

Lorenzo Gallus

List of Publications by Year in descending order

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67
papers

1,140
citations

430843

18
h-index

454934

30
g-index

67
all docs

67
docs citations

67
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Developmental abnormalities and changes in cholinesterase activity in sea urchin embryos and larvae from sperm exposed to engineered nanoparticles. <i>Aquatic Toxicology</i> , 2013, 130-131, 77-85.	4.0	68
4	Observations of crypt neuron-like cells in the olfactory epithelium of a cartilaginous fish. <i>Neuroscience Letters</i> , 2006, 403, 280-282.	2.1	61
5	Production, Characterization and Biocompatibility Evaluation of Collagen Membranes Derived from Marine Sponge <i>Chondrosia reniformis</i> Nardo, 1847. <i>Marine Drugs</i> , 2018, 16, 111.	4.6	54
6	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
7	Immunolocalization of Protein Alpha Subunits in the Olfactory System of the Cartilaginous Fish <i>Scyliorhinus Canicula</i> . <i>Anatomical Record</i> , 2009, 292, 1771-1779.	1.4	38
8	Secondary Folds Contribute Significantly to the Total Surface Area in the Olfactory Organ of Chondrichthyes. <i>Frontiers in Physiology</i> , 2019, 10, 245.	2.8	37
9	Photobiomodulation by Infrared Diode Laser: Effects on Intracellular Calcium Concentration and Nitric Oxide Production of <i>Paramecium</i> . <i>Photochemistry and Photobiology</i> , 2016, 92, 854-862.	2.5	33
10	Clarification of the Terminology of the Olfactory Lamellae in Chondrichthyes. <i>Anatomical Record</i> , 2017, 300, 2039-2045.	1.4	33
11	Fipronil (Phenylpyrazole) induces hemato-biochemical, histological and genetic damage at low doses in common carp, <i>Cyprinus carpio</i> (Linnaeus, 1758). <i>Ecotoxicology</i> , 2018, 27, 1261-1271.	2.4	31
12	Appearance of Crypt Neurons in the Olfactory Epithelium of the Skate <i>Raja clavata</i> During Development. <i>Anatomical Record</i> , 2007, 290, 1268-1272.	1.4	27
13	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
14	First detection of olfactory marker protein (OMP) immunoreactivity in the olfactory epithelium of a cartilaginous fish. <i>Neuroscience Letters</i> , 2007, 413, 173-176.	2.1	24
15	G protein alpha subunits in the olfactory epithelium of the holocephalan fish <i>Chimaera monstrosa</i> . <i>Neuroscience Letters</i> , 2010, 472, 65-67.	2.1	24
16	A Demonstration of Nesting in Two Antarctic Icefish (Genus <i>Chionodraco</i>) Using a Fin Dimorphism Analysis and Ex Situ Videos. <i>PLoS ONE</i> , 2014, 9, e90512.	2.5	24
17	Molecular Cloning, Characterization, and Expression Analysis of a Prolyl 4-Hydroxylase from the Marine Sponge <i>Chondrosia reniformis</i> . <i>Marine Biotechnology</i> , 2015, 17, 393-407.	2.4	22
18	Cell proliferation and apoptosis in the olfactory epithelium of the shark <i>Scyliorhinus canicula</i> . <i>Journal of Chemical Neuroanatomy</i> , 2010, 40, 293-300.	2.1	20

