Adriana Giangrande

List of Publications by Year
in descending order

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121 papers	2,997 citations	172207 29 h-index	205818 48 g-index
124 all docs	124 docs citations	124 times ranked	2782 citing authors

#	Article	IF	Citations
1	Alien species along the Italian coasts: an overview. Biological Invasions, 2011, 13, 215-237.	1.2	183
2	Polychaetes as environmental indicators revisited. Marine Pollution Bulletin, 2005, 50, 1153-1162.	2.3	168
3	Adaptation and acclimatization to ocean acidification in marine ectotherms: anin situtransplant experiment with polychaetes at a shallow CO₂vent system. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120444.	1.8	165
4	Mediterranean Bioconstructions Along the Italian Coast. Advances in Marine Biology, 2018, 79, 61-136.	0.7	142
5	Biodiversity, conservation, and the ?Taxonomic impediment?. Aquatic Conservation: Marine and Freshwater Ecosystems, 2003, 13, 451-459.	0.9	103
6	Structural and functional response of meiofauna rocky assemblages to sewage pollution. Marine Pollution Bulletin, 2006, 52, 540-548.	2.3	79
7	Pre- and post-settlement events in benthic community dynamics. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2002, 25, 285-295.	0.7	77
8	Polychaete zonation and its relation to algal distribution down a vertical cliff in the western Mediterranean (Italy): a structural analysis. Journal of Experimental Marine Biology and Ecology, 1988, 120, 263-276.	0.7	65
9	Filtering activity of Spongia officinalis var. adriatica (Schmidt) (Porifera, Demospongiae) on bacterioplankton: Implications for bioremediation of polluted seawater. Water Research, 2006, 40, 3083-3090.	5.3	64
10	Distribution of soft-bottom polychaetes in two coastal areas of the Tyrrhenian Sea (Italy): Structural analysis. Estuarine, Coastal and Shelf Science, 1986, 23, 847-862.	0.9	61
11	Sabella spallanzanii filter-feeding on bacterial community: Ecological implications and applications. Marine Environmental Research, 2006, 61, 74-92.	1.1	59
12	Effects of offshore platforms on soft-bottom macro-benthic assemblages: A case study in a Mediterranean gas field. Marine Pollution Bulletin, 2008, 56, 1303-1309.	2.3	56
13	Ecosystem vulnerability to alien and invasive species: a case study on marine habitats along the Italian coast. Aquatic Conservation: Marine and Freshwater Ecosystems, 2016, 26, 392-409.	0.9	55
14	Clearance rates of Sabella spallanzanii and Branchiomma luctuosum (Annelida: Polychaeta) on a pure culture of Vibrio alginolyticus. Water Research, 2005, 39, 4375-4384.	5.3	53
15	Utilization of the filter feeder polychaete Sabella. Aquaculture International, 2005, 13, 129-136.	1.1	50
16	Reproduction and simultaneous hermaphroditism in Branchiomma luctuosum (Polychaeta,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.3	46
17	A Mediterranean mesophotic coral reef built by non-symbiotic scleractinians. Scientific Reports, 2019, 9, 3601.	1.6	45
18	Nonindigenous species along the Apulian coast, Italy. Chemistry and Ecology, 2010, 26, 121-142.	0.6	43

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19	Polychaete assemblages along a rocky shore on the South Adriatic coast (Mediterranean Sea): patterns of spatial distribution. Marine Biology, 2003, 143, 1109-1116.	0.7	41
20	Managing the Marine Aquarium Trade: Revealing the Data Gaps Using Ornamental Polychaetes. PLoS ONE, 2012, 7, e29543.	1.1	41
21	Mediterranean Syllidae (Annelida: Polychaeta) revisited: biogeography, diversity and species fidelity to environmental features. Marine Ecology - Progress Series, 2005, 304, 143-153.	0.9	39
