MarÃ-a-JesÃºs Ãriz

List of Publications by Year
in descending order

119 papers	5,138 citations	66343 42 h-index	110387 64 g-index
122 all docs	122 docs citations	122 times ranked	3546 citing authors

#	Article	IF	Citations
1	Ethical decision-making of social workers in Spain during COVID-19: Cases and responses. Qualitative Social Work, 2023, 22, 86-103.	1.4	2
2	Unique spicules may confound species differentiation: taxonomy and biogeography of Melonanchora Carter, 1874 and two new related genera (Myxillidae: Poecilosclerida) from the Okhotsk Sea. PeerJ, 2021, 9, e12515.	2.0	1
3	Ethical Dilemmas and Areas of Social Work Intervention in Spain. Journal of Social Service Research, 2020, 46, 55-70.	1.3	9
4	New Insights Into the Archaeal Consortium of Tropical Sponges. Frontiers in Marine Science, 2020, 6, .	2.5	35
5	Asexual reproduction and heterozygote selection in an Antarctic demosponge (Stylocordyla) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	2
6	Biodiversity loss in a Mediterranean ecosystem due to an extreme warming event unveils the role of an engineering gorgonian species. Scientific Reports, 2019, 9, 5911.	3.3	66
7	Distribution patterns and demographic trends of demosponges at the Menorca Channel (Northwestern Mediterranean Sea). Progress in Oceanography, 2019, 173, 9-25.	3.2	17
8	The non-indigenous and invasive species Paraleucilla magna Klautau, Monteiro & Borojevic, 2004 (Porifera: Calcarea) in the Algerian coast (Southwestern of Mediterranean Sea). Acta Adriatica, 2019, 60, 41-46.	0.7	2
9	Multipartner Symbiosis across Biological Domains: Looking at the Eukaryotic Associations from a Microbial Perspective. MSystems, 2019, 4, .	3.8	9
10	Sponges and Their Microbiomes Show Similar Community Metrics Across Impacted and Well-Preserved Reefs. Frontiers in Microbiology, 2019, 10, 1961.	3.5	49
11	Sponge assemblages on the deep Mediterranean continental shelf and slope (Menorca Channel,) Tj ETQq1 1 0.784314 rgBT /Overlock	1.4	35
12	Showcasing the role of seawater in bacteria recruitment and microbiome stability in sponges. Scientific Reports, 2018, 8, 15201.	3.3	82
13	Description of two new genera (Antarctotetilla, Levantiniella) and a new species of Tetillidae. Zootaxa, 2018, 4455, 295-321.	0.5	3
14	ÂReproductive strategies of two common sympatric Mediterranean sponges:Dysidea avara(Dictyoceratida) andPhorbas tenacior(Poecilosclerida). PeerJ, 2018, 6, e5458.	2.0	10
15	Endosymbiotic calcifying bacteria across sponge species and oceans. Scientific Reports, 2017, 7, 43674.	3.3	18
16	Molecular phylogenies confirm the presence of two crypticHemimycalespecies in the Mediterranean and reveal the polyphyly of the generaCrellaandHemimycale(Demospongiae: Poecilosclerida). PeerJ, 2017, 5, e2958.	2.0	12
17	Redescription and establishment of a holotype and three paratypes for the species Hemimycale mediterranea sp. nov.. PeerJ, 2017, 5, e3426.	2.0	1
18	Contrasting biological features in morphologically cryptic Mediterranean sponges. PeerJ, 2017, 5, e3490.	2.0	2

