

Vernica Bastos

List of Publications by Citations

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Version: 2024-04-27

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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.

21
papers

359
citations

10
h-index

18
g-index

26
ext. papers

478
ext. citations

4.5
avg, IF

3.5
L-index

#	Paper	IF	Citations
21	Environmental Nanoparticles Interactions with Plants: Morphological, Physiological, and Genotoxic Aspects. <i>Journal of Botany</i> , 2012 , 2012, 1-8	0	67
20	The influence of Citrate or PEG coating on silver nanoparticle toxicity to a human keratinocyte cell line. <i>Toxicology Letters</i> , 2016 , 249, 29-41	4.4	50
19	Metabolomics of silver nanoparticles toxicity in HaCaT cells: structure-activity relationships and role of ionic silver and oxidative stress. <i>Nanotoxicology</i> , 2016 , 10, 1105-17	5.3	49
18	Insights into the impact of silver nanoparticles on human keratinocytes metabolism through NMR metabolomics. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 589, 53-61	4.1	38
17	Bacterial nanocellulose-hyaluronic acid microneedle patches for skin applications: In vitro and in vivo evaluation. <i>Materials Science and Engineering C</i> , 2021 , 118, 111350	8.3	25
16	Pullulan microneedle patches for the efficient transdermal administration of insulin envisioning diabetes treatment. <i>Carbohydrate Polymers</i> , 2020 , 241, 116314	10.3	24
15	Genotoxicity of citrate-coated silver nanoparticles to human keratinocytes assessed by the comet assay and cytokinesis blocked micronucleus assay. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 5039-5048	5.1	21
14	Biochemical and transcriptional analyses of cadmium-induced mitochondrial dysfunction and oxidative stress in human osteoblasts. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018 , 81, 705-717	3.2	16
13	Coating independent cytotoxicity of citrate- and PEG-coated silver nanoparticles on a human hepatoma cell line. <i>Journal of Environmental Sciences</i> , 2017 , 51, 191-201	6.4	13
12	Swellable Gelatin Methacryloyl Microneedles for Extraction of Interstitial Skin Fluid toward Minimally Invasive Monitoring of Urea. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000195	5.5	12
11	Nanocellulose-Based Patches Loaded with Hyaluronic Acid and Diclofenac towards Aphthous Stomatitis Treatment. <i>Nanomaterials</i> , 2020 , 10,	5.4	9
10	A study of the effects of citrate-coated silver nanoparticles on RAW 264.7 cells using a toolbox of cytotoxic endpoints. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	7
9	Antibacterial Multi-Layered Nanocellulose-Based Patches Loaded with Dexpanthenol for Wound Healing Applications. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
8	Cr(VI)-induced genotoxicity and cell cycle arrest in human osteoblast cell line MG-63. <i>Journal of Applied Toxicology</i> , 2019 , 39, 1057-1065	4.1	6
7	Inflammatory responses of a human keratinocyte cell line to 10 nm citrate- and PEG-coated silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	6
6	Stability, dissolution, and cytotoxicity of NaYF-upconversion nanoparticles with different coatings.. <i>Scientific Reports</i> , 2022 , 12, 3770	4.9	4
5	Macrophage Metabolomics Reveals Differential Metabolic Responses to Subtoxic Levels of Silver Nanoparticles and Ionic Silver. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1867-1876	2.3	1

4	3D sub-cellular localization of upconverting nanoparticles through hyperspectral microscopy. <i>Physica B: Condensed Matter</i> , 2022 , 626, 413470	2.8	1
3	Bridging a Gap between Cr(VI)-Induced Oxidative Stress and Genotoxicity in Lettuce Organs after a Long-Term Exposure. <i>International Journal of Agronomy</i> , 2018 , 2018, 1-8	1.9	1
2	Hyperthermia Enhances Doxorubicin Therapeutic Efficacy against A375 and MNT-1 Melanoma Cells.. <i>International Journal of Molecular Sciences</i> , 2021 , 23,	6.3	1
1	The role of spray-drying atmosphere on (bonpl.) L.G. Lohmann standardized extract production for wound healing activity. <i>Natural Product Research</i> , 2021 , 1-5	2.3	