22	The mucus of Sabella spallanzanii (Annelida, Polychaeta): Its involvement in chemical defence and fertilization success. Journal of Experimental Marine Biology and Ecology, 2009, 374, 144-149.	0.7	36
23	Chemical and structural defensive external strategies in six sabellid worms (Annelida). Marine Ecology, 2014, 35, 36-45.	0.4	36
24	An Innovative IMTA System: Polychaetes, Sponges and Macroalgae Co-Cultured in a Southern Italian In-Shore Mariculture Plant (Ionian Sea). Journal of Marine Science and Engineering, 2020, 8, 733.	1.2	36
25	Bioremediation of bacteria in aquaculture waste using the polychaete Sabella spallanzanii. New Biotechnology, 2010, 27, 774-781.	2.4	35
26	Sabellaria spinulosa (Polychaeta, Annelida) reefs in the Mediterranean Sea: Habitat mapping, dynamics and associated fauna for conservation management. Estuarine, Coastal and Shelf Science, 2018, 200, 248-257.	0.9	35
27	Factors influencing latitudinal pattern of biodiversity: an example using Sabellidae (Annelida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.2	33
28	Bacterial accumulation by Branchiomma luctuosum (Annelida: Polychaeta): A tool for biomonitoring marine systems and restoring polluted waters. Marine Environmental Research, 2007, 63, 291-302.	1.1	32
29	Morphological comparison of the regeneration process in <scp>S</scp>abella spallanzanii and <scp>B</scp>ranchiomma luctuosum (<scp>A</scp>nnelida, <scp>S</scp>abellida). Invertebrate Biology, 2012, 131, 40-51.	0.3	31
30	First insights into the biochemistry ofSabella spallanzanii(Annelida: Polychaeta) mucus: a potentially unexplored resource for applicative purposes. Journal of the Marine Biological Association of the United Kingdom, 2011, 91, 199-208.	0.4	30
31	Inventory and distribution of hard bottom fauna from the marine protected area of Porto Cesareo (Ionian Sea): Porifera and Polychaeta. Italian Journal of Zoology, 2004, 71, 237-245.	0.6	29
32	The Mediterranean in check: Biological invasions in a changing sea. Marine Ecology, 2020, 41, e12583.	0.4	27
33	From biodiversity and ecosystem functioning to the roots of ecological complexity. Ecological Complexity, 2004, 1, 101-109.	1.4	26
34	Variability of fouling communities in the Mar Piccolo of Taranto (Northern Ionian Sea, Mediterranean) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	26
35	Integrated Multitrophic Aquaculture By-Products with Added Value: The Polychaete Sabella spallanzanii and the Seaweed Chaetomorpha linum as Potential Dietary Ingredients. Marine Drugs, 2019, 17, 677.	2.2	25
36	Massive bioconstructions built by Neopycnodonte cochlear (Mollusca, Bivalvia) in a mesophotic environment in the central Mediterranean Sea. Scientific Reports, 2020, 10, 6337.	1.6	25

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37	Revision of the species ofMegalomma(Polychaeta, Sabellidae) from the Mediterranean Sea, with the description ofM. messapicumn. sp.. Italian Journal of Zoology, 2008, 75, 207-217.	0.6	24
38	Filter-feeder macroinvertebrates as key players in culturable bacteria biodiversity control: A case of study with Sabella spallanzanii (Polychaeta: Sabellidae). Marine Environmental Research, 2007, 64, 504-513.	1.1	23
39	The use of coarser taxonomy in the detection of long-term changes in polychaete assemblages. Marine Environmental Research, 2011, 71, 131-138.	1.1	21
40	Diversity of reproductive features in some Antarctic polynoid and sabellid polychaetes, with a description of Demonax polarsterni sp. n. (Polychaeta, Sabellidae). Polar Biology, 2001, 24, 883-891.	0.5	20
