Francesco Bonasoro

List of Publications by Year
in descending order

56 papers	1,423 citations	279798 23 h-index	361022 35 g-index
57 all docs	57 docs citations	57 times ranked	912 citing authors

#	Article	IF	Citations
1	Studying Echinodermata Arm Explant Regeneration Using Echinaster sepositus. Methods in Molecular Biology, 2022, 2450, 263-291.	0.9	2
2	An evo-devo perspective on the regeneration patterns of continuous arm structures in stellate echinoderms. , 2022, 89, 241-262.		3
3	Characterization of Coelomic Fluid Cell Types in the Starfish Marthasterias glacialis Using a Flow Cytometry/Imaging Combined Approach. Frontiers in Immunology, 2021, 12, 641664.	4.8	12
4	Diverse and Productive Source of Biopolymer Inspiration: Marine Collagens. Biomacromolecules, 2021, 22, 1815-1834.	5.4	22
5	From Food Waste to Innovative Biomaterial: Sea Urchin-Derived Collagen for Applications in Skin Regenerative Medicine. Marine Drugs, 2020, 18, 414.	4.6	46
6	Interactive effects between sinking polyethylene terephthalate (PET) microplastics deriving from water bottles and a benthic grazer. Journal of Hazardous Materials, 2020, 398, 122848.	12.4	31
7	Structural and mechanical aspects of the mouth-frame of the brittlestar Ophioderma longicaudum (Retz.). , 2020, , 387-392.		0
8	Fundamental aspects of arm repair phase in two echinoderm models. Developmental Biology, 2018, 433, 297-309.	2.0	21
9	Regeneration in Stellate Echinoderms: Crinoidea, Asteroidea and Ophiuroidea. Results and Problems in Cell Differentiation, 2018, 65, 285-320.	0.7	29
10	Marine-derived collagen biomaterials from echinoderm connective tissues. Marine Environmental Research, 2017, 128, 46-57.	2.5	52
11	An integrated view of asteroid regeneration: tissues, cells and molecules. Cell and Tissue Research, 2017, 370, 13-28.	2.9	26
12	Wound repair during arm regeneration in the red starfish <scp>E</scp>chinaster sepositus. Wound Repair and Regeneration, 2015, 23, 611-622.	3.0	22
13	Reâ€growth, morphogenesis, and differentiation during starfish arm regeneration. Wound Repair and Regeneration, 2015, 23, 623-634.	3.0	25
14	Ultrastructural and biochemical characterization of mechanically adaptable collagenous structures in the edible sea urchin Paracentrotus lividus. Zoology, 2015, 118, 147-160.	1.2	14
15	Comparing dynamic connective tissue in echinoderms and sponges: Morphological and mechanical aspects and environmental sensitivity. Marine Environmental Research, 2014, 93, 123-132.	2.5	15
16	Echinoderm regeneration: an in vitro approach using the crinoid Antedon mediterranea. Cell and Tissue Research, 2014, 358, 189-201.	2.9	11
17	The reaction of the sponge Chondrosia reniformis to mechanical stimulation is mediated by the outer epithelium and the release of stiffening factor(s). Zoology, 2014, 117, 282-291.	1.2	12
18	Production, Characterization and Biocompatibility of Marine Collagen Matrices from an Alternative and Sustainable Source: The Sea Urchin Paracentrotus lividus. Marine Drugs, 2014, 12, 4912-4933.	4.6	71

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19	The mechanically adaptive connective tissue of echinoderms: Its potential for bio-innovation in applied technology and ecology. Marine Environmental Research, 2012, 76, 108-113.	2.5	32
20	Ecophysiology of mesohyl creep in the demosponge Chondrosia reniformis (Porifera: Chondrosida). Journal of Experimental Marine Biology and Ecology, 2012, 428, 24-31.	1.5	22
21	New insights into the mutable collagenous tissue of Paracentrotus lividus: preliminary results* . Zoosymposia, 2012, 7, 279-285.	0.3	12
22	Wound healing and arm regeneration in Ophioderma longicaudum and Amphiura filiformis (Ophiuroidea, Echinodermata): comparative morphogenesis and histogenesis. Zoomorphology, 2010, 129, 1-19.	0.8	53
23	Chemical fate and biological effects of several endocrine disrupters compounds in two echinoderm species. Ecotoxicology, 2010, 19, 538-554.	2.4	22
24	Reproductive cycle of Antedon mediterranea (Crinoidea, Echinodermata): correlation between morphology and physiology. Zoomorphology, 2009, 128, 119-134.	0.8	5
25	A dynamic model for predicting chemical concentrations in water and biota during the planning phase of aquatic ecotoxicological tests. Chemosphere, 2009, 75, 915-923.	8.2	3
26	Echinoderm regenerative response as a sensitive ecotoxicological test for the exposure to endocrine disrupters: effects of p,pâ€²DDE and CPA on crinoid arm regeneration. Cell Biology and Toxicology, 2008, 24, 573-586.	5.3	12
27	Gametogenesis correlated with steroid levels during the gonadal cycle of the sea urchin Paracentrotus lividus (Echinodermata: Echinoidea). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 147, 466-474.	1.8	36
28	Endocrine disrupting compounds and echinoderms: new ecotoxicological sentinels for the marine ecosystem. Ecotoxicology, 2007, 16, 95-108.	2.4	68
29	Visceral regeneration in the crinoid Antedon mediterranea: basic mechanisms, tissues and cells involved in gut regrowth. Open Life Sciences, 2006, 1, 609-635.	1.4	17
30	Effects of exposure to ED contaminants (TPT-Cl and Fenarimol) on crinoid echinoderms: comparative analysis of regenerative development and correlated steroid levels. Marine Biology, 2006, 149, 65-77.	1.5	16
31	Mechanical adaptability of a sponge extracellular matrix: evidence for cellular control of mesohyl stiffness in Chondrosia reniformisNardo. Journal of Experimental Biology, 2006, 209, 4436-4443.	1.7	22
32	New evidence for serotonergic control of regenerative processes in crinoids. , 2004, , 141-146.		0
33	Expression of transforming growth factor Î²-like molecules in normal and regenerating arms of the crinoidAntedon mediterranea: immunocytochemical and biochemical evidence. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 1741-1747.	2.6	22
34	Dynamic structure of the mesohyl in the sponge Chondrosia reniformis (Porifera, Demospongiae). Zoomorphology, 2001, 121, 109-121.	0.8	42
35	Changes in Ubiquitin Conjugates and Hsp72 Levels During Arm Regeneration in Echinoderms. Marine Biotechnology, 2001, 3, 4-15.	2.4	14
36	Introduction to the biology of regeneration in echinoderms. Microscopy Research and Technique, 2001, 55, 365-368.	2.2	41

