

Mariafrancesca Cascione

List of Publications by Year in descending order

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36
papers

840
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516215

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28
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docs citations

36
times ranked

1568
citing authors

#	ARTICLE	IF	CITATIONS
1	Green Silver Nanoparticles Promote Inflammation Shutdown in Human Leukemic Monocytes. <i>Materials</i> , 2022, 15, 775.	1.3	7
2	High Doses of Silica Nanoparticles Obtained by Microemulsion and Green Routes Compromise Human Alveolar Cells Morphology and Stiffness Differently. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-23.	1.8	4
3	Pulse-Atomic Force Lithography: A Powerful Nanofabrication Technique to Fabricate Constant and Varying-Depth Nanostructures. <i>Nanomaterials</i> , 2022, 12, 991.	1.9	7
4	AFM Characterization of Halloysite Clay Nanocompositesâ€™ Superficial Properties: Current State-of-the-Art and Perspectives. <i>Materials</i> , 2022, 15, 3441.	1.3	4
5	Impact of Nanomaterials in Biological Systems and Applications in Nanomedicine Field. <i>Nanomaterials</i> , 2022, 12, 1775.	1.9	1
6	Inorganic Nanomaterials versus Polymer-Based Nanoparticles for Overcoming Neurodegeneration. <i>Nanomaterials</i> , 2022, 12, 2337.	1.9	10
7	Physico-Chemical Properties of Inorganic NPs Influence the Absorption Rate of Aquatic Mosses Reducing Cytotoxicity on Intestinal Epithelial Barrier Model. <i>Molecules</i> , 2021, 26, 2885.	1.7	5
8	Synergistic Effect Induced by Gold Nanoparticles with Polyphenols Shell during Thermal Therapy: Macrophage Inflammatory Response and Cancer Cell Death Assessment. <i>Cancers</i> , 2021, 13, 3610.	1.7	13
9	Improvement of PMMA Dental Matrix Performance by Addition of Titanium Dioxide Nanoparticles and Clay Nanotubes. <i>Nanomaterials</i> , 2021, 11, 2027.	1.9	22
10	Titanium dioxide: antimicrobial surfaces and toxicity assessment. , 2021, , 373-393.		0
11	Analysis of the Physico-Chemical, Mechanical and Biological Properties of Crosslinked Type-I Collagen from Horse Tendon: Towards the Development of Ideal Scaffolding Material for Urethral Regeneration. <i>Materials</i> , 2021, 14, 7648.	1.3	11
12	Design of nano-clays for drug delivery and bio-imaging: can toxicity be an issue?. <i>Nanomedicine</i> , 2020, 15, 2429-2432.	1.7	4
13	The New Frontiers in Neurodegenerative Diseases Treatment: Liposomal-Based Strategies. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 566767.	2.0	18
14	Green Plasmonic Nanoparticles and Bio-Inspired Stimuli-Responsive Vesicles in Cancer Therapy Application. <i>Nanomaterials</i> , 2020, 10, 1083.	1.9	22
15	Green Synthesis of Nanoparticles and Their Application in Cancer Therapy. , 2020, , 163-197.		5
16	Colorimetric Paper-Based Device for Hazardous Compounds Detection in Air and Water: A Proof of Concept. <i>Sensors</i> , 2020, 20, 5502.	2.1	9
17	Acute Cytotoxic Effects on Morphology and Mechanical Behavior in MCF-7 Induced by TiO ₂ NPs Exposure. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3594.	1.8	7
18	Tailoring Cell Morphomechanical Perturbations Through Metal Oxide Nanoparticles. <i>Nanoscale Research Letters</i> , 2019, 14, 109.	3.1	11

#	ARTICLE	IF	CITATIONS
19	Silver Nanoparticles Addition in Poly(Methyl Methacrylate) Dental Matrix: Topographic and Antimycotic Studies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4691.	1.8	41
20	Encapsulation of Thermo-Sensitive Lauric Acid in Silica Shell: A Green Derivate for Chemo-Thermal Therapy in Breast Cancer Cell. <i>Molecules</i> , 2019, 24, 2034.	1.7	10
21	Transforming Growth Factor- β Promotes Morphomechanical Effects Involved in Epithelial to Mesenchymal Transition in Living Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 108.	1.8	10
22	Engineered Gold Nanoshells Killing Tumor Cells: New Perspectives. <i>Current Pharmaceutical Design</i> , 2019, 25, 1477-1489.	0.9	16
23	Morphomechanical and organelle perturbation induced by silver nanoparticle exposure. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	21
24	Potential of Electrospun Poly(3-hydroxybutyrate)/Collagen Blends for Tissue Engineering Applications. <i>Journal of Healthcare Engineering</i> , 2018, 2018, 1-13.	1.1	29
25	Silver Nanoparticles: Synthetic Routes, In Vitro Toxicity and Theranostic Applications for Cancer Disease. <i>Nanomaterials</i> , 2018, 8, 319.	1.9	144
26	Morphomechanical Alterations Induced by Transforming Growth Factor- β 1 in Epithelial Breast Cancer Cells. <i>Cancers</i> , 2018, 10, 234.	1.7	11
27	Atomic force microscopy combined with optical microscopy for cells investigation. <i>Microscopy Research and Technique</i> , 2017, 80, 109-123.	1.2	38
28	Morphomechanical and structural changes induced by ROCK inhibitor in breast cancer cells. <i>Experimental Cell Research</i> , 2017, 360, 303-309.	1.2	25
29	Hybrid polymeric-protein nano-carriers (HPPNC) for targeted delivery of TGF β 2 inhibitors to hepatocellular carcinoma cells. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 120.	1.7	26
30	Alpha-enolase (ENO1) controls alpha v/beta 3 integrin expression and regulates pancreatic cancer adhesion, invasion, and metastasis. <i>Journal of Hematology and Oncology</i> , 2017, 10, 16.	6.9	101
31	Toxicity assessment of anatase and rutile titanium dioxide nanoparticles: The role of degradation in different pH conditions and light exposure. <i>Toxicology in Vitro</i> , 2016, 37, 201-210.	1.1	67
32	CaCO ₃ Rods as Chitosan-Polygalacturonic Acid Carriers for Bromopyruvic Acid Delivery. <i>Science of Advanced Materials</i> , 2016, 8, 514-523.	0.1	10
33	Interaction between Human Serum Albumin and Different Anatase TiO ₂ Nanoparticles: A Nano-bio Interface Study. <i>Nanomaterials and Nanotechnology</i> , 2015, 5, 30.	1.2	21
34	Proteomics analysis of E-cadherin knockdown in epithelial breast cancer cells. <i>Journal of Biotechnology</i> , 2015, 202, 3-11.	1.9	38
35	Cytoskeletal Alterations and Biomechanical Properties of parkin-Mutant Human Primary Fibroblasts. <i>Cell Biochemistry and Biophysics</i> , 2015, 71, 1395-1404.	0.9	20
36	In vitro targeting and imaging the translocator protein TSPO 18-kDa through G(4)-PAMAM-FITC labeled dendrimer. <i>Journal of Controlled Release</i> , 2013, 172, 1111-1125.	4.8	52