

Alenka Malej

List of Publications by Year in descending order

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69
papers

2,792
citations

172457

29
h-index

182427

51
g-index

79
all docs

79
docs citations

79
times ranked

2524
citing authors

#	ARTICLE	IF	CITATIONS
1	Recurrent jellyfish blooms are a consequence of global oscillations. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1000-1005.	7.1	378
2	Questioning the Rise of Gelatinous Zooplankton in the World's Oceans. BioScience, 2012, 62, 160-169.	4.9	257
3	Is global ocean sprawl a cause of jellyfish blooms?. Frontiers in Ecology and the Environment, 2013, 11, 91-97.	4.0	231
4	Recurrence of bloom-forming scyphomedusae: wavelet analysis of a 200-year time series. Hydrobiologia, 2010, 645, 81-96.	2.0	107
5	Plankton trends and community changes in a coastal sea (northern Adriatic): Bottom-up vs. top-down control in relation to environmental drivers. Estuarine, Coastal and Shelf Science, 2012, 115, 138-148.	2.1	102
6	Seasonal and inter-annual plankton variability in the Gulf of Trieste (northern Adriatic). ICES Journal of Marine Science, 1998, 55, 711-722.	2.5	82
7	Direct and indirect trophic interactions of Aurelia sp. (Scyphozoa) in a stratified marine environment (Mljet Lakes, Adriatic Sea). Marine Biology, 2007, 151, 827-841.	1.5	77
8	Behaviour and trophic ecology of the jellyfish Pelagia noctiluca (Forsskål, 1775). Journal of Experimental Marine Biology and Ecology, 1989, 126, 259-270.	1.5	69
9	Cell lysis and release of particulate polysaccharides in extensive marine mucilage assessed by lipid biomarkers and molecular probes. Marine Ecology - Progress Series, 1997, 153, 45-57.	1.9	69
10	Bottom layer anoxia in the central part of the Gulf of Trieste in the late summer of 1983. Marine Pollution Bulletin, 1985, 16, 75-78.	5.0	68
11	Jellyfish Modulate Bacterial Dynamic and Community Structure. PLoS ONE, 2012, 7, e39274.	2.5	63
12	Native and non-native ctenophores in the Gulf of Trieste, Northern Adriatic Sea. Journal of Plankton Research, 2008, 31, 61-71.	1.8	57
13	Main meiofauna taxa as an indicator for assessing the spatial and seasonal impact of fish farming. Marine Pollution Bulletin, 2009, 58, 1178-1186.	5.0	57
14	Lack of genetic structure in the jellyfish Pelagia noctiluca (Cnidaria: Scyphozoa: Semaestomeae) across European seas. Molecular Phylogenetics and Evolution, 2010, 57, 417-428.	2.7	56
15	Potential links of jellyfish to eutrophication and fisheries. Coastal and Estuarine Studies, 1999, , 241-263.	0.4	55
16	Degradation of the Adriatic medusa Aurelia sp. by ambient bacteria. Hydrobiologia, 2010, 645, 179-191.	2.0	55
17	The influence of caged mariculture on the early development of sublittoral fouling communities: a pan-European study. ICES Journal of Marine Science, 2006, 63, 637-649.	2.5	54
18	The accumulation and release of polysaccharides by planktonic cells and the subsequent bacterial response during a controlled experiment. FEMS Microbiology Ecology, 1999, 29, 351-363.	2.7	51

