

Anna K Undas

List of Publications by Citations

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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.

20
papers

1,097
citations

15
h-index

22
g-index

22
ext. papers

1,347
ext. citations

6.1
avg, IF

4.21
L-index

#	Paper	IF	Citations
20	Nanomaterials for products and application in agriculture, feed and food. <i>Trends in Food Science and Technology</i> , 2016 , 54, 155-164	15.3	223
19	Single particle ICP-MS combined with a data evaluation tool as a routine technique for the analysis of nanoparticles in complex matrices. <i>Journal of Analytical Atomic Spectrometry</i> , 2015 , 30, 1274-1285	3.7	157
18	Does abscisic acid affect strigolactone biosynthesis?. <i>New Phytologist</i> , 2010 , 187, 343-354	9.8	152
17	Detection of nanoparticles in Dutch surface waters. <i>Science of the Total Environment</i> , 2018 , 621, 210-218	10.2	111
16	Detection of titanium particles in human liver and spleen and possible health implications. <i>Particle and Fibre Toxicology</i> , 2018 , 15, 15	8.4	73
15	Multi-element analysis of single nanoparticles by ICP-MS using quadrupole and time-of-flight technologies. <i>Journal of Analytical Atomic Spectrometry</i> , 2018 , 33, 835-845	3.7	52
14	Properties of silver nanoparticles influencing their uptake in and toxicity to the earthworm <i>Lumbricus rubellus</i> following exposure in soil. <i>Environmental Pollution</i> , 2016 , 218, 870-878	9.3	49
13	Analytical approaches for the characterization and quantification of nanoparticles in food and beverages. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 63-80	4.4	47
12	Different responses of Caco-2 and MCF-7 cells to silver nanoparticles are based on highly similar mechanisms of action. <i>Nanotoxicology</i> , 2016 , 10, 1431-1441	5.3	41
11	Ageing, dissolution and biogenic formation of nanoparticles: how do these factors affect the uptake kinetics of silver nanoparticles in earthworms?. <i>Environmental Science: Nano</i> , 2018 , 5, 1107-1116	7.1	37
10	Silicon dioxide and titanium dioxide particles found in human tissues. <i>Nanotoxicology</i> , 2020 , 14, 420-432	5.3	33
9	Impact of digestion on gastrointestinal fate and uptake of silver nanoparticles with different surface modifications. <i>Nanotoxicology</i> , 2020 , 14, 111-126	5.3	29
8	Suitability of analytical methods to measure solubility for the purpose of nanoregulation. <i>Nanotoxicology</i> , 2016 , 10, 173-84	5.3	23
7	A novel method for the quantification, characterisation and speciation of silver nanoparticles in earthworms exposed in soil. <i>Environmental Chemistry</i> , 2015 , 12, 643	3.2	22
6	Particle size analysis of pristine food-grade titanium dioxide and E 171 in confectionery products: Interlaboratory testing of a single-particle inductively coupled plasma mass spectrometry screening method and confirmation with transmission electron microscopy. <i>Food Control</i> , 2021 , 120, 107550	6.2	20
5	Sticky Measurement Problem: Number Concentration of Agglomerated Nanoparticles. <i>Langmuir</i> , 2019 , 35, 4927-4935	4	13
4	Floral Volatiles in Parasitic Plants of the Orobanchaceae. Ecological and Taxonomic Implications. <i>Frontiers in Plant Science</i> , 2016 , 7, 312	6.2	6

3	The Use of Metabolomics to Elucidate Resistance Markers against Damson-Hop Aphid. <i>Journal of Chemical Ecology</i> , 2018 , 44, 711-726	2-7	5
2	Cross-platform comparative analyses of genetic variation in amino acid content in potato tubers. <i>Metabolomics</i> , 2014 , 10, 1239-1257	4-7	2
1	Determination of the Transport Efficiency in spICP-MS Analysis Using Conventional Sample Introduction Systems: An Interlaboratory Comparison Study.. <i>Nanomaterials</i> , 2022 , 12,	5-4	2