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19	Snapshot of a Bacterial Microbiome Shift during the Early Symptoms of a Massive Sponge Die-Off in the Western Mediterranean. Frontiers in Microbiology, 2016, 7, 752.	3.5	46
20	High genetic diversity, phenotypic plasticity, and invasive potential of a recently introduced calcareous sponge, fast spreading across the Atlanto-Mediterranean basin. Marine Biology, 2016, 163, 123.	1.5	27
21	Phylogenetic Reassessment of Antarctic Tetillidae (Demospongiae, Tetractinellida) Reveals New Genera and Genetic Similarity among Morphologically Distinct Species. PLoS ONE, 2016, 11, e0160718.	2.5	18
22	Spatio-temporal monitoring of deep-sea communities using metabarcoding of sediment DNA and RNA. PeerJ, 2016, 4, e2807.	2.0	103
23	Similar spongeâ€associated bacteria can be acquired via both vertical and horizontal transmission. Environmental Microbiology, 2015, 17, 3807-3821.	3.8	76
24	Deep-Sea, Deep-Sequencing: Metabarcoding Extracellular DNA from Sediments of Marine Canyons. PLoS ONE, 2015, 10, e0139633.	2.5	163
25	Microsatellites from sponge genomes: the number necessary for detecting genetic structure in Hemimycale columella populations. Aquatic Biology, 2015, 24, 25-34.	1.4	9
26	Calcareous spherules produced by intracellular symbiotic bacteria protect the sponge Hemimycale columella from predation better than secondary metabolites. Marine Ecology - Progress Series, 2015, 523, 81-92.	1.9	18
27	Removing environmental sources of variation to gain insight on symbionts vs. transient microbes in high and low microbial abundance sponges. Environmental Microbiology, 2013, 15, 3008-3019.	3.8	47
28	Sources of Secondary Metabolite Variation in Dysidea avara (Porifera: Demospongiae): The Importance of Having Good Neighbors. Marine Drugs, 2013, 11, 489-503.	4.6	32
29	A NGS approach to the encrusting Mediterranean sponge C rella elegans (Porifera, Demospongiae,) Tj ETQq1 1 0.784314 rgBT /Overlo along three life cycle stages. Molecular Ecology Resources, 2013, 13, 494-509.	4.8	14
30	Preface. Advances in Marine Biology, 2012, 61, ix-x.	1.4	1
31	Sponge Ecology in the Molecular Era. Advances in Marine Biology, 2012, 61, 345-410.	1.4	24
32	Characterization of nine polymorphic microsatellite loci for the calcareous sponge Paraleucilla magna Klautau et al. 2004 introduced to the Mediterranean Sea. Conservation Genetics Resources, 2012, 4, 403-405.	0.8	7
33	Reproductive traits explain contrasting ecological features in sponges: the sympatric poecilosclerids Hemimycale columella and Crella elegans as examples. Hydrobiologia, 2012, 687, 315-330.	2.0	18
34	Genetic structure and differentiation at a short-time scale of the introduced calcarean sponge Paraleucilla magna to the western Mediterranean. Hydrobiologia, 2012, 687, 71-84.	2.0	34
35	ENDOSYMBIOTIC CALCIFYING BACTERIA: A NEW CUE TO THE ORIGIN OF CALCIFICATION IN METAZOA?. Evolution; International Journal of Organic Evolution, 2012, 66, 2993-2999.	2.3	45
36	Reproductive cycles of the sympatric excavating sponges Cliona celata and Cliona viridis in the Mediterranean Sea. Invertebrate Biology, 2011, 130, 1-10.	0.9	24

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37	Do bipolar distributions exist in marine sponges? Stylocordyla chupachups sp. nv. (Porifera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f Biology, 2011, 34, 243-255.	1.2	14
38	â€œLiving Together Apartâ€: The Hidden Genetic Diversity of Sponge Populations. Molecular Biology and Evolution, 2011, 28, 2435-2438.	8.9	24
39	Sponge Mass Mortalities in a Warming Mediterranean Sea: Are Cyanobacteria-Harboring Species Worse Off?. PLoS ONE, 2011, 6, e20211.	2.5	158
40	Population genetics at three spatial scales of a rare sponge living in fragmented habitats. BMC Evolutionary Biology, 2010, 10, 13.	3.2	62
41	Antifungal and antibacterial activity of Porifera extracts from the Moroccan Atlantic coasts. Journal De Mycologie Medicale, 2010, 20, 70-74.	1.5	21
42	In Situ Aquaculture Methods for Dysidea avara (Demospongiae, Porifera) in the Northwestern Mediterranean. Marine Drugs, 2010, 8, 1731-1742.	4.6	35
43	2â€²-phosphodiesterase and 2â€²,5â€²-oligoadenylate synthetase activities in the lowest metazoans, sponge [porifera]. Biochimie, 2009, 91, 1531-1534.	2.6	10
44	In vitro effects of metal pollution on Mediterranean sponges: Species-specific inhibition of 2â€²,5â€²-oligoadenylate synthetase. Aquatic Toxicology, 2009, 94, 204-210.	4.0	10
45	Small-scale spatial genetic structure in Scopalina lophyropoda, an encrusting sponge with philopatric larval dispersal and frequent fission and fusion events. Marine Ecology - Progress Series, 2009, 380, 95-102.	1.9	61
46	Chemical bioactivity of sponges along an environmental gradient in a Mediterranean cave. Scientia Marina, 2009, 73, 387-397.	0.6	23
47	Environmental Flow Regimes for Dysidea avara Sponges. Marine Biotechnology, 2008, 10, 622-630.	2.4	19
48	Ultrastructure and dispersal potential of sponge larvae: tufted versus evenly ciliated parenchymellae. Marine Ecology, 2008, 29, 280-297.	1.1	37
49	Isomeric Furanosesquiterpenes from the Portuguese Marine Sponge Fasciospongia sp.. Journal of Natural Products, 2008, 71, 2049-2052.	3.0	21
50	'A posteriori' searching for phenotypic characters to describe new cryptic species of sponges revealed by molecular markers (Dictyonellidae : Scopalina). Invertebrate Systematics, 2008, 22, 489.	1.3	32
51	Grazing, differential size-class dynamics and survival of the Mediterranean sponge Corticium candelabrum. Marine Ecology - Progress Series, 2008, 360, 97-106.	1.9	36
52	Hidden diversity in sympatric sponges: adjusting life-history dynamics to share substrate. Marine Ecology - Progress Series, 2008, 371, 109-115.	1.9	24
53	Vertical transmission and successive location of symbiotic bacteria during embryo development and larva formation in Corticium candelabrum (Porifera: Demospongiae). Journal of the Marine Biological Association of the United Kingdom, 2007, 87, 1693-1699.	0.8	33
54	Contrasting effects of heavy metals and hydrocarbons on larval settlement and juvenile survival in sponges. Aquatic Toxicology, 2007, 81, 137-143.	4.0	30

