

Benjamin C Krause

List of Publications by Year in Descending Order

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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.

15
papers

195
citations

9
h-index

13
g-index

18
ext. papers

263
ext. citations

6
avg, IF

2.51
L-index

#	Paper	IF	Citations
15	Genotoxic impact of aluminum-containing nanomaterials in human intestinal and hepatic cells. <i>Toxicology in Vitro</i> , 2022 , 78, 105257	3.6	1
14	Chronic effects of two rutile TiO nanomaterials in human intestinal and hepatic cell lines.. <i>Particle and Fibre Toxicology</i> , 2022 , 19, 37	8.4	0
13	The Vitamin A and D Exposure of Cells Affects the Intracellular Uptake of Aluminum Nanomaterials and its Agglomeration Behavior: A Chemo-Analytic Investigation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
12	Aluminum and aluminum oxide nanomaterials uptake after oral exposure - a comparative study. <i>Scientific Reports</i> , 2020 , 10, 2698	4.9	18
11	Cellular Effects of In Vitro-Digested Aluminum Nanomaterials on Human Intestinal Cells. <i>ACS Applied Nano Materials</i> , 2020 , 3, 2246-2256	5.6	3
10	Tackling Complex Analytical Tasks: An ISO/TS-Based Validation Approach for Hydrodynamic Chromatography Single Particle Inductively Coupled Plasma Mass Spectrometry. <i>Materials</i> , 2020 , 13,	3.5	7
9	Metabolomics profiling to investigate nanomaterial toxicity and. <i>Nanotoxicology</i> , 2020 , 14, 807-826	5.3	11
8	Emerging paradigm against global antimicrobial resistance via bioprospecting of mushroom into novel nanotherapeutics development. <i>Trends in Food Science and Technology</i> , 2020 , 106, 333-344	15.3	18
7	Simultaneous Quantification and Visualization of Titanium Dioxide Nanomaterial Uptake at the Single Cell Level in an In Vitro Model of the Human Small Intestine. <i>Small Methods</i> , 2019 , 3, 1800540	12.8	7
6	Investigation of the in vitro genotoxicity of two rutile TiO ₂ nanomaterials in human intestinal and hepatic cells and evaluation of their interference with toxicity assays. <i>NanoImpact</i> , 2018 , 11, 69-81	5.6	17
5	Characterization of aluminum, aluminum oxide and titanium dioxide nanomaterials using a combination of methods for particle surface and size analysis.. <i>RSC Advances</i> , 2018 , 8, 14377-14388	3.7	25
4	Uptake and molecular impact of aluminum-containing nanomaterials on human intestinal caco-2 cells. <i>Nanotoxicology</i> , 2018 , 12, 992-1013	5.3	17
3	Impact of an Artificial Digestion Procedure on Aluminum-Containing Nanomaterials. <i>Langmuir</i> , 2017 , 33, 10726-10735	4	32
2	Genotoxicity testing of different surface-functionalized SiO ₂ , ZrO ₂ and silver nanomaterials in 3D human bronchial models. <i>Archives of Toxicology</i> , 2017 , 91, 3991-4007	5.8	19
1	Matrix-assisted laser desorption/ionization mass spectrometric investigation of pollen and their classification by multivariate statistics. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 1032-8	2.2	10