1167.	3.1	30
6	Towards omics-based predictions of planktonic functional composition from environmental data. <i>Nature Communications</i> , 2021, 12, 4361.	12.8	16
7	Globally Consistent Quantitative Observations of Planktonic Ecosystems. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	234
8	Climate change may have minor impact on zooplankton functional diversity in the Mediterranean Sea. <i>Diversity and Distributions</i> , 2019, 25, 568-581.	4.1	26
9	Mixotrophic protists display contrasted biogeographies in the global ocean. <i>ISME Journal</i> , 2019, 13, 1072-1083.	9.8	55
10	Do functional groups of planktonic copepods differ in their ecological niches?. <i>Journal of Biogeography</i> , 2018, 45, 604-616.	3.0	45
11	Investigating uncertainties in zooplankton composition shifts under climate change scenarios in the Mediterranean Sea. <i>Ecography</i> , 2018, 41, 345-360.	4.5	19
12	Regionalisation of the Mediterranean basin, a MERMEX synthesis. <i>Progress in Oceanography</i> , 2018, 163, 7-20.	3.2	65
13	Biogeochemical regions of the Mediterranean Sea: An objective multidimensional and multivariate environmental approach. <i>Progress in Oceanography</i> , 2017, 151, 138-148.	3.2	36
14	Mare Incognitum: A Glimpse into Future Plankton Diversity and Ecology Research. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	10
15	Identifying copepod functional groups from species functional traits. <i>Journal of Plankton Research</i> , 2016, 38, 159-166.	1.8	155
16	Modelling the effect of temperature on phytoplankton growth across the global ocean. <i>IFAC-PapersOnLine</i> , 2015, 48, 228-233.	0.9	14
17	A MSFD complementary approach for the assessment of pressures, knowledge and data gaps in Southern European Seas: The PERSEUS experience. <i>Marine Pollution Bulletin</i> , 2015, 95, 28-39.	5.0	41
18	Phytoplankton plasticity drives large variability in carbon fixation efficiency. <i>Geophysical Research Letters</i> , 2014, 41, 8994-9000.	4.0	13

#	ARTICLE	IF	CITATIONS
19	Phytoplankton growth formulation in marine ecosystem models: Should we take into account photo-acclimation and variable stoichiometry in oligotrophic areas?. <i>Journal of Marine Systems</i> , 2013, 125, 29-40.	2.1	38
20	Meroplankton distribution and its relationship to coastal mesoscale hydrological structure in the northern Bay of Biscay (NE Atlantic). <i>Journal of Plankton Research</i> , 2011, 33, 1193-1211.	1.8	25
21	Does larval supply explain the low proliferation of the invasive gastropod <i>Crepidula fornicata</i> in a tidal estuary?. <i>Biological Invasions</i> , 2010, 12, 3171-3186.	2.4	19
22	Biophysical modelling to investigate the effects of climate change on marine population dispersal and connectivity. <i>Progress in Oceanography</i> , 2010, 87, 106-113.	3.2	89
23	How does the connectivity between populations mediate range limits of marine invertebrates? A case study of larval dispersal between the Bay of Biscay and the English Channel (North-East Atlantic). <i>Progress in Oceanography</i> , 2010, 87, 18-36.	3.2	73
24	Modelling larval dispersal and settlement of the reef-building polychaete <i>Sabellaria alveolata</i> : Role of hydroclimatic processes on the sustainability of biogenic reefs. <i>Continental Shelf Research</i> , 2009, 29, 1605-1623.	1.8	54