

Marco Faimali

List of Publications by Year in descending order

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101
papers

3,536
citations

94433

37
h-index

155660

55
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103
all docs

103
docs citations

103
times ranked

4255
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of polystyrene microbeads in marine planktonic crustaceans. <i>Ecotoxicology and Environmental Safety</i> , 2017, 145, 250-257.	6.0	212
2	Microplastics in the Arctic: A case study with sub-surface water and fish samples off Northeast Greenland. <i>Environmental Pollution</i> , 2018, 242, 1078-1086.	7.5	200
3	Swimming speed alteration of <i>Artemia</i> sp. and <i>Brachionus plicatilis</i> as a sub-lethal behavioural end-point for ecotoxicological surveys. <i>Ecotoxicology</i> , 2010, 19, 512-519.	2.4	124
4	Marine aerobic biofilm as biocathode catalyst. <i>Bioelectrochemistry</i> , 2010, 78, 51-56.	4.6	113
5	Environmental impact of antifouling technologies: state of the art and perspectives. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2001, 11, 311-317.	2.0	112
6	The interplay of substrate nature and biofilm formation in regulating <i>Balanus amphitrite</i> Darwin, 1854 larval settlement. <i>Journal of Experimental Marine Biology and Ecology</i> , 2004, 306, 37-50.	1.5	100
7	Ecotoxicological effects of polystyrene microbeads in a battery of marine organisms belonging to different trophic levels. <i>Marine Environmental Research</i> , 2018, 141, 313-321.	2.5	87
8	Trophic Transfer of Microplastics From Copepods to Jellyfish in the Marine Environment. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	86
9	Effects of selected metal oxide nanoparticles on <i>Artemia salina</i> larvae: evaluation of mortality and behavioural and biochemical responses. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 4249-4259.	2.7	83
10	High surface adsorption properties of carbon-based nanomaterials are responsible for mortality, swimming inhibition, and biochemical responses in <i>Artemia salina</i> larvae. <i>Aquatic Toxicology</i> , 2015, 163, 121-129.	4.0	83
11	The Ligurian Sea: present status, problems and perspectives. <i>Chemistry and Ecology</i> , 2010, 26, 319-340.	1.6	78
12	Limited effectiveness of marine protected areas: imposex in <i>Hexaplex trunculus</i> (Gastropoda). <i>Journal of Environmental Monitoring</i> , 2007, 9, 1077-1080.	8.0	76
13	Toxic effects of harmful benthic dinoflagellate <i>Ostreopsis ovata</i> on invertebrate and vertebrate marine organisms. <i>Marine Environmental Research</i> , 2012, 76, 97-107.	2.5	76
14	Swimming speed alteration of larvae of <i>Balanus Amphitrite</i> as a behavioural end-point for laboratory toxicological bioassays. <i>Marine Biology</i> , 2006, 149, 87-96.	1.5	75
15	Effect of silver nanoparticles on marine organisms belonging to different trophic levels. <i>Marine Environmental Research</i> , 2015, 111, 41-49.	2.5	74
16	<i>Alteromonas genovensis</i> sp. nov., isolated from a marine electroactive biofilm and emended description of <i>Alteromonas macleodii</i> Baumann et al. 1972 (Approved Lists 1980). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2589-2596.	1.7	58
17	Non-toxic Antifouling Activity of Polymeric 3-alkylpyridinium Salts from the Mediterranean Sponge <i>Reniera sarai</i> (Pulitzer-Finali). <i>Biofouling</i> , 2003, 19, 47-56.	2.2	57
18	Involvement of Acetyl Choline in Settlement of <i>Balanus amphitrite</i> . <i>Biofouling</i> , 2003, 19, 213-220.	2.2	55

