Magda Blosi

List of Publications by Year
in descending order

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60 papers	1,933 citations	218381 26 h-index	264894 42 g-index
60 all docs	60 docs citations	60 times ranked	3006 citing authors

#	Article	IF	Citations
1	Particles Emission from an Industrial Spray Coating Process Using Nano-Materials. Nanomaterials, 2022, 12, 313.	1.9	6
2	Quantifying Emission Factors and Setting Conditions of Use According to ECHA Chapter R.14 for a Spray Process Designed for Nanocoatingsâ€"A Case Study. Nanomaterials, 2022, 12, 596.	1.9	7
3	Data Shepherding in Nanotechnology. The Initiation. Nanomaterials, 2021, 11, 1520.	1.9	8
4	Polyvinyl alcohol/silver electrospun nanofibers: Biocidal filter media capturing virusâ€size particles. Journal of Applied Polymer Science, 2021, 138, 51380.	1.3	33
5	Highly durable amphiphobic coatings and surfaces: A comparative step-by-step exploration of the design variables. Surface and Coatings Technology, 2021, 421, 127419.	2.2	0
6	TiO2@BSA nano-composites investigated through orthogonal multi-techniques characterization platform. Colloids and Surfaces B: Biointerfaces, 2021, 207, 112037.	2.5	8
7	Ceramized Fabrics and Their Integration in a Semi-Pilot Plant for the Photodegradation of Water Pollutants. Catalysts, 2021, 11, 1418.	1.6	5
8	Monitoring and Optimisation of Ag Nanoparticle Spray-Coating on Textiles. Nanomaterials, 2021, 11, 3165.	1.9	6
9	Data Shepherding in Nanotechnology: An Antimicrobial Functionality Data Capture Template. Coatings, 2021, 11, 1486.	1.2	9
10	ASINA Project: Towards a Methodological Data-Driven Sustainable and Safe-by-Design Approach for the Development of Nanomaterials. Frontiers in Bioengineering and Biotechnology, 2021, 9, 805096.	2.0	15
11	Length-dependent toxicity of TiO₂ nanofibers: mitigation via shortening. Nanotoxicology, 2020, 14, 433-452.	1.6	11
12	Influence of spray-coating process parameters on the release of TiO2 particles for the production of antibacterial textile. NanoImpact, 2020, 19, 100245.	2.4	8
13	Photocatalytic Oxidation of HMF under Solar Irradiation: Coupling of Microemulsion and Lyophilization to Obtain Innovative TiO2-Based Materials. Molecules, 2020, 25, 5225.	1.7	12
14	Risk Management Framework for Nano-Biomaterials Used in Medical Devices and Advanced Therapy Medicinal Products. Materials, 2020, 13, 4532.	1.3	26
15	Use of Cotton Textiles Coated by Ir(III) Tetrazole Complexes within Ceramic Silica Nanophases for Photo-Induced Self-Marker and Antibacterial Application. Nanomaterials, 2020, 10, 1020.	1.9	3
16	In Vitro Toxicity of TiO2:SiO2 Nanocomposites with Different Photocatalytic Properties. Nanomaterials, 2019, 9, 1041.	1.9	21
17	NanoTiO2@DNA complex: a novel eco, durable, fire retardant design strategy for cotton textiles. Journal of Colloid and Interface Science, 2019, 546, 174-183.	5.0	59
18	Assessing occupational risk in designs of production processes of nano-materials. NanoImpact, 2019, 14, 100149.	2.4	14

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19	Monitoring Systems of an Electrospinning Plant for the Production of Composite Nanofibers. , 2019, , 315-337.		3
20	CuO nanoparticle penetration through intact and damaged human skin. New Journal of Chemistry, 2019, 43, 17033-17039.	1.4	18
21	Innovative synthesis of nanostructured composite materials by a spray-freeze drying process: Efficient catalysts and photocatalysts preparation. Catalysis Today, 2019, 334, 193-202.	2.2	16
22	Silver nanoparticles as a medical device in healthcare settings: a five-step approach for candidate screening of coating agents. Royal Society Open Science, 2018, 5, 171113.	1.1	110
23	Pilot- plant study for the photocatalytic/electrochemical degradation of Rhodamine B. Journal of Environmental Chemical Engineering, 2018, 6, 1794-1804.	3.3	12
24	Toxicity of surface-modified copper oxide nanoparticles in a mouse macrophage cell line: Interplay of particles, surface coating and particle dissolution. Chemosphere, 2018, 196, 482-493.	4.2	40
25	Coatings made of proteins adsorbed on TiO2 nanoparticles: a new flame retardant approach for cotton fabrics. Cellulose, 2018, 25, 2755-2765.	2.4	48
26	Hollow-fiber flow field-flow fractionation and multi-angle light scattering as a new analytical solution for quality control in pharmaceutical nanotechnology. Microchemical Journal, 2018, 136, 149-156.	2.3	24
27	Silica modification of titania nanoparticles enhances photocatalytic production of reactive oxygen species without increasing toxicity potential in vitro. RSC Advances, 2018, 8, 40369-40377.	1.7	12
28	Nanosilver: An innovative paradigm to promote its safe and active use. NanoImpact, 2018, 11, 128-135.	2.4	8
29	Encapsulation of cationic iridium(iii) tetrazole complexes into a silica matrix: synthesis, characterization and optical properties. New Journal of Chemistry, 2018, 42, 9635-9644.	1.4	6
30	Multiple endpoints to evaluate pristine and remediated titanium dioxide nanoparticles genotoxicity in lung epithelial A549 cells. Toxicology Letters, 2017, 276, 48-61.	0.4	38
31	Bentonites functionalized by impregnation with TiO 2 , Ag, Pd and Au nanoparticles. Applied Clay Science, 2017, 146, 1-6.	2.6	22
32	Colloidal characterization of CuO nanoparticles in biological and environmental media. Environmental Science: Nano, 2017, 4, 1264-1272.	2.2	30
33	Lipopolysaccharide Adsorbed to the Bio-Corona of TiO2 Nanoparticles Powerfully Activates Selected Pro-inflammatory Transduction Pathways. Frontiers in Immunology, 2017, 8, 866.	2.2	27
34	Bimetallic Nanoparticles as Efficient Catalysts: Facile and Green Microwave Synthesis. Materials, 2016, 9, 550.	1.3	33
35	A panel ofin vitrotests to evaluate genotoxic and morphological neoplastic transformation potential onBalb/3T3cells by pristine and remediated titania and zirconia nanoparticles. Mutagenesis, 2016, 31, 511-529.	1.0	27
36	Ink-jet printability of aqueous ceramic inks for digital decoration of ceramic tiles. Dyes and Pigments, 2016, 127, 148-154.	2.0	36

