Benjamin C Krause

List of Publications by Citations

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	Impact of an Artificial Digestion Procedure on Aluminum-Containing Nanomaterials. *Langmuir*, **2017**, 33, 10726-10735	4	32
14	Characterization of aluminum, aluminum oxide and titanium dioxide nanomaterials using a combination of methods for particle surface and size analysis.. *RSC Advances*, **2018**, 8, 14377-14388	3.7	25
13	Genotoxicity testing of different surface-functionalized SiO, ZrO and silver nanomaterials in 3D human bronchial models. *Archives of Toxicology*, **2017**, 91, 3991-4007	5.8	19
12	Aluminum and aluminum oxide nanomaterials uptake after oral exposure - a comparative study. *Scientific Reports*, **2020**, 10, 2698	4.9	18
11	Emerging paradigm against global antimicrobial resistance via bioprospecting of mushroom into novel nanotherapeutics development. *Trends in Food Science and Technology*, **2020**, 106, 333-344	15.3	18
10	Investigation of the in vitro genotoxicity of two rutile TiO2 nanomaterials in human intestinal and hepatic cells and evaluation of their interference with toxicity assays. *NanoImpact*, **2018**, 11, 69-81	5.6	17
9	Uptake and molecular impact of aluminum-containing nanomaterials on human intestinal caco-2 cells. *Nanotoxicology*, **2018**, 12, 992-1013	5.3	17
8	Metabolomics profiling to investigate nanomaterial toxicity and. *Nanotoxicology*, **2020**, 14, 807-826	5.3	11
7	Matrix-assisted laser desorption/ionization mass spectrometric investigation of pollen and their classification by multivariate statistics. *Rapid Communications in Mass Spectrometry*, **2012**, 26, 1032-8	2.2	10
6	Simultaneous Quantification and Visualization of Titanium Dioxide Nanomaterial Uptake at the Single Cell Level in an In Vitro Model of the Human Small Intestine. *Small Methods*, **2019**, 3, 1800540	12.8	7
5	Tackling Complex Analytical Tasks: An ISO/TS-Based Validation Approach for Hydrodynamic Chromatography Single Particle Inductively Coupled Plasma Mass Spectrometry. *Materials*, **2020**, 13,	3.5	7
4	The Vitamin A and D Exposure of Cells Affects the Intracellular Uptake of Aluminum Nanomaterials and its Agglomeration Behavior: A Chemo-Analytic Investigation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	6
3	Cellular Effects of In Vitro-Digested Aluminum Nanomaterials on Human Intestinal Cells. *ACS Applied Nano Materials*, **2020**, 3, 2246-2256	5.6	3
2	Genotoxic impact of aluminum-containing nanomaterials in human intestinal and hepatic cells. *Toxicology in Vitro*, **2022**, 78, 105257	3.6	1
1	Chronic effects of two rutile TiO nanomaterials in human intestinal and hepatic cell lines.. *Particle and Fibre Toxicology*, **2022**, 19, 37	8.4	0