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55	Cryptic speciation in marine sponges evidenced by mitochondrial and nuclear genes: A phylogenetic approach. Molecular Phylogenetics and Evolution, 2007, 45, 392-397.	2.7	56
56	Embryo development of Corticium candelabrum (Demospongiae: Homosclerophorida). Invertebrate Biology, 2007, 126, 211-219.	0.9	20
57	Cell culture from sponges: pluripotency and immortality. Trends in Biotechnology, 2007, 25, 467-471.	9.3	32
58	Do heavy metals play an active role in sponge cell behaviour in the absence of calcium? Consequences in larval settlement. Journal of Experimental Marine Biology and Ecology, 2007, 346, 60-65.	1.5	13
59	Sponges as biomonitors of heavy metals in spatial and temporal surveys in northwestern Mediterranean: Multispecies comparison. Environmental Toxicology and Chemistry, 2007, 26, 2430-2439.	4.3	65
60	Contrasting Effects of Heavy Metals on Sponge Cell Behavior. Archives of Environmental Contamination and Toxicology, 2007, 53, 552-558.	4.1	16
61	Cultivation of Sponge Larvae: Settlement, Survival, and Growth of Juveniles. Marine Biotechnology, 2007, 9, 592-605.	2.4	31
62	Mineral skeletogenesis in sponges. Canadian Journal of Zoology, 2006, 84, 322-356.	1.0	125
63	Observations of asexual reproductive strategies in Antarctic hexactinellid sponges from ROV video records. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 972-984.	1.4	29
64	Response of the Mediterranean sponge Chondrosia reniformis Nardo to copper pollution. Environmental Pollution, 2006, 141, 452-458.	7.5	63
65	Dispersal strategies in sponge larvae: integrating the life history of larvae and the hydrologic component. Oecologia, 2006, 149, 174-184.	2.0	68
66	Grazing on fleshy seaweeds by sea urchins facilitates sponge Cliona viridis growth. Marine Ecology - Progress Series, 2006, 323, 83-89.	1.9	28
67	Polymorphic microsatellite loci isolated from the marine sponge Scopalina lophyropoda (Demospongiae: Halichondrida). Molecular Ecology Notes, 2005, 5, 466-468.	1.7	15
68	Seasonal variation in the structure of three Mediterranean algal communities in various light conditions. Estuarine, Coastal and Shelf Science, 2005, 64, 613-622.	2.1	13
69	Early life histories in the bryozoan Schizobrachiella sanguinea: a case study. Marine Biology, 2005, 147, 735-745.	1.5	11
70	The dynamics of sponge larvae assemblages from northwestern Mediterranean nearshore bottoms. Journal of Plankton Research, 2005, 27, 249-262.	1.8	55
71	Spatial and temporal variation of natural toxicity in cnidarians, bryozoans and tunicates in Mediterranean caves. Scientia Marina, 2005, 69, 485-492.	0.6	15
72	Molecular and organism biomarkers of copper pollution in the ascidian Pseudodistoma crucigaster. Marine Pollution Bulletin, 2004, 48, 759-767.	5.0	30

