

Benjamin C Krause

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

328
citations

840585

11
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of an Artificial Digestion Procedure on Aluminum-Containing Nanomaterials. <i>Langmuir</i> , 2017, 33, 10726-10735.	1.6	45
2	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.	1.7	36
3	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.	7.8	31
4	Aluminum and aluminum oxide nanomaterials uptake after oral exposure - a comparative study. <i>Scientific Reports</i> , 2020, 10, 2698.	1.6	31
5	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.	1.9	30
6	Uptake and molecular impact of aluminum-containing nanomaterials on human intestinal caco-2 cells. <i>Nanotoxicology</i> , 2018, 12, 992-1013.	1.6	24
7	Metabolomics profiling to investigate nanomaterial toxicity <i>in vitro</i> and <i>in vivo</i> . <i>Nanotoxicology</i> , 2020, 14, 807-826.	1.6	24
8	Investigation of the <i>in vitro</i> 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.	2.4	22
9	Versailles project on advanced materials and standards (VAMAS) interlaboratory study on measuring the number concentration of colloidal gold nanoparticles. <i>Nanoscale</i> , 2022, 14, 4690-4704.	2.8	15
10	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, 1032-1038.	0.7	11
11	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, 1278.	1.8	11
12	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, 1447.	1.3	10
13	Simultaneous Quantification and Visualization of Titanium Dioxide Nanomaterial Uptake at the Single Cell Level in an <i>In Vitro</i> Model of the Human Small Intestine. <i>Small Methods</i> , 2019, 3, 1800540.	4.6	8
14	Combinatory Effects of Cerium Dioxide Nanoparticles and Acetaminophen on the Liver—A Case Study of Low-Dose Interactions in Human HuH-7 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6866.	1.8	8
15	Cellular Effects of <i>In Vitro</i> -Digested Aluminum Nanomaterials on Human Intestinal Cells. <i>ACS Applied Nano Materials</i> , 2020, 3, 2246-2256.	2.4	7
16	Genotoxic impact of aluminum-containing nanomaterials in human intestinal and hepatic cells. <i>Toxicology in Vitro</i> , 2022, 78, 105257.	1.1	6
17	Chronic effects of two rutile TiO ₂ nanomaterials in human intestinal and hepatic cell lines. <i>Particle and Fibre Toxicology</i> , 2022, 19, 37.	2.8	5
18	ICP-MS-based Approach to Determine Nanoparticle Recovery After Hollow Fiber Flow Field Flow Fractionation. <i>Current Medicinal Chemistry</i> , 2022, 29, 358-368.	1.2	4