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19	Chemicals sorbed to environmental microplastics are toxic to early life stages of aquatic organisms. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111665.	6.0	54
20	<i>Ruegeria scottomollicae</i> sp. nov., isolated from a marine electroactive biofilm. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2726-2733.	1.7	52
21	Microplastics do not affect standard ecotoxicological endpoints in marine unicellular organisms. <i>Marine Pollution Bulletin</i> , 2019, 143, 140-143.	5.0	49
22	Active role of the mucilage in the toxicity mechanism of the harmful benthic dinoflagellate <i>Ostreopsis cf. ovata</i> . <i>Harmful Algae</i> , 2015, 44, 46-53.	4.8	48
23	<i>Leisingera aquimarina</i> sp. nov., isolated from a marine electroactive biofilm, and emended descriptions of <i>Leisingera methylohalidivorans</i> Schaefer et al. 2002, <i>Phaeobacter daeponensis</i> Yoon et al. 2007 and <i>Phaeobacter inhibens</i> Martens et al. 2006. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2788-2793.	1.7	47
24	Terpenes from the Red Alga <i>Sphaerococcus coronopifolius</i> Inhibit the Settlement of Barnacles. <i>Marine Biotechnology</i> , 2011, 13, 764-772.	2.4	46
25	Effects of nano carbon black and single-layer graphene oxide on settlement, survival and swimming behaviour of <i>Amphibalanus amphitrite</i> larvae. <i>Chemistry and Ecology</i> , 2013, 29, 643-652.	1.6	46
26	Toxicity and transfer of metal oxide nanoparticles from microalgae to sea urchin larvae. <i>Chemistry and Ecology</i> , 2014, 30, 308-316.	1.6	46
27	Old model organisms and new behavioral end-points: Swimming alteration as an ecotoxicological response. <i>Marine Environmental Research</i> , 2017, 128, 36-45.	2.5	46
28	Chemical, molecular, and eco-toxicological investigation of <i>Ostreopsis</i> sp. from Cyprus Island: structural insights into four new ovatoxins by LC-HRMS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 915-932.	3.7	45
29	Microplastics ingestion in the ephyra stage of <i>Aurelia</i> sp. triggers acute and behavioral responses. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109983.	6.0	45
30	Toxic effects of <i>Ostreopsis ovata</i> on larvae and juveniles of <i>Paracentrotus lividus</i> . <i>Harmful Algae</i> , 2012, 18, 16-23.	4.8	43
31	Exploiting a new electrochemical sensor for biofilm monitoring and water treatment optimization. <i>Water Research</i> , 2011, 45, 1651-1658.	11.3	42
32	Comparative assessment of antimicrobial efficacy of new potential biocides for treatment of cooling and ballast waters. <i>Science of the Total Environment</i> , 2006, 356, 1-10.	8.0	40
33	<i>Nautella italica</i> gen. nov., sp. nov., isolated from a marine electroactive biofilm. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 811-817.	1.7	40
34	Bacterial diversity of the cultivable fraction of a marine electroactive biofilm. <i>Bioelectrochemistry</i> , 2010, 78, 62-66.	4.6	39
35	Multidisciplinary screening of toxicity induced by silica nanoparticles during sea urchin development. <i>Chemosphere</i> , 2015, 139, 486-495.	8.2	39
36	Evolution of oxygen reduction current and biofilm on stainless steels cathodically polarised in natural aerated seawater. <i>Electrochimica Acta</i> , 2008, 54, 148-153.	5.2	38

