

Maria Lucia Miglietta

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.

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	A Wearable Low-Power Sensing Platform for Environmental and Health Monitoring: The Convergence Project. <i>Sensors</i> , 2021 , 21,	3.8	6
25	Extended Non-destructive Testing for Surface Quality Assessment 2021 , 119-222		0
24	A Review of Low-Cost Particulate Matter Sensors from the Developers' Perspectives. <i>Sensors</i> , 2020 , 20,	3.8	30
23	A Networked Wearable Device for Chemical Multisensing. <i>Lecture Notes in Electrical Engineering</i> , 2019 , 17-24	0.2	1
22	Improvement of NO ₂ Detection: Graphene Decorated With ZnO Nanoparticles. <i>IEEE Sensors Journal</i> , 2019 , 19, 8751-8757	4	5
21	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> , 2019 , 215, 904-915	8.4	19
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> , 2018 , 27, 369-384	2.9	29
19	Graphene Decoration for Gas Detection. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 35-40	0.2	2
18	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> , 2017 , 24, 6543-6553	5.1	42
17	Different sizes of ZnO diversely affected the cytogenesis of the sea urchin <i>Paracentrotus lividus</i> . <i>Science of the Total Environment</i> , 2017 , 607-608, 176-183	10.2	16
16	Fully eco-friendly H ₂ sensing device based on Pd-decorated graphene. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 1144-1152	8.5	25
15	Electronic Noses for Composites Surface Contamination Detection in Aerospace Industry. <i>Sensors</i> , 2017 , 17,	3.8	5
14	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> , 2015 , 2, 035601	1.7	27
13	Vocs Sensors Based on Polyaniline/Graphene-Nanosheets Bilayer. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 197-201	0.2	2
12	Methodological issues about techniques for the spiking of standard OECD soil with nanoparticles: evidence of different behaviours. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	7
11	Cross interference effects between water and NH ₃ on a sensor based on graphene/silicon Schottky diode 2015 ,		2
10	Easy Recovery Method for Graphene-Based Chemi-Resistors. <i>Lecture Notes in Electrical Engineering</i> , 2015 , 203-206	0.2	0

9	Graphene-based Schottky Device Detecting NH ₃ at ppm level in Environmental Conditions. <i>Procedia Engineering</i> , 2014 , 87, 232-235		5
8	Toxic effects of ZnO nanoparticles towards marine algae <i>Dunaliella tertiolecta</i> . <i>Science of the Total Environment</i> , 2013 , 445-446, 371-6	10.2	142
7	Embryotoxicity and spermiotoxicity of nanosized ZnO for Mediterranean sea urchin <i>Paracentrotus lividus</i> . <i>Journal of Hazardous Materials</i> , 2013 , 254-255, 1-9	12.8	57
6	Developing Artificial Olfaction Techniques for Contamination Detection on Aircraft CFRP Surfaces: The Encomb Project. <i>Lecture Notes in Electrical Engineering</i> , 2012 , 163-166	0.2	1
5	Investigation of ZnO nanoparticles ecotoxicological effects towards different soil organisms. <i>Environmental Science and Pollution Research</i> , 2011 , 18, 756-63	5.1	98
4	Geographical origin of durum wheat studied by ¹ H-NMR profiling. <i>Magnetic Resonance in Chemistry</i> , 2011 , 49, 1-5	2.1	36
3	A Simple Optical Model for the Swelling Evaluation in Polymer Nanocomposites. <i>Journal of Sensors</i> , 2009 , 2009, 1-6	2	7
2	A Study of the Swelling Properties of Polymer Nanocomposites through Electrical and Optical Characterization. <i>Macromolecular Symposia</i> , 2009 , 286, 203-209	0.8	3
1	Characterization of Carbon Based Nanoparticles Dispersion in Aqueous Solution Using Dynamic Light Scattering Technique. <i>Macromolecular Symposia</i> , 2009 , 286, 95-100	0.8	11