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19	Is the olfactory system of cartilaginous fishes a vomeronasal system?. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 37.	1.7	19
20	Silica-induced fibrosis: an ancient response from the early metazoans. <i>Journal of Experimental Biology</i> , 2017, 220, 4007-4015.	1.7	19
21	Endocytosis of GABAB receptors modulates membrane excitability in the single-celled organism <i>Paramecium</i> . <i>Journal of Cell Science</i> , 2006, 119, 2056-2064.	2.0	18
22	Insights into the evolution of metazoan regenerative mechanisms: TGF superfamily member roles in tissue regeneration of the marine sponge <i>Chondrosia reniformis</i> Nardo, 1847. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	18
23	Detection of cholinesterase activities and acetylcholine receptors during the developmental cycle of <i>Dictyostelium discoideum</i> . <i>European Journal of Protistology</i> , 2003, 39, 213-222.	1.5	17
24	The GABAergic-like system in the marine demosponge <i>Chondrilla nucula</i> . <i>Microscopy Research and Technique</i> , 2007, 70, 944-951.	2.2	15
25	Immunolocalization of G protein alpha subunits in the olfactory system of <i>Polypterus senegalus</i> (Cladistia, Actinopterygii). <i>Neuroscience Letters</i> , 2011, 499, 127-131.	2.1	15
26	Histopathological analysis of the olfactory epithelium of zebrafish (<i>Danio rerio</i>) exposed to sublethal doses of urea. <i>Journal of Anatomy</i> , 2016, 228, 59-69.	1.5	15
27	The earthworm <i>Dendrobaena veneta</i> (Annelida): A new experimental-organism for photobiomodulation and wound healing. <i>European Journal of Histochemistry</i> , 2018, 62, 2867.	1.5	15
28	Gross anatomy and histology of the olfactory rosette of the shark <i>Heptranchias perlo</i> . <i>Zoology</i> , 2017, 122, 27-37.	1.2	13
29	GABAB receptor intracellular trafficking after internalization in <i>Paramecium</i> . <i>Microscopy Research and Technique</i> , 2005, 68, 290-295.	2.2	12
30	Distribution of FMRFamide-like immunoreactivity in the alimentary tract and hindgut ganglia of the barnacle <i>Balanus amphitrite</i> (Cirripedia, Crustacea). <i>Microscopy Research and Technique</i> , 2006, 69, 636-641.	2.2	12
31	Neuronal nitric oxide synthase (nNOS) immunoreactivity in the olfactory system of a cartilaginous fish. <i>Journal of Chemical Neuroanatomy</i> , 2012, 43, 133-140.	2.1	12
32	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
33	Metabotropic γ -aminobutyric acid (GABA _B) receptors modulate feeding behavior in the calcsponge <i>Leucandra aspera</i> . <i>Journal of Experimental Zoology</i> , 2011, 315A, 132-140.	1.2	11
34	The photobiomodulation effect of higher-fluence 808-nm laser therapy with a flat-top handpiece on the wound healing of the earthworm <i>Dendrobaena veneta</i> : a brief report. <i>Lasers in Medical Science</i> , 2018, 33, 221-225.	2.1	11
35	FMRFamide-like immunoreactivity in the sea-fan <i>Eunicella cavolini</i> (Cnidaria: Octocorallia). <i>Cell and Tissue Research</i> , 2005, 320, 331-336.	2.9	10
36	Distribution of choline acetyltransferase immunoreactivity in the alimentary tract of the barnacle <i>Balanus amphitrite</i> (Cirripedia, Crustacea). <i>Neuroscience Letters</i> , 2006, 409, 230-233.	2.1	10

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37	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
38	Reproductive features of the Antarctic silverfish (<i>Pleuragramma antarctica</i>) from the western Ross Sea. <i>Polar Biology</i> , 2017, 40, 199-211.	1.2	10
39	Presence and distribution of FMRFamide-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
40	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
41	NMDA R1 receptor distribution in the cyprid of <i>Balanus amphitrite</i> (=Amphibalanus amphitrite) (Cirripedia, Crustacea). <i>Neuroscience Letters</i> , 2010, 485, 183-188.	2.1	8
42	Permethrin drastically affects the developmental cycle of the non-target slime mould <i>Dictyostelium discoideum</i> . <i>Chemosphere</i> , 2018, 193, 1-7.	8.2	8
43	Simulated microgravity induces nuclear translocation of Bax and BCL-2 in glial cultured C6 cells. <i>Heliyon</i> , 2019, 5, e01798.	3.2	8
44	Olfaction in the Antarctic toothfish <i>Dissostichus mawsoni</i> : clues from the morphology and histology of the olfactory rosette and bulb. <i>Polar Biology</i> , 2019, 42, 1081-1091.	1.2	8
45	The GABAergic-like system in the cyprid of <i>Balanus amphitrite</i> (=Amphibalanus amphitrite) (Cirripedia). <i>Tj ETQq1 1 0,784314,rgBT /Over</i>	2.2	8
46	First Evidence of a Leptin-Like Peptide in a Cartilaginous Fish. <i>Anatomical Record</i> , 2010, 293, 1692-1697.	1.4	7
47	Identification of aquaporins in eggs and early embryogenesis of the sea urchin <i>Paracentrotus lividus</i> . <i>Acta Histochemica</i> , 2013, 115, 257-263.	1.8	7
48	Leptin-like immunoreactivity in the muscle of juvenile sea bass (<i>Dicentrarchus labrax</i>). <i>Microscopy Research and Technique</i> , 2010, 73, 797-802.	2.2	6
49	First detection of taste buds in a chimaeroid fish (Chondrichthyes: Holocephali) and their $\text{G}\hat{\pm}$ i-like immunoreactivity. <i>Neuroscience Letters</i> , 2012, 517, 98-101.	2.1	6
50	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
51	Aquaporin in <i>Chondrosia reniformis</i> Nardo, 1847 and Its Possible Role in the Interaction Between Cells and Engulfed Siliceous Particles. <i>Biological Bulletin</i> , 2016, 230, 220-232.	1.8	6
52	First Description of a Palatal Organ in <i>Chimaera monstrosa</i> (Chondrichthyes, Holocephali). <i>Anatomical Record</i> , 2016, 299, 118-131.	1.4	6
53	Variations in macronuclear chromatin structure and chromatin extrusion in excystment from resting cysts of <i>Colpoda inflata</i> . <i>European Journal of Protistology</i> , 2001, 37, 281-290.	1.5	5
54	The tongue morphology and lingual gland histochemistry of Ligurian Sea odontocetes. <i>Marine Mammal Science</i> , 2010, 26, no-no.	1.8	5