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37	Phaeobacter caeruleus sp. nov., a blue-coloured, colony-forming bacterium isolated from a marine electroactive biofilm. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1209-1214.	1.7	38
38	Electrochemical activity and bacterial diversity of natural marine biofilm in laboratory closed-systems. <i>Bioelectrochemistry</i> , 2010, 78, 30-38.	4.6	38
39	Sperm exposure to carbon-based nanomaterials causes abnormalities in early development of purple sea urchin (<i>Paracentrotus lividus</i>). <i>Aquatic Toxicology</i> , 2015, 163, 158-166.	4.0	35
40	Review: Morphofunctional and biochemical markers of stress in sea urchin life stages exposed to engineered nanoparticles. <i>Environmental Toxicology</i> , 2016, 31, 1552-1562.	4.0	34
41	Adverse effects of the SSRI antidepressant sertraline on early life stages of marine invertebrates. <i>Marine Environmental Research</i> , 2017, 128, 88-97.	2.5	33
42	Comparative antibacterial activity of polymeric 3-alkylpyridinium salts isolated from the Mediterranean sponge <i>Reniera sarai</i> and their synthetic analogues. <i>New Biotechnology</i> , 2006, 23, 317-323.	2.7	32
43	A standardization of <i>Amphibalanus (Balanus) amphitrite</i> (Crustacea, Cirripedia) larval bioassay for ecotoxicological studies. <i>Ecotoxicology and Environmental Safety</i> , 2012, 79, 134-138.	6.0	32
44	Lethal and sublethal endpoints observed for <i>Artemia</i> exposed to two reference toxicants and an ecotoxicological concern organic compound. <i>Ecotoxicology and Environmental Safety</i> , 2016, 123, 60-64.	6.0	32
45	Imposex in pre-pollution times. Is TBT to blame?. <i>Marine Pollution Bulletin</i> , 2006, 52, 701-702.	5.0	30
46	Evaluation of the antifouling properties of 3-alkylpyridine compounds. <i>Biofouling</i> , 2011, 27, 99-109.	2.2	29
47	Ephyra jellyfish as a new model for ecotoxicological bioassays. <i>Marine Environmental Research</i> , 2014, 93, 93-101.	2.5	27
48	The ODAS Italia 1 buoy: More than forty years of activity in the Ligurian Sea. <i>Progress in Oceanography</i> , 2015, 135, 48-63.	3.2	26
49	Exposure of <i>Paracentrotus lividus</i> male gametes to engineered nanoparticles affects skeletal bio-mineralization processes and larval plasticity. <i>Aquatic Toxicology</i> , 2015, 158, 181-191.	4.0	25
50	Antisettlement activity of synthetic analogues of polymeric 3-alkylpyridinium salts isolated from the sponge <i>Reniera sarai</i> . <i>Biofouling</i> , 2005, 21, 49-57.	2.2	24
51	A new photodegradable molecule as a low impact ballast water biocide: efficacy screening on marine organisms from different trophic levels. <i>Marine Biology</i> , 2006, 149, 7-16.	1.5	24
52	Ecotoxicological evaluation of Harbour sediments using marine organisms from different trophic levels. <i>Journal of Soils and Sediments</i> , 2008, 8, 74-79.	3.0	24
53	Cathodic protection of carbon steel in natural seawater: Effect of sunlight radiation. <i>Electrochimica Acta</i> , 2009, 54, 6472-6478.	5.2	24
54	Effect of neurotoxic compounds on ephyrae of <i>Aurelia aurita</i> jellyfish. <i>Hydrobiologia</i> , 2015, 759, 75-84.	2.0	23