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37	Shape-Related Toxicity of Titanium Dioxide Nanofibres. PLoS ONE, 2016, 11, e0151365.	1.1	47
38	Hollow-fiber flow field-flow fractionation and multi-angle light scattering investigation of the size, shape and metal-release of silver nanoparticles in aqueous medium for nano-risk assessment. Journal of Pharmaceutical and Biomedical Analysis, 2015, 106, 92-99.	1.4	34
39	Micronizing ceramic pigments for inkjet printing: Part I. Grindability and particle size distribution. Ceramics International, 2015, 41, 6498-6506.	2.3	38
40	Micronizing ceramic pigments for inkjet printing: Part II. Effect on phase composition and color. Ceramics International, 2015, 41, 6507-6517.	2.3	25
41	Ceramic Ink-Jet Printing for Digital Decoration: Physical Constraints for Ink Design. Journal of Nanoscience and Nanotechnology, 2015, 15, 3552-3561.	0.9	25
42	Titanium dioxide nanoparticles enhance macrophage activation by LPS through a TLR4-dependent intracellular pathway. Toxicology Research, 2015, 4, 385-398.	0.9	22
43	TiO2 based nano-photocatalysis immobilized on cellulose substrates. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 276, 58-64.	2.0	61
44	Green and easily scalable microwave synthesis of noble metal nanosols (Au, Ag, Cu, Pd) usable as catalysts. New Journal of Chemistry, 2014, 38, 1401-1409.	1.4	36
45	Multiple approach to test nano TiO2 photo-activity. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 292, 26-33.	2.0	13
46	Wetting behavior and remarkable durability of amphiphobic aluminum alloys surfaces in a wide range of environmental conditions. Chemical Engineering Journal, 2014, 258, 101-109.	6.6	34
47	Easily scalable synthesis of Ni nanosols suitable for the hydrogenation of 4-nitrophenol to p-aminophenol under mild condition. Chemical Engineering Journal, 2013, 215-216, 616-625.	6.6	29
48	TiO2 based photocatalytic coatings: From nanostructure to functional properties. Chemical Engineering Journal, 2013, 225, 880-886.	6.6	38
49	Selective oxidation of 5-hydroxymethyl-2-furfural over TiO2-supported goldâ€"copper catalysts prepared from preformed nanoparticles: Effect of Au/Cu ratio. Catalysis Today, 2012, 195, 120-126.	2.2	124
50	Comparative effects of metal oxide nanoparticles on human airway epithelial cells and macrophages. Journal of Nanoparticle Research, 2012, 14, 1.	0.8	14
51	Auâ€"Ag nanoparticles as red pigment in ceramic inks for digital decoration. Dyes and Pigments, 2012, 94, 355-362.	2.0	47
52	Selective oxidation of 5-hydroxymethyl-2-furfural using supported goldâ€"copper nanoparticles. Green Chemistry, 2011, 13, 2091.	4.6	242
53	Microwave-assisted polyol synthesis of Cu nanoparticles. Journal of Nanoparticle Research, 2011, 13, 127-138.	0.8	143
54	Microwave Assisted Synthesis of Yb:Y2O3 Based Materials for Laser Source Application. Advanced Engineering Materials, 2010, 12, 205-209.	1.6	5

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55	Microwave-assisted polyol synthesis of sub-micrometer Y2O3 and Yb-Y2O3 particles for laser source application. Ceramics International, 2010, 36, 103-106.	2.3	17
56	Gold Nanoparticle-Containing Membranes from in Situ Reduction of a Gold(III)â^'Aminoethylimidazolium Aurate Salt. Journal of Physical Chemistry C, 2010, 114, 9693-9701.	1.5	41
57	Solâ€"gel combustion synthesis of chromium doped yttrium aluminum perovskites. Journal of Sol-Gel Science and Technology, 2009, 50, 449-455.	1.1	30
58	Microwave-assisted synthesis of Prâ€"ZrSiO4, Vâ€"ZrSiO4 and Crâ€"YAlO3 ceramic pigments. Journal of the European Ceramic Society, 2009, 29, 2951-2957.	2.8	29
59	Structural Relaxation around Cr³⁺ in YAlO₃â^'YCrO₃ Perovskites from Electron Absorption Spectra. Journal of Physical Chemistry A, 2009, 113, 13772-13778.	1.1	32
60	Nano-Sized Ceramic Inks for Drop-on-Demand Ink-Jet Printing in Quadrichromy. Journal of Nanoscience and Nanotechnology, 2008, 8, 1979-1988.	0.9	46