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73	Benthic assemblages in two Mediterranean caves: species diversity and coverage as a function of abiotic parameters and geographic distance. Journal of the Marine Biological Association of the United Kingdom, 2004, 84, 557-572.	0.8	61
74	Temporal variation of several structure descriptors in animal-dominated benthic communities in two Mediterranean caves. Journal of the Marine Biological Association of the United Kingdom, 2004, 84, 573-580.	0.8	12
75	Seasonal and spatial variation of species toxicity in Mediterranean seaweed communities: correlation to biotic and abiotic factors. Marine Ecology - Progress Series, 2004, 282, 73-85.	1.9	28
76	Quantitative assessment of natural toxicity in sponges: toxicity bioassay versus compound quantification. Journal of Chemical Ecology, 2003, 29, 1307-1318.	1.8	26
77	Biogeography of sponge chemical ecology: comparisons of tropical and temperate defenses. Oecologia, 2003, 135, 91-101.	2.0	116
78	Siliceous spicules and skeleton frameworks in sponges: Origin, diversity, ultrastructural patterns, and biological functions. Microscopy Research and Technique, 2003, 62, 279-299.	2.2	198
79	Can a sponge feeder be a herbivore? Tylodina perversa (Gastropoda) feeding on Aplysina aerophoba (Demospongiae). Biological Journal of the Linnean Society, 2003, 78, 429-438.	1.6	38
80	Long-term culture of sponge explants: conditions enhancing survival and growth, and assessment of bioactivity. New Biotechnology, 2003, 20, 339-347.	2.7	44
81	Silica Deposition in Demosponges. Progress in Molecular and Subcellular Biology, 2003, 33, 163-193.	1.6	14
82	Methodological bias in the estimations of important meroplanktonic components from near-shore bottoms. Marine Ecology - Progress Series, 2003, 253, 67-75.	1.9	11
83	Excavating and endolithic sponge species (Porifera) from the Mediterranean: species descriptions and identification key. Organisms Diversity and Evolution, 2002, 2, 55-86.	1.6	56
84	Contrasting biological traits of Clavelina lepadiformis (Ascidiacea) populations from inside and outside harbours in the western Mediterranean. Marine Ecology - Progress Series, 2002, 244, 125-137.	1.9	41
85	Copepods of the genus Asterocheres (Copepoda: Siphonostomatoida) feeding on sponges: behavioral and ecological traits. Invertebrate Biology, 2001, 120, 269-277.	0.9	15
86	Morphology and ultrastructure of the swimming larvae of Crambe crambe (Demospongiae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	33
87	Larval bloom of the oviparous sponge Cliona viridis : coupling of larval abundance and adult distribution. Marine Biology, 2000, 137, 783-790.	1.5	67
88	Distribution of brominated compounds within the sponge Aplysina aerophoba : coupling of X-ray microanalysis with cryofixation techniques. Cell and Tissue Research, 2000, 301, 311-322.	2.9	103
89	Silica deposition in Demosponges: spiculogenesis in Crambe crambe. Cell and Tissue Research, 2000, 301, 299-309.	2.9	95
90	Microstructure variation in sponges sharing growth form: The encrusting demospongesDysidea avaraandCrambe crambe. Acta Zoologica, 2000, 81, 93-107.	0.8	24