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55	Temperature and salinity effects on cadmium toxicity on lethal and sublethal responses of <i>Amphibalanus amphitrite</i> nauplii. <i>Ecotoxicology and Environmental Safety</i> , 2016, 123, 8-17.	6.0	23
56	Effects of the harmful dinoflagellate <i>Ostreopsis cf. ovata</i> on different life cycle stages of the common moon jellyfish <i>Aurelia</i> sp.. <i>Harmful Algae</i> , 2016, 57, 49-58.	4.8	22
57	Antifouling Activity of Synthetic Alkylpyridinium Polymers Using the Barnacle Model. <i>Marine Drugs</i> , 2014, 12, 1959-1976.	4.6	21
58	Ecotoxicological effects of sediments from Mar Piccolo, South Italy: toxicity testing with organisms from different trophic levels. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12755-12769.	5.3	21
59	Imposex and accumulation of organotin compounds in populations of <i>Hexaplex trunculus</i> (Gastropoda, Muricidae) from the Lagoon of Venice (Italy) and Istrian Coast (Croatia). <i>Marine Pollution Bulletin</i> , 2007, 54, 615-622.	5.0	20
60	Assessing photosynthetic biomarkers in lichen transplants exposed under different light regimes. <i>Ecological Indicators</i> , 2014, 43, 126-131.	6.3	20
61	Standardization of laboratory bioassays with <i>Balanus amphitrite</i> larvae for preliminary oil dispersants toxicological characterization. <i>Chemistry and Ecology</i> , 2006, 22, S163-S172.	1.6	17
62	Imposex in <i>Hexaplex trunculus</i> at Some Sites on the North Mediterranean Coast as a Base-Line for Future Evaluation of the Effectiveness of the Total Ban on Organotin based Antifouling Paints. <i>Hydrobiologia</i> , 2006, 555, 281-287.	2.0	17
63	Potentiodynamic study of Al-Mg alloy with superhydrophobic coating in photobiologically active/not active natural seawater. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 137, 167-175.	5.0	17
64	A short-term swimming speed alteration test with nauplii of <i>Artemia franciscana</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 558-564.	6.0	17
65	Long term exposure to low dose neurotoxic pesticides affects hatching, viability and cholinesterase activity of <i>Artemia</i> sp .. <i>Aquatic Toxicology</i> , 2018, 196, 79-89.	4.0	16
66	Microtopography of the eye surface of the crab <i>Carcinus maenas</i> : an atomic force microscope study suggesting a possible antifouling potential. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130122.	3.4	13
67	New implications in the use of imposex as a suitable tool for tributyltin contamination: experimental induction in <i>Hexaplex trunculus</i> (Gastropoda, Muricidae) with different stressors. <i>Cell Biology and Toxicology</i> , 2008, 24, 563-571.	5.3	12
68	Diversification of feeding structures in three adult Antarctic nototheniid fish. <i>Polar Biology</i> , 2018, 41, 1707-1715.	1.2	12
69	Marine sponge-derived polymeric alkylpyridinium salts as a novel tumor chemotherapeutic targeting the cholinergic system in lung tumors. <i>International Journal of Oncology</i> , 2006, 29, 1381.	3.3	11
70	Applying cathodically polarised substrata to the restoration of a high value coral. <i>Biofouling</i> , 2011, 27, 799-809.	2.2	11
71	Osmoregulated Chloride Currents in Hemocytes from <i>Mytilus galloprovincialis</i> . <i>PLoS ONE</i> , 2016, 11, e0167972.	2.5	11
72	Characterization of metalloproteinase-like activities in barnacle (<i>Balanus amphitrite</i>) nauplii. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 135, 17-24.	1.6	10

