

Stefan Weigel

List of Publications by Year in descending order

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19
papers

2,263
citations

567281

15
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

3126
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Titanium Dioxide Nanoparticles in Food Products: Analytical Methods To Define Nanoparticles. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 6285-6293.	5.2	328
2	Nanomaterials for products and application in agriculture, feed and food. <i>Trends in Food Science and Technology</i> , 2016, 54, 155-164.	15.1	294
3	Regulatory aspects of nanotechnology in the agri/feed/food sector in EU and non-EU countries. <i>Regulatory Toxicology and Pharmacology</i> , 2015, 73, 463-476.	2.7	291
4	Presence of Nano-Sized Silica during <i>In Vitro</i> Digestion of Foods Containing Silica as a Food Additive. <i>ACS Nano</i> , 2012, 6, 2441-2451.	14.6	286
5	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.	3.0	193
6	Guidance on risk assessment of the application of nanoscience and nanotechnologies in the food and feed chain: Part 1, human and animal health. <i>EFSA Journal</i> , 2018, 16, e05327.	1.8	158
7	Detection of chloramphenicol and chloramphenicol glucuronide residues in poultry muscle, honey, prawn and milk using a surface plasmon resonance biosensor and Qflex [®] kit chloramphenicol. <i>Analytica Chimica Acta</i> , 2005, 529, 109-113.	5.4	141
8	Development and validation of single particle ICP-MS for sizing and quantitative determination of nano-silver in chicken meat. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 3875-85.	3.7	126
9	How reliably can a material be classified as a nanomaterial? Available particle-sizing techniques at work. <i>Journal of Nanoparticle Research</i> , 2016, 18, 158.	1.9	100
10	Guidance on risk assessment of nanomaterials to be applied in the food and feed chain: human and animal health. <i>EFSA Journal</i> , 2021, 19, e06768.	1.8	86
11	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.	3.0	74
12	Advances in biosensor-based analysis for antimicrobial residues in foods. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 1281-1294.	11.4	68
13	Feasibility of the development of reference materials for the detection of Ag nanoparticles in food: neat dispersions and spiked chicken meat. <i>Accreditation and Quality Assurance</i> , 2015, 20, 3-16.	0.8	33
14	Nano or Not Nano? A Structured Approach for Identifying Nanomaterials According to the European Commission's Definition. <i>Small</i> , 2020, 16, e2002228.	10.0	32
15	Transfer Study of Silver Nanoparticles in Poultry Production. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3767-3774.	5.2	22
16	A technique-driven materials categorisation scheme to support regulatory identification of nanomaterials. <i>Nanoscale Advances</i> , 2019, 1, 781-791.	4.6	11
17	Comparison of a fluoroquinolone surface plasmon resonance biosensor screening assay with established methods. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009, 26, 441-452.	2.3	10
18	NanoDefiner e-Tool: An Implemented Decision Support Framework for Nanomaterial Identification. <i>Materials</i> , 2019, 12, 3247.	2.9	7

#	ARTICLE	IF	CITATIONS
19	The NanoDefiner e-tool " A decision support framework for recommendation of suitable measurement techniques for the assessment of potential nanomaterials. , 2017, , .		3