

# Roberto Chiarelli

## List of Publications by Citations

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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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
18	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-546	10.2	2783
17	Marine Invertebrates as Bioindicators of Heavy Metal Pollution. <i>Open Journal of Metal</i> , <b>2014</b> , 04, 93-106	0.3	63
16	Heavy metals and metalloids as autophagy inducing agents: focus on cadmium and arsenic. <i>Cells</i> , <b>2012</b> , 1, 597-616	7.9	61
15	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> , <b>2012</b> , 25, 2608-16	4	50
14	Sea urchin embryos as a model system for studying autophagy induced by cadmium stress. <i>Autophagy</i> , <b>2011</b> , 7, 1028-34	10.2	42
13	Autophagy as a defense strategy against stress: focus on <i>Paracentrotus lividus</i> sea urchin embryos exposed to cadmium. <i>Cell Stress and Chaperones</i> , <b>2016</b> , 21, 19-27	4	40
12	Methylation of cytokines gene promoters in IL-1 $\beta$ treated human intestinal epithelial cells. <i>Inflammation Research</i> , <b>2018</b> , 67, 327-337	7.2	21
11	Induction of skeletal abnormalities and autophagy in <i>Paracentrotus lividus</i> sea urchin embryos exposed to gadolinium. <i>Marine Environmental Research</i> , <b>2017</b> , 130, 12-20	3.3	20
10	Autophagy is required for sea urchin oogenesis and early development. <i>Zygote</i> , <b>2016</b> , 24, 918-926	1.6	20
9	Cadmium stress effects indicating marine pollution in different species of sea urchin employed as environmental bioindicators. <i>Cell Stress and Chaperones</i> , <b>2019</b> , 24, 675-687	4	18
8	The Histone Deacetylase Inhibitor JAHA Down-Regulates pERK and Global DNA Methylation in MDA-MB231 Breast Cancer Cells. <i>Materials</i> , <b>2015</b> , 8, 7041-7047	3.5	13
7	Effects of magnesium deprivation on development and biomineralization in the sea urchin <i>Arbacia lixula</i> . <i>Invertebrate Reproduction and Development</i> , <b>2019</b> , 63, 165-176	0.7	8
6	Relationship between apoptosis and survival molecules in human cumulus cells as markers of oocyte competence. <i>Zygote</i> , <b>2017</b> , 25, 583-591	1.6	7
5	Interactive effects of increased temperature and gadolinium pollution in <i>Paracentrotus lividus</i> sea urchin embryos: a climate change perspective. <i>Aquatic Toxicology</i> , <b>2021</b> , 232, 105750	5.1	6
4	Toxic effects induced by vanadium on sea urchin embryos. <i>Chemosphere</i> , <b>2021</b> , 274, 129843	8.4	5
3	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> , <b>2022</b> , 23,	6.3	3

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|---|---|-----|---|
| 2 | Vanadium Toxicity Monitored by Fertilization Outcomes and Metal Related Proteolytic Activities in Embryos.. <i>Toxics</i> , <b>2022</b> , 10,   | 4.7 | 1 |
| 1 | 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> , <b>2022</b> , 23, 6239 | 6.3 |   |