41	Heavy metals in five Sabellidae species (Annelida, Polychaeta): ecological implications. Environmental Science and Pollution Research, 2017, 24, 3759-3768.	2.7	20
42	Seasonal and bathymetric effects on macrofouling invertebratesâ€™ primary succession in a mediterraenan non-indigenous species hotspot area. Mediterranean Marine Science, 2019, 19, 572.	0.6	20
43	New species of Pseudofabriciola Fitzhugh, 1990 (Polychaeta: Sabellidae: Fabriciinae), from the Mediterranean Sea. Zoological Journal of the Linnean Society, 1994, 110, 219-241.	1.0	19
44	Data integration for European marine biodiversity research: creating a database on benthos and plankton to study large-scale patterns and long-term changes. Hydrobiologia, 2010, 644, 1-13.	1.0	19
45	Characterization of Vibrios Diversity in the Mucus of the Polychaete Myxicola infundibulum (Annellida, Polichaeta). Microbial Ecology, 2014, 67, 186-194.	1.4	19
46	Aquaculture and Restoration: Perspectives from Mediterranean Sea Experiences. Water (Switzerland), 2021, 13, 991.	1.2	19
47	Clarifying the taxonomic status of the alien species Branchiomma bairdi and Branchiomma boholense (Annelida: Sabellidae) using molecular and morphological evidence. PLoS ONE, 2018, 13, e0197104.	1.1	18
48	El gÃ©nero Branchiomma (Polychaeta: Sabellidae) en el MediterrÃ¡neo, con la descripciÃ³n de B. maerli n. sp.. Scientia Marina, 2008, 72, .	0.3	18
49	The genusChone(Polychaeta, Sabellidae) in the mediterranean Sea with description ofC. Longisetan.sp. Bollettino Di Zoologia, 1992, 59, 517-529.	0.3	17
50	Experimental co-culture of low food-chain organisms, Sabella spallanzanii (Polychaeta, Sabellidae) and Cladophora prolifera (Chlorophyta, Cladophorales), in Porto Cesareo area (Mediterranean Sea). Aquaculture Research, 2006, 37, 966-974.	0.9	17
51	Life Cycle, Growth and Secondary Production in a Brackishâ€Water Population of the PolychaeteNotomastus latericeus (Capitellidae)in the Mediterranean Sea. Marine Ecology, 1993, 14, 313-327.	0.4	16
52	Effects of a Shortâ€term Environmental Change on a Brackishâ€water Polychaete Community. Marine Ecology, 1996, 17, 321-332.	0.4	16
53	The genus Perkinsiana (Polychaeta, Sabellidae) from Antarctica, with descriptions of the new species P. milae and P. borsibrunoi. Zoologica Scripta, 1997, 26, 267-278.	0.7	16
54	Regeneration and clonality in Metazoa. The price to pay for evolving complexity. Invertebrate Reproduction and Development, 2014, 58, 1-8.	0.3	16

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55	Paradigm shifts in community ecology: Open versus closed units, challenges and limits of connectivity studies. Marine Ecology, 2017, 38, e12480.	0.4	16
56	The genusDemonax(Polychaeta, Sabellidae) in the Mediterranean Sea, with description ofD. tommasin.sp.. Bollettino Di Zoologia, 1994, 61, 229-233.	0.3	15
57	Metamerism and lifeâ€style within polychaetes: Morphoâ€functional aspects and evolutionary implications. Italian Journal of Zoology, 1998, 65, 39-50.	0.6	15
58	Selecting Factors in Polychaete Communities of Central Mediterranean Coastal Lagoons. International Review of Hydrobiology, 1988, 73, 465-476.	0.6	14
59	Microbiological accumulation by the Mediterranean invasive alien species Branchiomma bairdi (Annelida, Sabellidae): Potential tool for bioremediation. Marine Pollution Bulletin, 2014, 86, 325-331.	2.3	14
60	Growth and population dynamics of the nonâ€indigenous species Branchiomma luctuosum Grube (Annelida, Sabellidae) in the Ionian Sea (Mediterranean Sea). Marine Ecology, 2015, 36, 517-529.	0.4	14