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55	Effects of urea on the molecules involved in the olfactory signal transduction: a preliminary study on <i>Danio rerio</i> . <i>Fish Physiology and Biochemistry</i> , 2014, 40, 1793-1800.	2.3	5
56	Surface egg structure and early embryonic development of the Antarctic toothfish, <i>Dissostichus mawsoni</i> Norman 1937. <i>Polar Biology</i> , 2018, 41, 1717-1724.	1.2	5
57	First identification of a fatal fungal infection of the marine sponge <i>Chondrosia reniformis</i> by <i>Aspergillus tubingensis</i> . <i>Diseases of Aquatic Organisms</i> , 2019, 135, 227-239.	1.0	5
58	C≤protein alpha subunits distribution in the cyprid of <i>Balanus amphitrite</i> (= <i>Amphibalanus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	4
59	Quantification of neurons in the olfactory bulb of the catsharks <i>Scyliorhinus canicula</i> (Linnaeus,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.2	4
60	Impact of Different Salinity Levels on Growing Performance, Food Conversion and Meat Quality of Red Tilapia (<i>Oreochromis</i> sp.) Reared in Seawater Tanks. <i>Pakistan Journal of Zoology</i> , 2018, 50, .	0.2	3
61	Assessment of Optimum Salinity Level for Maximum Growth and Survival of Nile Tilapia, <i>Oreochromis niloticus</i> (Linnaeus 1758). <i>Pakistan Journal of Zoology</i> , 2018, 50, .	0.2	2
62	First detection of neuropeptide Y (NPY)-like immunoreactivity in the lateral line: Presence and distribution in the neuromasts of the Antarctic notothenioid fish <i>Trematomus bernacchii</i> . <i>Neuroscience Letters</i> , 2009, 458, 37-42.	2.1	1
63	Effects of urea on the olfactory reception in zebrafish (<i>Danio rerio</i>). <i>Journal of Biological Research (Italy)</i> , 2016, 89, .	0.1	1
64	Presence and distribution of serotonin in the stomach of the Antarctic silverfish <i>Pleuragramma antarcticum</i> . <i>Polar Biology</i> , 2012, 35, 795-799.	1.2	0
65	The Eureka! by Kary Mullis. <i>Journal of Biological Research (Italy)</i> , 2019, 92, .	0.1	0
66	Effects of nasal parasite species in the small-spotted catshark <i>Scyliorhinus canicula</i> (<i>Scyliorhinidae</i> ;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	0
67	The Arrangement of the Peripheral Olfactory System of <i>Pleuragramma antarcticum</i> : A Well-Exploited Small Sensor, an Aided Water Flow, and a Prominent Effort in Primary Signal Elaboration. <i>Animals</i> , 2022, 12, 663.	2.3	0