

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	Guidance on risk assessment of nanomaterials to be applied in the food and feed chain: human and animal health. EFSA Journal, 2021, 19, e06768.	1.8	86
2	Nano or Not Nano? A Structured Approach for Identifying Nanomaterials According to the European Commission's Definition. Small, 2020, 16, e2002228.	10.0	32
3	NanoDefiner e-Tool: An Implemented Decision Support Framework for Nanomaterial Identification. Materials, 2019, 12, 3247.	2.9	7
4	A technique-driven materials categorisation scheme to support regulatory identification of nanomaterials. Nanoscale Advances, 2019, 1, 781-791.	4.6	11
5	Multi-element analysis of single nanoparticles by ICP-MS using quadrupole and time-of-flight technologies. Journal of Analytical Atomic Spectrometry, 2018, 33, 835-845.	3.0	74
6	Guidance on risk assessment of the application of nanoscience and nanotechnologies in the food and feed chain: Part 1, human and animal health. EFSA Journal, 2018, 16, e05327.	1.8	158
7	Transfer Study of Silver Nanoparticles in Poultry Production. Journal of Agricultural and Food Chemistry, 2017, 65, 3767-3774.	5.2	22
8	The NanoDefiner e-tool " A decision support framework for recommendation of suitable measurement techniques for the assessment of potential nanomaterials. , 2017, , .		3
9	How reliably can a material be classified as a nanomaterial? Available particle-sizing techniques at work. Journal of Nanoparticle Research, 2016, 18, 158.	1.9	100
10	Nanomaterials for products and application in agriculture, feed and food. Trends in Food Science and Technology, 2016, 54, 155-164.	15.1	294
11	Feasibility of the development of reference materials for the detection of Ag nanoparticles in food: neat dispersions and spiked chicken meat. Accreditation and Quality Assurance, 2015, 20, 3-16.	0.8	33
12	Single particle ICP-MS combined with a data evaluation tool as a routine technique for the analysis of nanoparticles in complex matrices. Journal of Analytical Atomic Spectrometry, 2015, 30, 1274-1285.	3.0	193
13	Regulatory aspects of nanotechnology in the agri/feed/food sector in EU and non-EU countries. Regulatory Toxicology and Pharmacology, 2015, 73, 463-476.	2.7	291
14	Development and validation of single particle ICP-MS for sizing and quantitative determination of nano-silver in chicken meat. Analytical and Bioanalytical Chemistry, 2014, 406, 3875-85.	3.7	126
15	Characterization of Titanium Dioxide Nanoparticles in Food Products: Analytical Methods To Define Nanoparticles. Journal of Agricultural and Food Chemistry, 2014, 62, 6285-6293.	5.2	328
16	Presence of Nano-Sized Silica during <i>In Vitro</i> Digestion of Foods Containing Silica as a Food Additive. ACS Nano, 2012, 6, 2441-2451.	14.6	286
17	Advances in biosensor-based analysis for antimicrobial residues in foods. TrAC - Trends in Analytical Chemistry, 2010, 29, 1281-1294.	11.4	68
18	Comparison of a fluoroquinolone surface plasmon resonance biosensor screening assay with established methods. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2009, 26, 441-452.	2.3	10

#	ARTICLE	IF	CITATIONS
19	Detection of chloramphenicol and chloramphenicol glucuronide residues in poultry muscle, honey, prawn and milk using a surface plasmon resonance biosensor and Qflex ^Å kit chloramphenicol. <i>Analytica Chimica Acta</i> , 2005, 529, 109-113.	5.4	141