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91	Mass recruitment of Ophiothrix fragilis (Ophiuroidea) on sponges:settlement patterns and post-settlement dynamics. Marine Ecology - Progress Series, 2000, 200, 201-212.	1.9	44
92	Sexual propagation by sponge fragments. Nature, 1999, 398, 476-476.	27.8	95
93	Decline in Mesozoic reef-building sponges explained by silicon limitation. Nature, 1999, 401, 785-788.	27.8	249
94	Infestation by excavating sponges on the oyster (Ostrea edulis) populations of the Blanes littoral zone (north-western Mediterranean Sea). Journal of the Marine Biological Association of the United Kingdom, 1999, 79, 409-413.	0.8	41
95	An experimental approach to the ecological significance of microhabitat-scale movement in an encrusting sponge. Marine Ecology - Progress Series, 1999, 185, 239-255.	1.9	25
96	Growth dynamics and mortality of the encrusting spongeCrambe crambe(Poecilosclerida) in contrasting habitats: correlation with population structure and investment in defence. Functional Ecology, 1998, 12, 631-639.	3.6	106
97	Guitarra Flamenca sp. nov. (Porifera: Poecilosclerida) With a Sem Revision of the Spiny Isochelae and Placochelae in the Genus. Journal of the Marine Biological Association of the United Kingdom, 1998, 78, 807-819.	0.8	7
98	How do reproductive output, larval behaviour, and recruitment contribute to adult spatial patterns in Mediterranean encrusting sponges?. Marine Ecology - Progress Series, 1998, 167, 137-148.	1.9	99
99	Microrefuge exploitation by subtidal encrusting sponges:patterns of settlement and post-settlement survival. Marine Ecology - Progress Series, 1998, 174, 141-150.	1.9	65
100	Phylogenetic Relationships within the Excavating Hadromerida (Porifera), with a Systematic Revision. Cladistics, 1997, 13, 349-366.	3.3	25
101	Multiple Functions for Secondary Metabolites in Encrusting Marine Invertebrates. Journal of Chemical Ecology, 1997, 23, 1527-1547.	1.8	76
102	Title is missing!. Hydrobiologia, 1997, 355, 77-89.	2.0	48
103	Clearance rates and aquiferous systems in two sponges with contrasting life-history strategies. , 1997, 278, 22-36.		100
104	Chemically-mediated interactions in benthic organisms: the chemical ecology of Crambe crambe (Porifera, Poecilosclerida). , 1997, , 77-89.		28
105	Small-scale association measures in epibenthic communities as a clue for allelochemical interactions. Oecologia, 1996, 108, 351-360.	2.0	44
106	New light on the cell location of avarol within the sponge Dysidea avara (Dendroceratida). Cell and Tissue Research, 1996, 285, 519-527.	2.9	71
107	Feeding deterrence in sponges. The role of toxicity, physical defenses, energetic contents, and life-history stage.. Journal of Experimental Marine Biology and Ecology, 1996, 205, 187-204.	1.5	72
108	Seasonal Patterns of Toxicity in Benthic Invertebrates: The Encrusting Sponge Crambe crambe (Poecilosclerida). Oikos, 1996, 75, 33.	2.7	86

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109	Measuring toxicity in marine environments: critical appraisal of three commonly used methods. Experientia, 1995, 51, 414-418.	1.2	21
110	Natural variation of toxicity in encrusting spongeCrambe crambe (Schmidt) in relation to size and environment. Journal of Chemical Ecology, 1995, 21, 1931-1946.	1.8	48
111	Biotic Affinities in a Transitional Zone Between the Atlantic and the Mediterranean: A Biogeographical Approach Based on Sponges. Journal of Biogeography, 1995, 22, 89.	3.0	50
112	Patterns of resource allocation to somatic, defensive, and reproductive functions in the Mediterranean encrusting sponge Crambe crambe (Demospongiae, Poecilosclerida). Marine Ecology - Progress Series, 1995, 124, 159-170.	1.9	56
113	Antimicrobial activity and surface bacterial film in marine sponges. Journal of Experimental Marine Biology and Ecology, 1994, 179, 195-205.	1.5	93
114	Chemical bioactivity of Mediterranean benthic organisms against embryos and larvae of marine invertebrates. Journal of Experimental Marine Biology and Ecology, 1993, 173, 11-27.	1.5	50
115	A newDiscorhabdella(Porifera, Demospongiae), a new Tethyan relict of pre-Messinian biota?. Journal of Natural History, 1992, 26, 1-7.	0.5	23
116	HarmothÃ¶e Hyalonemae SF. NOV. (Polychaeta, Polynoidae), An Exclusive Inhabitant of Different Atlanto-Mediterranean Species of Hyalonema (Porifera, Hexactinellida). Ophelia, 1992, 35, 169-185.	0.3	30
117	Cliona Viridis(Schmidt, 1862) andCliona Nigricans(Schmidt, 1862) (Porifera, Hadromerida): evidence which shows they are the same species. Ophelia, 1991, 33, 45-53.	0.3	32
118	Sponges from bathyal depths (1000â€“1750 m) in the Western Mediterranean Sea. Journal of Natural History, 1990, 24, 373-391.	0.5	22
119	Sponge Communities in Three Submarine Caves of the Balearic Islands (Western Mediterranean): Adaptations and Faunistic Composition. Marine Ecology, 1989, 10, 317-334.	1.1	43