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19	Acoustic survey of a jellyfish-dominated ecosystem (Mljet Island, Croatia). <i>Hydrobiologia</i> , 2009, 616, 99-111.	2.0	41
20	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
21	Jellyfish-Associated Microbiome in the Marine Environment: Exploring Its Biotechnological Potential. <i>Marine Drugs</i> , 2019, 17, 94.	4.6	39
22	Who cares about ocean acidification in the Plasticene?. <i>Ocean and Coastal Management</i> , 2019, 174, 170-180.	4.4	38
23	Pelagic organic matter in the Adriatic Sea in relation to winter hydrographic conditions. <i>Journal of Plankton Research</i> , 1989, 11, 1129-1141.	1.8	36
24	Feeding of <i>Aurelia</i> sp. (Scyphozoa) and links to the microbial food web. <i>Marine Ecology</i> , 2008, 29, 495-505.	1.1	34
25	Comparative phylogeography of meroplanktonic species, <i>Aurelia</i> spp. and <i>Rhizostoma pulmo</i> (Cnidaria: Tj ETQq1 1,0,784314 rgBT /Ove 2.0	2.0	34
26	Jellyfish biochemical composition: importance of standardised sample processing. <i>Marine Ecology - Progress Series</i> , 2014, 510, 275-288.	1.9	34
27	Changes in particulate and dissolved organic matter in nutrient-enriched enclosures from an area influenced by mucilage: the northern Adriatic Sea. <i>Journal of Plankton Research</i> , 2003, 25, 949-966.	1.8	32
28	Bacteria associated with moon jellyfish during bloom and post-bloom periods in the Gulf of Trieste (northern Adriatic). <i>PLoS ONE</i> , 2019, 14, e0198056.	2.5	32
29	Response of Summer Phytoplankton to Episodic Meteorological Events (Gulf of Trieste, Adriatic Sea). <i>Marine Ecology</i> , 1997, 18, 273-288.	1.1	30
30	Patterns of invasive ctenophore <i>Mnemiopsis leidyi</i> distribution and variability in different recipient environments of the Eurasian seas: A review. <i>Marine Environmental Research</i> , 2019, 152, 104791.	2.5	30
31	Microbial transformation of jellyfish organic matter affects the nitrogen cycle in the marine water column – A Black Sea case study. <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 475, 19-30.	1.5	29
32	<i>Mnemiopsis leidyi</i> in the northern Adriatic: here to stay?. <i>Journal of Sea Research</i> , 2017, 124, 10-16.	1.6	29
33	Is it possible to determine the economic impact of jellyfish outbreaks on fisheries? A Case Study – Slovenia. <i>Mediterranean Marine Science</i> , 2013, 14, 214.	1.6	29
34	Offshore marine constructions as propagators of moon jellyfish dispersal. <i>Environmental Research Letters</i> , 2017, 12, 084003.	5.2	28
35	Populations of the red tide forming dinoflagellate <i>Noctiluca scintillans</i> (Macartney): A comparison between the Black Sea and the northern Adriatic Sea. <i>Harmful Algae</i> , 2014, 33, 29-40.	4.8	27
36	Density-dependent effects control the reproductive strategy and population growth of <i>Aurelia aurita</i> s.l. <i>scyphistomae</i> . <i>Marine Biology</i> , 2015, 162, 1665-1672.	1.5	25

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37	The evolution and phytoplankton composition of mucilaginous aggregates in the northern Adriatic Sea. <i>Harmful Algae</i> , 2008, 7, 752-761.	4.8	23
38	Invasion of the Jellyfish <i>Pelagia noctiluca</i> in the Northern Adriatic: a non-success story. <i>NATO Science Series Series IV, Earth and Environmental Sciences</i> , 2004, , 273-285.	0.3	23
39	Comparative analysis of the ecosystems in the northern Adriatic Sea and the Inland Sea of Japan: Can anthropogenic pressures disclose jellyfish outbreaks?. <i>Science of the Total Environment</i> , 2018, 626, 982-994.	8.0	22
40	Predation patterns and prey quality of medusae in a semi-enclosed marine lake: implications for food web energy transfer in coastal marine ecosystems. <i>Journal of Plankton Research</i> , 2013, 35, 1305-1312.	1.8	21
41	The effects of eluent mixing on TLS detection in gradient elution HPLC. <i>Analytical and Bioanalytical Chemistry</i> , 2002, 374, 323-328.	3.7	17
42	European policies and legislation targeting ocean acidification in european waters - Current state. <i>Marine Policy</i> , 2020, 118, 103947.	3.2	17
43	Redescription of <i>Pelagia benovici</i> into a new jellyfish genus, <i>Mawia</i> , gen. nov., and its phylogenetic position within Pelagiidae (Cnidaria : Scyphozoa : Semaestomeae). <i>Invertebrate Systematics</i> , 2016, 30, 523.	1.3	16
44	The trophic role of the marine cladoceran <i>Penilia avirostris</i> in the Gulf of Trieste. , 1997, , 197-203.		15
45	Hyphenated high performance liquid chromatography-thermal lens spectrometry technique as a tool for investigations of xanthophyll cycle pigments in different taxonomic groups of marine phytoplankton. <i>Review of Scientific Instruments</i> , 2003, 74, 776-778.	1.3	14
46	Seasonal fluctuations in population dynamics of <i>Aurelia aurita</i> polyps in situ with a modelling perspective. <i>Marine Ecology - Progress Series</i> , 2018, 591, 155-166.	1.9	14
47	Scyphomedusae of the Mediterranean: State of the Art and Future Perspectives. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2015, 15, 81-94.	1.1	13
48	Mass occurrence of the ctenophore <i>Bolinopsis vitrea</i> (L. Agassiz, 1860) in the nearshore southern Adriatic Sea (Kotor Bay, Montenegro). <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4777-4785.	2.7	12
49	Kinematic properties of the jellyfish <i>Aurelia</i> sp.. <i>Hydrobiologia</i> , 2009, 616, 279-289.	2.0	9
50	Scyphomedusae and Ctenophora of the Eastern Adriatic: Historical Overview and New Data. <i>Diversity</i> , 2021, 13, 186.	1.7	9
51	Reflection of hydrocarbon pollution on hepatic EROD activity in the black goby (<i>Gobius niger</i>). <i>Environmental Toxicology and Pharmacology</i> , 2007, 24, 304-310.	4.0	8
52	Towards automated scyphistoma census in underwater imagery: A useful research and monitoring tool. <i>Journal of Sea Research</i> , 2018, 142, 147-156.	1.6	8
53	Observations on the Surface Structure of <i>Aurelia solida</i> (Scyphozoa) Polyps and Medusae. <i>Diversity</i> , 2021, 13, 244.	1.7	6
54	Recurrence of bloom-forming scyphomedusae: wavelet analysis of a 200-year time series. , 2010, , 81-96.		6