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73	Evidence of enzymatic catalysis of oxygen reduction on stainless steels under marine biofilm. <i>Biofouling</i> , 2011, 27, 375-384.	2.2	10
74	Pharmacological characterization of N-methyl-d-aspartic acid (NMDA)-like receptors in the single-celled organism <i>Paramecium primaurelia</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 463-71.	1.7	10
75	Swimming speed alteration in the early developmental stages of <i>Paracentrotus lividus</i> sea urchin as ecotoxicological endpoint. <i>Marine Environmental Research</i> , 2016, 115, 11-19.	2.5	10
76	Microplastics in the Mediterranean: Variability From Observations and Model Analysis. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	10
77	Presence and distribution of FMRamide-like immunoreactivity in the cyprid of the barnacle <i>Balanus amphitrite</i> (Cirripedia, crustacea). <i>Microscopy Research and Technique</i> , 2009, 72, 101-109.	2.2	9
78	The Effect of Photobiomodulation on the Sea Urchin <i>Paracentrotus lividus</i> (Echinodermata) Using Higher-Fluence on Fertilization, Embryogenesis, and Larval Development: An <i>In Vitro</i> Study. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 127-135.	2.0	9
79	A new approach to testing potential leaching toxicity of fouling release coatings (FRCs). <i>Marine Environmental Research</i> , 2018, 141, 305-312.	2.5	9
80	Ag and AgCu as brazing materials for Ti6Al4V-Y3Al5O12 joints: Does ennoblement affect the galvanic behaviour in seawater?. <i>Electrochimica Acta</i> , 2018, 283, 155-166.	5.2	9
81	NMDA R1 receptor distribution in the cyprid of <i>Balanus amphitrite</i> (= <i>Amphibalanus amphitrite</i>) (Cirripedia, Crustacea). <i>Neuroscience Letters</i> , 2010, 485, 183-188.	2.1	8
82	Potential use of an ultrasound antifouling technology as a ballast water treatment system. <i>Journal of Sea Research</i> , 2018, 133, 115-123.	1.6	8
83	Presence and distribution of serotonin immunoreactivity in the cyprids of the barnacle <i>Balanus amphitrite</i> . <i>European Journal of Histochemistry</i> , 2005, 49, 341.	1.5	7
84	Renillenoic acids: Feeding deterrence and antifouling properties of conjugated fatty acids in Patagonian sea pen. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 416-417, 208-214.	1.5	7
85	Evolution of the Distribution and Dynamic of Microplastic in Water and Biota: A Study Case From the Gulf of Gabes (Southern Mediterranean Sea). <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	7
86	Nitric oxide synthase (NOS) in the cyprid of <i>Amphibalanus amphitrite</i> (Cirripedia, Crustacea). <i>Neuroscience Letters</i> , 2013, 555, 209-214.	2.1	6
87	Synthesis and Antifouling Activity Evaluation of Analogs of Bromosphaerol, a Brominated Diterpene Isolated from the Red Alga <i>Sphaerococcus coronopifolius</i> . <i>Marine Drugs</i> , 2022, 20, 7.	4.6	6
88	Settlement of the alien mollusc <i>Brachidontes pharaonis</i> in a Mediterranean industrial plant: Bioassays for antifouling treatment optimization and management. <i>Marine Environmental Research</i> , 2012, 76, 90-96.	2.5	5
89	G-protein alpha subunits distribution in the cyprid of <i>Balanus amphitrite</i> (= <i>Amphibalanus</i>)	2.2	4
90	Non-isothermal effects induced by natural illumination and infrared irradiation on cathodically polarized carbon steel electrodes. <i>Corrosion Science</i> , 2014, 84, 125-134.	6.6	4

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91	Toxicological response of <i>Amphibalanus amphitrite</i> larvae as an indirect evaluation of antifouling paints' efficacy. <i>Chemistry and Ecology</i> , 2011, 27, 87-95.	1.6	3
92	Factors influencing the deterioration of the carapace surface during the moult cycle of <i>Carcinus maenas</i> (Linnaeus, 1758). <i>Contributions To Zoology</i> , 2014, 83, 167-175.	0.5	2
93	Harmonization in the joint European research infrastructure network for coastal observatories - JERICO. , 2015, , .		2
94	Ecotoxicological Effects of Microplastics in Marine Zooplankton. Springer Water, 2020, , 234-239.	0.3	2
95	Optimized and high efficiency biofouling protection for oceanographic optical devices. , 2017, , .		1
96	7th Biannual ECotoxicology MEeting (BECOME 2016) - Managing aquatic and terrestrial environments: An ecotoxicological perspective. <i>Ecotoxicology and Environmental Safety</i> , 2018, 156, 223-224.	6.0	1
97	An integrated approach to characterize deep sediment toxicity in Genoa submarine canyons (NW Tj ETQq1 1 0.784314 rgBT ₁ /Overlook	5.3	1
98	Biological Resistance of Acetylated Radiata Pine, European Beech, and MDF against Marine Borers at Three Italian Sites after Five Years Immersion. <i>Forests</i> , 2022, 13, 636.	2.1	1
99	Cold storage effects on lethal and sublethal responses of <i>Amphibalanus amphitrite</i> Nauplii. <i>Ecotoxicology</i> , 2022, 31, 1078-1086.	2.4	1
100	In vitro approaches to environmental pollutants: New models, endpoints, and strategies. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 329-330.	1.5	0
101	Insights on Ecotoxicological Effects of Microplastics in Marine Ecosystems: The EPHEMARE Project. Springer Water, 2020, , 12-19.	0.3	0