

# Ingrid Corazzari

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,409  
citations

361296  
20  
h-index

330025  
37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2444  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.7	365
2	Sintered Indium-Tin-Oxide (ITO) Particles: A New Pneumotoxic Entity. <i>Toxicological Sciences</i> , 2009, 108, 472-481.	1.4	98
3	Chemical stability and dehydration behavior of a sepiolite/indigo Maya Blue pigment. <i>Applied Clay Science</i> , 2011, 52, 41-50.	2.6	90
4	Markers of oxidative damage of nucleic acids and proteins among workers exposed to TiO <sub>2</sub> (nano) particles. <i>Occupational and Environmental Medicine</i> , 2016, 73, 110-118.	1.3	76
5	Singlet oxygen plays a key role in the toxicity and DNA damage caused by nanometric TiO <sub>2</sub> in human keratinocytes. <i>Nanoscale</i> , 2013, 5, 6567.	2.8	55
6	Bioactive glass coupling with natural polyphenols: Surface modification, bioactivity and anti-oxidant ability. <i>Applied Surface Science</i> , 2016, 367, 237-248.	3.1	53
7	Markers of lipid oxidative damage in the exhaled breath condensate of nano TiO <sub>2</sub> production workers. <i>Nanotoxicology</i> , 2017, 11, 52-63.	1.6	51
8	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, 752-759.	1.1	48
9	Decreasing the oxidative potential of TiO <sub>2</sub> 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.	2.2	42
10	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.	6.6	42
11	The oxidation of glutathione by cobalt/tungsten carbide contributes to hard metal-induced oxidative stress. <i>Free Radical Research</i> , 2008, 42, 437-745.	1.5	39
12	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.	1.5	33
13	Revealing hidden endotherm of Hummers' graphene oxide during low-temperature thermal reduction. <i>Carbon</i> , 2018, 138, 337-347.	5.4	33
14	In vitro biocompatibility of a ferrimagnetic glass-ceramic for hyperthermia application. <i>Materials Science and Engineering C</i> , 2017, 73, 778-787.	3.8	31
15	Crystalline Phase Modulates the Potency of Nanometric TiO <sub>2</sub> to Adhere to and Perturb the Stratum Corneum of Porcine Skin under Indoor Light. <i>Chemical Research in Toxicology</i> , 2013, 26, 1579-1590.	1.7	29
16	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.	1.4	29
17	Inactivation of TiO <sub>2</sub> nano-powders for the preparation of photo-stable sunscreens via carbon-based surface modification. <i>Journal of Materials Chemistry</i> , 2012, 22, 19105.	6.7	27
18	Surface reactivity of amphibole asbestos: a comparison between crocidolite and tremolite. <i>Scientific Reports</i> , 2017, 7, 14696.	1.6	27

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19	Gallic acid grafting to a ferrimagnetic bioactive glass-ceramic. <i>Journal of Non-Crystalline Solids</i> , 2016, 432, 167-175.	1.5	26
20	Influence of the chemical synthesis on the physicochemical properties of N-TiO <sub>2</sub> nanoparticles. <i>Catalysis Today</i> , 2013, 209, 54-59.	2.2	21
21	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, 371-380.	1.5	21
22	The influence of surface charge and photo-reactivity on skin-permeation enhancer property of nano-TiO <sub>2</sub> in ex vivo pig skin model under indoor light. <i>International Journal of Pharmaceutics</i> , 2014, 467, 90-99.	2.6	20
23	Effects of particle size on properties and thermal inertization of bottom ashes (MSW of Turin™s) Tj ETQq1 1 0.784314 rgBT/Overlo	3.7	20
24	Hazard assessment of W and Mo sulphide nanomaterials for automotive use. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	15
25	On the Redox Mechanism Operating along C <sub>2</sub> H <sub>2</sub> Self-Assembly at the Surface of TiO <sub>2</sub> . <i>Langmuir</i> , 2015, 31, 569-577.	1.6	15
26	Microwave-Assisted Synthesis and Physicochemical Characterization of Tetrafuranylporphyrin-Grafted Reduced-Graphene Oxide. <i>Chemistry - A European Journal</i> , 2016, 22, 1608-1613.	1.7	15
27	Phototransformation of L-tryptophan and formation of humic substances in water. <i>Environmental Chemistry Letters</i> , 2018, 16, 1035-1041.	8.3	12
28	Antioxidant Activity of Silica-Based Bioactive Glasses. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2309-2316.	2.6	11
29	The surface reactivity and implied toxicity of ash produced from sugarcane burning. <i>Environmental Toxicology</i> , 2014, 29, 503-516.	2.1	10
30	Adhesive Joining of Zerodur™CFRP™Zerodur Sandwich Structures for Aerospace Applications. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000464.	1.7	8
31	SWCNT-porphyrin nano-hybrids selectively activated by ultrasound: an interesting model for sonodynamic applications. <i>RSC Advances</i> , 2020, 10, 21736-21744.	1.7	8
32	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.	2.5	7
33	Thermal Stability of Calcium Oxalates from CO <sub>2</sub> Sequestration for Storage Purposes: An In-Situ HT-XRPD and TGA Combined Study. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 53.	0.8	7
34	Ion release and tarnishing behavior of Au and Pd based amorphous alloys in artificial sweat. <i>Corrosion Science</i> , 2013, 77, 135-142.	3.0	6
35	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.	1.3	5
36	Characterization of the electrochemical process responsible for the free radical release in hard metals. <i>Electrochimica Acta</i> , 2007, 52, 7438-7443.	2.6	3

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37	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.	0.6	3
38	Design, Realization, and Characterization of Advanced Adhesives for Joining Ultra-Stable C/C Based Components. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000229.	1.7	3
39	Valorization of MSWI Bottom Ash as a Function of Particle Size Distribution, Using Steam Washing. <i>Sustainability</i> , 2020, 12, 9461.	1.6	2
40	Immobilized bi-enzymatic system for the determination of biogenic amines in solution. <i>Biochemical Engineering Journal</i> , 2021, 169, 107960.	1.8	2
41	Predictive tests to evaluate oxidative potential of engineered nanomaterials. <i>Journal of Physics: Conference Series</i> , 2013, 429, 012024.	0.3	1