

Roberto Chiarelli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

6,999
citations

12
h-index

19
g-index

19
ext. papers

7,775
ext. citations

5.1
avg. IF

3.91
L-index

#	Paper	IF	Citations
19	Vanadium Toxicity Monitored by Fertilization Outcomes and Metal Related Proteolytic Activities in Embryos.. <i>Toxics</i> , 2022 , 10,	4.7	1
18	Toxicological Impact of Rare Earth Elements (REEs) on the Reproduction and Development of Aquatic Organisms Using Sea Urchins as Biological Models.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	3
17	Toxicity of Vanadium during Development of Sea Urchin Embryos: Bioaccumulation, Calcium Depletion, ERK Modulation and Cell-Selective Apoptosis. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6239	6.3	
16	Interactive effects of increased temperature and gadolinium pollution in Paracentrotus lividus sea urchin embryos: a climate change perspective. <i>Aquatic Toxicology</i> , 2021 , 232, 105750	5.1	6
15	Toxic effects induced by vanadium on sea urchin embryos. <i>Chemosphere</i> , 2021 , 274, 129843	8.4	5
14	Cadmium stress effects indicating marine pollution in different species of sea urchin employed as environmental bioindicators. <i>Cell Stress and Chaperones</i> , 2019 , 24, 675-687	4	18
13	Effects of magnesium deprivation on development and biomineralization in the sea urchin <i>Arbacia lixula</i> . <i>Invertebrate Reproduction and Development</i> , 2019 , 63, 165-176	0.7	8
12	Methylation of cytokines gene promoters in IL-1 β treated human intestinal epithelial cells. <i>Inflammation Research</i> , 2018 , 67, 327-337	7.2	21
11	Relationship between apoptosis and survival molecules in human cumulus cells as markers of oocyte competence. <i>Zygote</i> , 2017 , 25, 583-591	1.6	7
10	Induction of skeletal abnormalities and autophagy in Paracentrotus lividus sea urchin embryos exposed to gadolinium. <i>Marine Environmental Research</i> , 2017 , 130, 12-20	3.3	20
9	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
8	Autophagy as a defense strategy against stress: focus on Paracentrotus lividus sea urchin embryos exposed to cadmium. <i>Cell Stress and Chaperones</i> , 2016 , 21, 19-27	4	40
7	Autophagy is required for sea urchin oogenesis and early development. <i>Zygote</i> , 2016 , 24, 918-926	1.6	20
6	The Histone Deacetylase Inhibitor JAHA Down-Regulates pERK and Global DNA Methylation in MDA-MB231 Breast Cancer Cells. <i>Materials</i> , 2015 , 8, 7041-7047	3.5	13
5	Marine Invertebrates as Bioindicators of Heavy Metal Pollution. <i>Open Journal of Metal</i> , 2014 , 04, 93-106	0.3	63
4	Cytotoxic effects of Jay Amin hydroxamic acid (JAHA), a ferrocene-based class I histone deacetylase inhibitor, on triple-negative MDA-MB231 breast cancer cells. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2608-16	4	50
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	4.2	2783

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| 2 | Heavy metals and metalloids as autophagy inducing agents: focus on cadmium and arsenic. <i>Cells</i> , 2012 , 1, 597-616 | 7.9 | 61 |
| 1 | Sea urchin embryos as a model system for studying autophagy induced by cadmium stress. <i>Autophagy</i> , 2011 , 7, 1028-34 | 10.2 | 42 |