

Ingrid Corazzari

List of Publications by Citations

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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.

41
papers

1,073
citations

18
h-index

32
g-index

41
ext. papers

1,242
ext. citations

5.1
avg, IF

4.06
L-index

#	Paper	IF	Citations
41	Advanced physico-chemical characterization of chitosan by means of TGA coupled on-line with FTIR and GCMS: Thermal degradation and water adsorption capacity. <i>Polymer Degradation and Stability</i> , 2015 , 112, 1-9	4.7	243
40	Sintered indium-tin-oxide (ITO) particles: a new pneumotoxic entity. <i>Toxicological Sciences</i> , 2009 , 108, 472-81	4.4	87
39	Chemical stability and dehydration behavior of a sepiolite/indigo Maya Blue pigment. <i>Applied Clay Science</i> , 2011 , 52, 41-50	5.2	80
38	Markers of oxidative damage of nucleic acids and proteins among workers exposed to TiO ₂ (nano) particles. <i>Occupational and Environmental Medicine</i> , 2016 , 73, 110-8	2.1	58
37	Singlet oxygen plays a key role in the toxicity and DNA damage caused by nanometric TiO ₂ in human keratinocytes. <i>Nanoscale</i> , 2013 , 5, 6567-76	7.7	45
36	Localization of CdSe/ZnS quantum dots in the lysosomal acidic compartment of cultured neurons and its impact on viability: potential role of ion release. <i>Toxicology in Vitro</i> , 2013 , 27, 752-9	3.6	42
35	Bioactive glass coupling with natural polyphenols: Surface modification, bioactivity and anti-oxidant ability. <i>Applied Surface Science</i> , 2016 , 367, 237-248	6.7	40
34	Markers of lipid oxidative damage in the exhaled breath condensate of nano TiO production workers. <i>Nanotoxicology</i> , 2017 , 11, 52-63	5.3	39
33	Decreasing the oxidative potential of TiO ₂ nanoparticles through modification of the surface with carbon: a new strategy for the production of safe UV filters. <i>Chemical Communications</i> , 2010 , 46, 8478-80	5.8	38
32	Biowaste-derived substances as a tool for obtaining magnet-sensitive materials for environmental applications in wastewater treatments. <i>Chemical Engineering Journal</i> , 2017 , 310, 307-316	14.7	35
31	The oxidation of glutathione by cobalt/tungsten carbide contributes to hard metal-induced oxidative stress. <i>Free Radical Research</i> , 2008 , 42, 437-745	4	35
30	Evolution and Reversibility of Host/Guest Interactions with Temperature Changes in a Methyl Red@Palygorskite Polyfunctional Hybrid Nanocomposite. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 19322-19337	3.8	33
29	In vitro biocompatibility of a ferrimagnetic glass-ceramic for hyperthermia application. <i>Materials Science and Engineering C</i> , 2017 , 73, 778-787	8.3	27
28	Inactivation of TiO ₂ nano-powders for the preparation of photo-stable sunscreens via carbon-based surface modification. <i>Journal of Materials Chemistry</i> , 2012 , 22, 19105		26
27	Crystalline phase modulates the potency of nanometric TiO ₂ to adhere to and perturb the stratum corneum of porcine skin under indoor light. <i>Chemical Research in Toxicology</i> , 2013 , 26, 1579-90	4	24
26	Gallic acid grafting to a ferrimagnetic bioactive glass-ceramic. <i>Journal of Non-Crystalline Solids</i> , 2016 , 432, 167-175	3.9	22
25	Surface reactivity of amphibole asbestos: a comparison between crocidolite and tremolite. <i>Scientific Reports</i> , 2017 , 7, 14696	4.9	19