61	Successional dynamics of marine fouling hydroids (Cnidaria: Hydrozoa) at a finfish aquaculture facility in the Mediterranean Sea. PLoS ONE, 2018, 13, e0195352.	1.1	14
62	Perception of Changes in Marine Benthic Habitats: The Relevance of Taxonomic and Ecological Memory. Diversity, 2020, 12, 480.	0.7	14
63	Variation and ontogenetic changes of opercular paleae in a population of Sabellaria spinulosa (Polychaeta: Sabellaridae) from the South Adriatic Sea, with remarks on larval development. Scientia Marina, 2015, 79, 137-150.	0.3	14
64	Preliminary study on the systematic relationships of Sabellinae (Polychaeta, Sabellidae), based on the C1 domain of the 28S rDNA, with discussion of reproductive features. Italian Journal of Zoology, 2003, 70, 269-278.	0.6	13
65	Revision of Chone KrÃ¸yer, 1856 (Polychaeta: Sabellidae) from the eastern central Atlantic and Mediterranean Sea with descriptions of two new species. Scientia Marina, 2007, 71, 315-338.	0.3	13
66	Benthic assemblage of Acquatina Lake (South Adriatic Sea): present state and long-term faunistic changes. Scientia Marina, 2010, 74, 235-246.	0.3	13
67	On someAmphicorina(Polychaeta, Sabellidae) species from the Mediterranean coast, with the description of A.grahamensis. Italian Journal of Zoology, 1999, 66, 195-203.	0.6	12
68	Local recruitment differences inPlatynereis dumerilii(Polychaeta, Nereididae) and their consequences for population structure. Italian Journal of Zoology, 2002, 69, 133-139.	0.6	12
69	The genusEuchone(Polychaeta, Sabellidae) in the Mediterranean Sea, addition of two new species and discussion on some closely related taxa. Journal of Natural History, 2006, 40, 1301-1330.	0.2	12
70	A collection of Sabellidae (Polychaeta) from Carrie Bow Cay (Belize, western Caribbean Sea) with the description of two new species. Zootaxa, 2007, 1650, 41-53.	0.2	12
71	Particulate organic matter uptake rates of two benthic filter-feeders (Sabella spallanzanii and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Pollution Bulletin, 2007, 54, 622-625.	2.3	12
72	Role of Myxicola infundibulum (Polychaeta, Annelida) mucus: From bacterial control to nutritional home site. Journal of Experimental Marine Biology and Ecology, 2014, 461, 344-349.	0.7	12

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73	The Mediterranean non-indigenous ascidian Polyandrocarpa zorritensis : Microbiological accumulation capability and environmental implications. Marine Pollution Bulletin, 2015, 101, 146-152.	2.3	12
74	Diversity and Distribution Patterns of Hard Bottom Polychaete Assemblages in the North Adriatic Sea (Mediterranean). Diversity, 2020, 12, 408.	0.7	12
75	External gestation of Exogone naidina Ã–rsted, 1845 (Polychaeta, Syllidae): ventral attachment of eggs and embryos. Tissue and Cell, 2003, 35, 297-305.	1.0	11
76	Sabellidae and Fabriciidae (Polychaeta) of the Adriatic Sea with particular retrospect to the Northern Adriatic and the description of two new species. Journal of the Marine Biological Association of the United Kingdom, 2013, 93, 1511-1524.	0.4	11
77	Settlement and population dynamics of the alien invasive Branchiomma bairdi (Annelida:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Biology Research, 2016, 12, 830-841.	0.3	11
78	Behaviour, irrigation and respiration in Eudistylia vancouveri (Polychaeta: Sabellidae). Journal of the Marine Biological Association of the United Kingdom, 1991, 71, 27-35.	0.4	10
79	A new species of Sphaerosyllis (Polychaeta, Syllidae, Exogoninae) from the coasts of Italy and Cyprus (eastern Mediterranean Sea). Italian Journal of Zoology, 2005, 72, 161-166.	0.6	10
