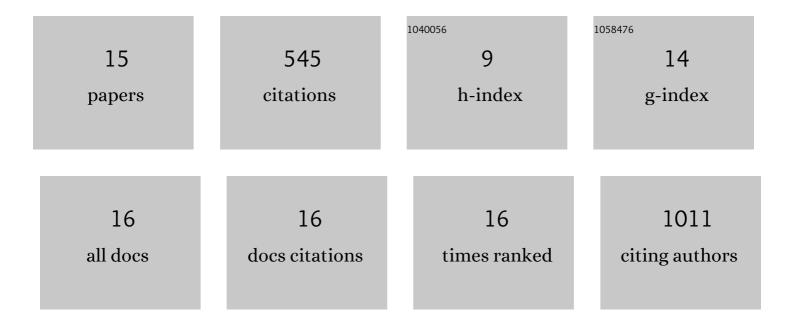
Elke Walz

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8806882/publications.pdf Version: 2024-02-01



FIRE WAL

#	Article	IF	CITATIONS
1	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. Food Control, 2021, 120, 107550.	5.5	48
2	Characterisation of TiO ₂ -containing pearlescent pigments with regard to the European Union labelling obligation of engineered nanomaterials in food. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 741-753.	2.3	4
3	Evaluation and optimisation of sample preparation protocols suitable for the analysis of plastic particles present in seafood. Food Control, 2021, 125, 107969.	5.5	21
4	Online-coupling of AF4 and single particle-ICP-MS as an analytical approach for the selective detection of nanosilver release from model food packaging films into food simulants. Food Control, 2017, 80, 113-124.	5.5	33
5	Mutagenicity of silver nanoparticles in CHO cells dependent on particle surface functionalization and metabolic activation. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	2
6	Effect of culture medium on the extracellular synthesis of silver nanoparticles using Klebsiella pneumoniae , Escherichia coli and Pseudomonas jessinii. Biocatalysis and Agricultural Biotechnology, 2016, 6, 107-115.	3.1	31
7	Ultra high pressure homogenization of almond milk: Physico-chemical and physiological effects. Food Chemistry, 2016, 192, 82-89.	8.2	93
8	Emulsification of particle loaded drops in simple shear flow. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 470, 179-187.	4.7	8
9	Engineered Nanomaterials in the Food Sector. Comprehensive Analytical Chemistry, 2015, , 579-616.	1.3	1
10	Production of Particle‣tabilized Nonspherical Emulsion Drops in Simple Shear Flow. Chemical Engineering and Technology, 2015, 38, 1490-1493.	1.5	8
11	Impact of surface coating and food-mimicking media on nanosilver-protein interaction. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	65
12	Potential bioavailability enhancement of bioactive compounds using food-grade engineered nanomaterials: a review of the existing evidence. Food and Function, 2014, 5, 1341.	4.6	129
13	Stability of Anthocyaninâ€Rich W/O/Wâ€Emulsions Designed for Intestinal Release in Gastrointestinal Environment. Journal of Food Science, 2012, 77, N50-7.	3.1	75
14	Encapsulation of Carotenoids. , 2010, , 211-252.		18
15	Thermal conductivity of food materials at elevated temperatures. High Temperatures - High Pressures, 2001. 33. 693-697.	0.3	9