24	Revealing hidden endotherm of HummersTgraphene oxide during low-temperature thermal reduction. <i>Carbon</i> , 2018 , 138, 337-347	10.4	18
23	The influence of surface charge and photo-reactivity on skin-permeation enhancer property of nano-TiO ₂ in ex vivo pig skin model under indoor light. <i>International Journal of Pharmaceutics</i> , 2014 , 467, 90-9	6.5	18
22	Influence of the chemical synthesis on the physicochemical properties of N-TiO ₂ nanoparticles. <i>Catalysis Today</i> , 2013 , 209, 54-59	5.3	18
21	Editor's Highlight: Abrasion of Artificial Stones as a New Cause of an Ancient Disease. Physicochemical Features and Cellular Responses. <i>Toxicological Sciences</i> , 2016 , 153, 4-17	4.4	16
20	Free-radical chemistry as a means to evaluate lunar dust health hazard in view of future missions to the moon. <i>Astrobiology</i> , 2015 , 15, 371-80	3.7	15
19	On the redox mechanism operating along C ₂ H ₂ self-assembly at the surface of TiO ₂ . <i>Langmuir</i> , 2015 , 31, 569-77	4	14
18	Microwave-Assisted Synthesis and Physicochemical Characterization of Tetrafuranylporphyrin-Grafted Reduced-Graphene Oxide. <i>Chemistry - A European Journal</i> , 2016 , 22, 1608-13	4.8	14
17	Effects of particle size on properties and thermal inertization of bottom ashes (MSW of Turin's incinerator). <i>Waste Management</i> , 2019 , 84, 340-354	8.6	14
16	Hazard assessment of W and Mo sulphide nanomaterials for automotive use. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	13
15	Phototransformation of l-tryptophan and formation of humic substances in water. <i>Environmental Chemistry Letters</i> , 2018 , 16, 1035-1041	13.3	8
14	The surface reactivity and implied toxicity of ash produced from sugarcane burning. <i>Environmental Toxicology</i> , 2014 , 29, 503-16	4.2	7
13	Ion release and tarnishing behavior of Au and Pd based amorphous alloys in artificial sweat. <i>Corrosion Science</i> , 2013 , 77, 135-142	6.8	5
12	Adhesive Joining of Zerodur/FRP/Zerodur Sandwich Structures for Aerospace Applications. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 2000464	3.9	4
11	SWCNT-porphyrin nano-hybrids selectively activated by ultrasound: an interesting model for sonodynamic applications.. <i>RSC Advances</i> , 2020 , 10, 21736-21744	3.7	3
10	Characterization of the electrochemical process responsible for the free radical release in hard metals. <i>Electrochimica Acta</i> , 2007 , 52, 7438-7443	6.7	3
9	Gallic acid grafting modulates the oxidative potential of ferrimagnetic bioactive glass-ceramic SC-45. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 592-599	6	3
8	Design, Realization, and Characterization of Advanced Adhesives for Joining Ultra-Stable C/C Based Components. <i>Macromolecular Materials and Engineering</i> , 2020 , 305, 2000229	3.9	2
7	Phengite megacryst quasi-exsolving phlogopite, from Sulu ultra-high pressure metamorphic terrane, Qinglongshan, Donghai County (eastern China): New data for P-T-X conditions during exhumation. <i>Lithos</i> , 2018 , 314-315, 156-164	2.9	2

6	Predictive tests to evaluate oxidative potential of engineered nanomaterials. <i>Journal of Physics: Conference Series</i> , 2013 , 429, 012024	0.3	1
5	Valorization of MSWI Bottom Ash as a Function of Particle Size Distribution, Using Steam Washing. <i>Sustainability</i> , 2020 , 12, 9461	3.6	1
4	Immobilized bi-enzymatic system for the determination of biogenic amines in solution. <i>Biochemical Engineering Journal</i> , 2021 , 169, 107960	4.2	1
3	Antioxidant Activity of Silica-Based Bioactive Glasses. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 2309-2316	5.5	0
2	TGA coupled with FTIR gas analysis to quantify the vinyl alcohol unit content in ethylene-vinyl alcohol copolymer. <i>Materials Letters</i> , 2021 , 284, 129030	3.3	0
1	Thermal Stability of Calcium Oxalates from CO ₂ Sequestration for Storage Purposes: An In-Situ HT-XRPD and TGA Combined Study. <i>Minerals (Basel, Switzerland)</i> , 2022 , 12, 53	2.4	0