

# Roberto Chiarelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1619929/publications.pdf>

Version: 2024-02-01

19  
papers

8,356  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

20375  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Marine Invertebrates as Bioindicators of Heavy Metal Pollution. <i>Open Journal of Metal</i> , 2014, 04, 93-106.	0.7	109
4	Heavy Metals and Metalloids as Autophagy Inducing Agents: Focus on Cadmium and Arsenic. <i>Cells</i> , 2012, 1, 597-616.	4.1	76
5	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, 2608-2616.	3.3	52
6	Sea urchin embryos as a model system for studying autophagy induced by cadmium stress. <i>Autophagy</i> , 2011, 7, 1028-1034.	9.1	48
7	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> , 2016, 21, 19-27.	2.9	46
8	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.	2.9	37
9	Methylation of cytokines gene promoters in IL-1 $\beta$ -treated human intestinal epithelial cells. <i>Inflammation Research</i> , 2018, 67, 327-337.	4.0	33
10	Induction of skeletal abnormalities and autophagy in <i>Paracentrotus lividus</i> sea urchin embryos exposed to gadolinium. <i>Marine Environmental Research</i> , 2017, 130, 12-20.	2.5	24
11	Autophagy is required for sea urchin oogenesis and early development. <i>Zygote</i> , 2016, 24, 918-926.	1.1	22
12	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.	2.9	18
13	Relationship between apoptosis and survival molecules in human cumulus cells as markers of oocyte competence. <i>Zygote</i> , 2017, 25, 583-591.	1.1	15
14	Interactive effects of increased temperature and gadolinium pollution in <i>Paracentrotus lividus</i> sea urchin embryos: a climate change perspective. <i>Aquatic Toxicology</i> , 2021, 232, 105750.	4.0	14
15	Toxic effects induced by vanadium on sea urchin embryos. <i>Chemosphere</i> , 2021, 274, 129843.	8.2	12
16	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.	0.8	10
17	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, 2876.	4.1	10
18	Vanadium Toxicity Monitored by Fertilization Outcomes and Metal Related Proteolytic Activities in <i>Paracentrotus lividus</i> Embryos. <i>Toxics</i> , 2022, 10, 83.	3.7	4

#	ARTICLE	IF	CITATIONS
19	Toxicity of Vanadium during Development of Sea Urchin Embryos: Bioaccumulation, Calcium Depletion, ERK Modulation and Cell-Selective Apoptosis. International Journal of Molecular Sciences, 2022, 23, 6239.	4.1	3