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55	Double Dual Beam Thermal Lens Spectrometer for Monitoring of Phytoplankton Cell Lysis. Instrumentation Science and Technology, 2006, 34, 23-31.	1.8	5
56	The Depleted Carbon Isotopic Signature of Nematodes and Harpacticoids and Their Place in Carbon Processing in Fish Farm Sediments. Frontiers in Marine Science, 2020, 7, .	2.5	5
57	Comparative phylogeography of meroplanktonic species, Aurelia spp. and Rhizostoma pulmo (Cnidaria: Tj ETQq1 1 0.784314 rgBT /C		
58	Living Inside a Jellyfish: The Symbiosis Case Study of Host-Specialized Dinoflagellates, "Zooxanthellae", and the Scyphozoan Cotylorhiza tuberculata. Frontiers in Marine Science, 2022, 9, .	2.5	5
59	The roles of plankton and neuston microbial organic matter in climate regulation. Journal of Plankton Research, 2021, 43, 801-821.	1.8	4
60	Group-specific phytoplankton biomass/dissolved carbohydrate relationships in the Gulf of Trieste (Northern Adriatic)., 1998, , 191-205.		4
61	New approach in studies of microalgal cell lysis. Open Life Sciences, 2009, 4, 313-320.	1.4	3
62	Degradation of the Adriatic medusa Aurelia sp. by ambient bacteria. , 2010, , 179-191.		3
63	Kinematic properties of the jellyfish Aurelia sp. , 2008, , 279-289.		2
64	The Northern Adriatic Sea: selected results from the European program INTERREG III Italy-Slovenia (2000-2006). Marine Ecology, 2008, 29, 365-366.	1.1	1
65	Diversity of Dinoflagellate Symbionts in Scyphozoan Hosts From Shallow Environments: The Mediterranean Sea and Cabo Frio (Rio de Janeiro, Brazil). Frontiers in Marine Science, 2022, 9, .	2.5	1
66	Coastal Ecosystems Under Pressure Worldwide. Eos, 2021, 102, .	0.1	0
67	Why Do Only Males of Mawia benovici (Pelagiidae: Semaestomeae: Scyphozoa) Seem to Inhabit the Northern Adriatic Sea?. Diversity, 2021, 13, 222.	1.7	0
68	"Kisanje" severnega Jadrana. Acta Chimica Slovenica, 2021, 68, S87-S93.	0.6	0
69	Obalni ekosistemi na prehodu: Primerjalna analiza severnega Jadrana in Zaliva Chesapeake. Acta Chimica Slovenica, 2020, 67, S91-S97.	0.6	0