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37	Microscopic overview of crinoid regeneration. Microscopy Research and Technique, 2001, 55, 403-426.	2.2	90
38	Title is missing!. Journal of Insect Behavior, 2001, 14, 299-312.	0.7	6
39	Regenerative response and endocrine disrupters in crinoid echinoderms: arm regeneration in Antedon mediterranea after experimental exposure to polychlorinated biphenyls. Journal of Experimental Biology, 2001, 204, 835-842.	1.7	26
40	Growth Factors, Heat-Shock Proteins and Regeneration in Echinoderms. Journal of Experimental Biology, 2001, 204, 843-848.	1.7	42
41	PCB exposure and regeneration in crinoids (Echinodermata). Marine Ecology - Progress Series, 2001, 215, 155-167.	1.9	24
42	Regenerative response and endocrine disrupters in crinoid echinoderms: arm regeneration in Antedon mediterranea after experimental exposure to polychlorinated biphenyls. Journal of Experimental Biology, 2001, 204, 835-42.	1.7	23
43	Growth factors, heat-shock proteins and regeneration in echinoderms. Journal of Experimental Biology, 2001, 204, 843-8.	1.7	31
44	A spicule-reinforced contractile mesentery: organisation and mechanical behaviour of the exterior coelomic septum of Stylocidaris affinis (Echinodermata, Echinoida). Zoomorphology, 2000, 120, 119-133.	0.8	2
45	Identification of particular epithelial areas and cells that transport polypeptide-coated nanoparticles in the nasal respiratory mucosa of the rabbit. Biochimica Et Biophysica Acta - Biomembranes, 1999, 1416, 39-47.	2.6	31
46	Leucine transport in Xenopus laevis oocytes: Functional and morphological analysis of different defolliculation procedures. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1998, 119, 1009-1017.	1.8	2
47	Cellular and molecular mechanisms of arm regeneration in crinoid echinoderms: the potential of arm explants. Development Genes and Evolution, 1998, 208, 421-430.	0.9	49
48	Organization and mechanical behaviour of myocyte-ligament composites in a sea-urchin lantern: the compass depressors of Stylocidaris affinis (Echinodermata, Echinoida). Zoomorphology, 1998, 118, 87-101.	0.8	9
49	Pattern of bromodeoxyuridine incorporation in the advanced stages of arm regeneration in the feather star Antedon mediterranea. Cell and Tissue Research, 1997, 289, 363-374.	2.9	44
50	Tissue distribution of monoamine neurotransmitters in normal and regenerating arms of the feather star Antedon mediterranea. Cell and Tissue Research, 1996, 285, 341-352.	2.9	22
51	Pattern of cell proliferation in the early stages of arm regeneration in the feather starAntedon mediterranea. The Journal of Experimental Zoology, 1995, 272, 464-474.	1.4	54
52	The peristomial membrane of regular seaâ€urchins: Functional morphology of the epidermis and coelomic lining inParacentrotus lividus(Lamarck). Bollettino Di Zoologia, 1995, 62, 121-135.	0.3	5
53	Atypical Chordoid Structures in the Aristotle's Lantern of Regular Echinoids. Acta Zoologica, 1994, 75, 89-100.	0.8	7
54	Mechanisms of arm regeneration in the feather starAntedon mediterranea: Healing of wound and early stages of development. The Journal of Experimental Zoology, 1993, 267, 299-317.	1.4	51

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55	The compass depressors ofParacentrotus lividus (Echinodermata, Echinoida): ultrastructural and mechanical aspects of their variable tensility and contractility. Zoomorphology, 1992, 112, 143-153.	0.8	31
56	Microstructure and mechanical design in the lantern ossicles of the regular seaâ€urchinParacentrotus lividusiA scanning electron microscope study. Bollettino Di Zoologia, 1991, 58, 1-42.	0.3	21