

# Maria Elena Giordano

## List of Publications by Year in descending order

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15  
papers

623  
citations

840585

11  
h-index

996849

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16  
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16  
docs citations

16  
times ranked

1033  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and characterization of a gold nanoparticles glassy carbon modified electrode for dithiothreitol (DTT) detection suitable to be applied for determination of atmospheric particulate oxidative potential. <i>Analytica Chimica Acta</i> , 2022, 1206, 339556.	2.6	7
2	Oxidative Potential, Cytotoxicity, and Intracellular Oxidative Stress Generating Capacity of PM10: A Case Study in South of Italy. <i>Atmosphere</i> , 2021, 12, 464.	1.0	26
3	Pollution Biomarkers in the Framework of Marine Biodiversity Conservation: State of Art and Perspectives. <i>Water (Switzerland)</i> , 2021, 13, 1847.	1.2	23
4	Concentration Dependence of the Antioxidant and Prooxidant Activity of Trolox in HeLa Cells: Involvement in the Induction of Apoptotic Volume Decrease. <i>Antioxidants</i> , 2020, 9, 1058.	2.2	28
5	Carbonic Anhydrase Sensitivity to Pesticides: Perspectives for Biomarker Development. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3562.	1.8	11
6	Correlation of Oxidative Potential with Ecotoxicological and Cytotoxicological Potential of PM10 at an Urban Background Site in Italy. <i>Atmosphere</i> , 2019, 10, 733.	1.0	19
7	Effect of the flame retardant tris (1,3-dichloro-2-propyl) phosphate (TDCPP) on Na <sup>+</sup> -K <sup>+</sup> -ATPase and Cl <sup>-</sup> transport in HeLa cells. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 599-606.	1.3	4
8	The Complex Relationship between Metals and Carbonic Anhydrase: New Insights and Perspectives. <i>International Journal of Molecular Sciences</i> , 2016, 17, 127.	1.8	66
9	Biomonitoring of water and soil quality: a case study of ecotoxicological methodology application to the assessment of reclaimed agroindustrial wastewaters used for irrigation. <i>Rendiconti Lincei</i> , 2016, 27, 105-112.	1.0	20
10	Acetylcholinesterase as a Biomarker in Environmental and Occupational Medicine: New Insights and Future Perspectives. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	286
11	Cell Volume Regulation and Apoptotic Volume Decrease in Rat Distal Colon Superficial Enterocytes. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 1551-1565.	1.1	12
12	Carbonic Anhydrase as Pollution Biomarker: An Ancient Enzyme with a New Use. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 3965-3977.	1.2	56
13	Role of BK Channels in the Apoptotic Volume Decrease in Native Eel Intestinal Cells. <i>Cellular Physiology and Biochemistry</i> , 2010, 25, 733-744.	1.1	16
14	Morphometric alterations in <i>Mytilus galloprovincialis</i> granulocytes: A new biomarker. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1435-1441.	2.2	34
15	Carbonic anhydrase-based environmental bioassay. <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 895-903.	1.8	15