80	Disentangling invasions in the sea: molecular analysis of a global polychaete species complex (Annelida: Spionidae: Pseudopolydora paucibranchiata). Biological Invasions, 2020, 22, 3621-3644.	1.2	10
81	A new sponge-associated species, Syllis mayeri n. sp.(Polychaeta: Syllidae), with a discussion on the status of S. armillaris (MÃ¼ller, 1776). Scientia Marina, 2005, 69, 467-474.	0.3	10
82	Sperm ultrastructure and spermiogenesis in two Exogone species (Polychaeta, Syllidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.3	9
83	Rearing experiences of the polychaete Sabella spallanzanii in the Gulf of Taranto (Mediterranean Sea,) Tj ETQq1 1 0.784314 rgBT /Ove	1.1	9
84	Two cases study of fouling colonization patterns in the Mediterranean Sea in the perspective of integrated aquaculture systems. Aquaculture Reports, 2020, 18, 100455.	0.7	9
85	The Pandoraâ€™s box: Morphological diversity within the genus Amphiglena ClaparÃ¨de, 1864 (Sabellidae,) Tj ETQq1 1 0.784314 rgB zootaxa.4949.2.1.	0.2	9
86	Consequences of the experimental removal of Sabella spallanzanii (Gmelin, 1791) from the fouling assemblage of a Mediterranean harbour. Mediterranean Marine Science, 2019, 20, 476.	0.6	9
87	Two species of polychaetes new to the Mediterranean fauna. Bollettino Di Zoologia, 1981, 48, 311-317.	0.3	8
88	The genus Novafabricia Fitzhugh, 1990 (Polychaeta: Sabellidae: Fabriciinae) along the Italian coast (Mediterranean Sea) with a description of N. posidoniaeThe genus Novafabricia		

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91	Filtering activity on a pure culture of Vibrio alginolyticus by the solitary ascidian Styela plicata and the colonial ascidian Polyandrocarpa zorritensis: a potential service to improve microbiological seawater quality economically. Science of the Total Environment, 2016, 573, 11-18.	3.9	7
92	Polychaete Diversity Related to Different Mesophotic Bioconstructions along the Southeastern Italian Coast. Diversity, 2021, 13, 239.	0.7	7
93	Sperm ultra-structure and spermiogenesis in <i>Syllis krohni</i> (Polychaeta: Syllidae), with some observations on its reproductive biology. Scientia Marina, 2006, 70, 585-592.	0.3	7
94	Sabellaria alveolata versus Sabellaria spinulosa Reefs along the Italian Coasts: A New Methodological Proposal to Compare Different Growth Models. Geosciences (Switzerland), 2021, 11, 426.	1.0	7
95	Biofouling Role in Mariculture Environment Restoration: An Example in the Mar Grande of Taranto (Mediterranean Sea). Frontiers in Marine Science, 2022, 9, .	1.2	7
96	Novafabricia Bilobatasp. nov. (Polychaeta, Sabellidae, Fabriciinae) from the mediterranean. Ophelia, 1991, 33, 113-120.	0.3	6
97	Description of Chone usticensis sp. nov. (Polychaeta, Sabellidae) from the Mediterranean Sea. Zootaxa, 2006, 1168, 51.	0.2	6
98	Dialychone, Jasmineira and Paradialychone (Annelida: Polychaeta: Sabellidae) from Japan and adjacent waters, including four new species descriptions. Zootaxa, 2009, 2167, .	0.2	6
99	Larval development and postâ€larval growth of Branchiomma bairdi (Annelida: Sabellidae) from a Mediterranean population. Invertebrate Biology, 2017, 136, 207-216.	0.3	6
100	First Insight on the Mucus of the Annelid Myxicola infundibulum (Polychaeta, Sabellidae) as a Potential Prospect for Drug Discovery. Marine Drugs, 2019, 17, 396.	2.2	6
101	Effects of short-term and long-term exposure to ocean acidification on carbonic anhydrase activity and morphometric characteristics in the invasive polychaete Branchiomma boholense (Annelida:) Tj ETQq1 1 0.784314 rgBT /Overloc	1.1	1
