

# Maria Lucia Miglietta

## List of Publications by Citations

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26

papers

589

citations

11

h-index

24

g-index

31

ext. papers

696

ext. citations

3.8

avg, IF

3.69

L-index

#	Paper	IF	Citations
26	Toxic effects of ZnO nanoparticles towards marine algae <i>Dunaliella tertiolecta</i> . <i>Science of the Total Environment</i> , <b>2013</b> , 445-446, 371-6	10.2	142
25	Investigation of ZnO nanoparticles ecotoxicological effects towards different soil organisms. <i>Environmental Science and Pollution Research</i> , <b>2011</b> , 18, 756-63	5.1	98
24	Embryotoxicity and spermiotoxicity of nanosized ZnO for Mediterranean sea urchin <i>Paracentrotus lividus</i> . <i>Journal of Hazardous Materials</i> , <b>2013</b> , 254-255, 1-9	12.8	57
23	Comparative toxicity of nano ZnO and bulk ZnO towards marine algae <i>Tetraselmis suecica</i> and <i>Phaeodactylum tricornutum</i> . <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 6543-6553	5.1	42
22	Geographical origin of durum wheat studied by <sup>1</sup> H-NMR profiling. <i>Magnetic Resonance in Chemistry</i> , <b>2011</b> , 49, 1-5	2.1	36
21	A Review of Low-Cost Particulate Matter Sensors from the Developers' Perspectives. <i>Sensors</i> , <b>2020</b> , 20,	3.8	30
20	Early ecotoxic effects of ZnO nanoparticle chronic exposure in <i>Mytilus galloprovincialis</i> revealed by transcription of apoptosis and antioxidant-related genes. <i>Ecotoxicology</i> , <b>2018</b> , 27, 369-384	2.9	29
19	A study on the physicochemical properties of hydroalcoholic solutions to improve the direct exfoliation of natural graphite down to few-layers graphene. <i>Materials Research Express</i> , <b>2015</b> , 2, 035601	1.7	27
18	Fully eco-friendly H <sub>2</sub> sensing device based on Pd-decorated graphene. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 239, 1144-1152	8.5	25
17	Toxicological effects of transition metal-doped titanium dioxide nanoparticles on goldfish ( <i>Carassius auratus</i> ) and common carp ( <i>Cyprinus carpio</i> ). <i>Chemosphere</i> , <b>2019</b> , 215, 904-915	8.4	19
16	Different sizes of ZnO diversely affected the cytogenesis of the sea urchin <i>Paracentrotus lividus</i> . <i>Science of the Total Environment</i> , <b>2017</b> , 607-608, 176-183	10.2	16
15	Characterization of Carbon Based Nanoparticles Dispersion in Aqueous Solution Using Dynamic Light Scattering Technique. <i>Macromolecular Symposia</i> , <b>2009</b> , 286, 95-100	0.8	11
14	Methodological issues about techniques for the spiking of standard OECD soil with nanoparticles: evidence of different behaviours. <i>Journal of Nanoparticle Research</i> , <b>2015</b> , 17, 1	2.3	7
13	A Simple Optical Model for the Swelling Evaluation in Polymer Nanocomposites. <i>Journal of Sensors</i> , <b>2009</b> , 2009, 1-6	2	7
12	A Wearable Low-Power Sensing Platform for Environmental and Health Monitoring: The Convergence Project. <i>Sensors</i> , <b>2021</b> , 21,	3.8	6
11	Improvement of NO <sub>2</sub> Detection: Graphene Decorated With ZnO Nanoparticles. <i>IEEE Sensors Journal</i> , <b>2019</b> , 19, 8751-8757	4	5
10	Electronic Noses for Composites Surface Contamination Detection in Aerospace Industry. <i>Sensors</i> , <b>2017</b> , 17,	3.8	5

9	Graphene-based Schottky Device Detecting NH <sub>3</sub> at ppm level in Environmental Conditions. <i>Procedia Engineering</i> , <b>2014</b> , 87, 232-235		5
8	A Study of the Swelling Properties of Polymer Nanocomposites through Electrical and Optical Characterization. <i>Macromolecular Symposia</i> , <b>2009</b> , 286, 203-209	0.8	3
7	Vocs Sensors Based on Polyaniline/Graphene-Nanosheets Bilayer. <i>Lecture Notes in Electrical Engineering</i> , <b>2015</b> , 197-201	0.2	2
6	Cross interference effects between water and NH <sub>3</sub> on a sensor based on graphene/silicon Schottky diode <b>2015</b> ,		2
5	Graphene Decoration for Gas Detection. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 35-40	0.2	2
4	A Networked Wearable Device for Chemical Multisensing. <i>Lecture Notes in Electrical Engineering</i> , <b>2019</b> , 17-24	0.2	1
3	Developing Artificial Olfaction Techniques for Contamination Detection on Aircraft CFRP Surfaces: The Encomb Project. <i>Lecture Notes in Electrical Engineering</i> , <b>2012</b> , 163-166	0.2	1
2	Easy Recovery Method for Graphene-Based Chemi-Resistors. <i>Lecture Notes in Electrical Engineering</i> , <b>2015</b> , 203-206	0.2	0
1	Extended Non-destructive Testing for Surface Quality Assessment <b>2021</b> , 119-222		0