102	Notes on the species of Perkinsiana (Polychaeta: Sabellidae) from Antarctica with the description of P. brigittae sp. nov.. Zootaxa, 2012, 3485, 56.	0.2	5
103	The genusMegalomma(Annelida: Sabellidae) in the Mediterraenan Sea, with description of two new species from Italian and Croatian coasts. Italian Journal of Zoology, 2015, 82, 521-534.	0.6	5
104	Project â€œBiodiversity MARE Tricaseâ€: biodiversity research, monitoring and promotion at MARE Outpost (Apulia, Italy). Rendiconti Lincei, 2018, 29, 599-604.	1.0	5
105	A new genus of Sabellidae (Annelida, Polychaeta) from Antarctica, with discussion of relationships among plesiomorphic genera within Sabellinae. Zootaxa, 2009, 2226, 28-42.	0.2	5
106	Ecological role and phylogenetic position of a new habitat-forming species (Canalipalpata, Sabellidae) from the Mediterranean mesophotic soft bottoms. Estuarine, Coastal and Shelf Science, 2022, 265, 107737.	0.9	5
107	An Integrated Monitoring Approach to the Evaluation of the Environmental Impact of an Inshore Mariculture Plant (Mar Grande of Taranto, Ionian Sea). Biology, 2022, 11, 617.	1.3	5
108	Evidence of regenerative ability in Myxicola infundibulum (Annelida, Sabellida): evolutionary and systematic implications. Invertebrate Biology, 2015, 134, 48-60.	0.3	4

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109	Two new species of Cirratulidae (Annelida: Polychaeta) from the southern coast of Italy. Marine Biodiversity, 2016, 46, 681-686.	0.3	4
110	New species of Streblosoma (Thelepodidae, Annelida) from the Mediterranean Sea: S. pseudocomatus sp. nov., S. nogueirai sp. nov. and S. hutchingsae sp. nov.. Journal of Natural History, 2018, 52, 2857-2873.	0.2	4
111	Perceived social welfare as a driver of green products consumption: Evidences from an integrated multi-trophic aquaculture production. Current Research in Environmental Sustainability, 2021, 3, 100081.	1.7	4
112	Variability among Mediterranean populations ofSabella pavonina(Annelida: Sabellidae). Italian Journal of Zoology, 2014, 81, 100-111.	0.6	3
113	Reproductive biology of Ophelia barquii (Annelida, Opheliidae) along the Salento Peninsula (Mediterranean Sea, South Italy). Marine Biodiversity, 2020, 50, 1.	0.3	3
114	Filtration of the Microalga Amphidinium carterae by the Polychaetes Sabella spallanzanii and Branchiomma luctuosum: A New Tool for the Control of Harmful Algal Blooms?. Microorganisms, 2022, 10, 156.	1.6	3
115	Settlement patterns of two Spirorbidae (Annelida, Polychaeta) species in the harbour of Ischia (Gulf) Tj ETQq1 1 0.784314 rgBT /Over	0.6	2
116	A study on spermatogenesis of three Mediterranean serpulid species. Italian Journal of Zoology, 2011, 78, 174-181.	0.6	2
117	Atypical reproduction in a syllid worm: the stolon ofSyllis rosea(Annelida, Syllidae) takes care of its offspring. Journal of the Marine Biological Association of the United Kingdom, 2020, 100, 221-227.	0.4	2
118	Diversity and Distribution of Sabellida (Annelida) under Protection Regimes. Water (Switzerland), 2021, 13, 1491.	1.2	2
119	The genus Echinofabricia (Annelida: Fabriciidae) in the Mediterranean Sea with the description of E. rousei sp. nov.. Journal of the Marine Biological Association of the United Kingdom, 2013, 93, 1773-1776.	0.4	1
120	A new species of Pseudobranchiomma (Sabellidae, Polychaeta) from the Sea of Marmara (Turkey). Marine Biodiversity, 2018, 48, 1563-1569.	0.3	1
121	Local diversity and recruitment on artificial substrates: Mytilus galloprovincialis (Lamarck, 1819) vs Sabella spallanzanii (Gmelin, 1791) (Mediterranean Sea). , 2021, , .		0