

Roland Franz

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

950
citations

535685

17
h-index

511568

30
g-index

33
all docs

33
docs citations

33
times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of Post-Consumer Packaging Materials into New Food Packaging Applicationsâ€”Critical Review of the European Approach and Future Perspectives. Sustainability, 2022, 14, 824.	1.6	38
2	Safety assessment of the substance silver nanoparticles for use in food contact materials. EFSA Journal, 2021, 19, e06790.	0.9	7
3	Guidance on risk assessment of nanomaterials to be applied in the food and feed chain: human and animal health. EFSA Journal, 2021, 19, e06768.	0.9	86
4	Contamination Levels in Recollected PET Bottles from Non-Food Applications and their Impact on the Safety of Recycled PET for Food Contact. Molecules, 2020, 25, 4998.	1.7	39
5	Considerations for and Guidance to Testing and Evaluating Migration/Release of Nanoparticles from Polymer Based Nanocomposites. Nanomaterials, 2020, 10, 1113.	1.9	15
6	Dialkylketones in Paperboard Food Contact Materialsâ€”Method of Analysis in Fatty Foods and Comparative Migration into Liquid Simulants Versus Foodstuffs. Molecules, 2020, 25, 915.	1.7	4
7	Investigations into the Potential Abrasive Release of Nanomaterials due to Material Stress Conditions-Part A: Carbon Black Nano-Particulates in Plastic and Rubber Composites. Applied Sciences (Switzerland), 2019, 9, 214.	1.3	11
8	Investigations into the Potential Abrasive Release of Nanomaterials due to Material Stress Conditionsâ€”Part B: Silver, Titanium Nitride, and Laponite Nanoparticles in Plastic Composites. Applied Sciences (Switzerland), 2019, 9, 221.	1.3	9
9	Microplastic in bottled natural mineral water â€” literature review and considerations on exposure and risk assessment. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 2482-2492.	1.1	78
10	Investigation into the Potential Migration of Nanoparticles from Laponite-Polymer Nanocomposites. Nanomaterials, 2018, 8, 723.	1.9	26
11	Oligomers in polyethylene furanoate - identification and quantification approach via LC-UV LC-MS response ratio. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 2244-2255.	1.1	3
12	Overview on European Regulatory Issues, Legislation, and EFSA Evaluations of Nanomaterials. , 2018, , 277-300.		4
13	Oligomers in polyethylene naphthalate and polybutylene terephthalate â€” Identification and exploring migration. Food Packaging and Shelf Life, 2018, 17, 171-178.	3.3	21
14	Migration of oligomers from PET: determination of diffusion coefficients and comparison of experimental versus modelled migration. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 1251-1260.	1.1	31
15	Food Package Testing Authorities and Regulations. , 2017, , 303-332.		0
16	Study of the partition coefficients $K_{p/f}$ of seven model migrants from LDPE polymer in contact with food simulants. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 885-892.	1.1	10
17	Diffusion behaviour of the acetaldehyde scavenger 2-aminobenzamide in polyethylene terephthalate for beverage bottles. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 1-9.	1.1	9
18	Correlation of foodstuffs with ethanolâ€”water mixtures with regard to the solubility of migrants from food contact materials. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 498-511.	1.1	33

#	ARTICLE	IF	CITATIONS
19	Migration of nanoparticles from plastic packaging materials containing carbon black into foodstuffs. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 1769-1782.	1.1	74
20	Migration of Acrylic Monomers from Methacrylate Polymers - Establishing Parameters for Migration Modelling. Packaging Technology and Science, 2013, 26, 435-451.	1.3	17
21	Permeation of Mineral Oil Components from Cardboard Packaging Materials through Polymer Films. Packaging Technology and Science, 2013, 26, 423-434.	1.3	31
22	Diffusion coefficients and activation energies of diffusion of low molecular weight migrants in Poly(ethylene terephthalate) bottles. Polymer Testing, 2012, 31, 93-101.	2.3	51
23	SiO ₂ layer as functional barrier in polyethylene terephthalate (PET) bottles against potential contaminants from post-consumer recycled PET. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2008, 25, 788-794.	1.1	15
24	Note for Guidance For the Preparation of an Application for the Safety Assessment of a Substance to be used in Plastic Food Contact Materials. EFSA Journal, 2008, 6, 21r.	0.9	43
25	Modelling of simultaneous two-sided migration into water and olive oil from nylon food packaging. European Food Research and Technology, 2005, 220, 156-162.	1.6	17
26	Migration and sensory evaluation of irradiated polymers. Radiation Physics and Chemistry, 2004, 71, 205-208.	1.4	28
27	Migration and sensory changes of packaging materials caused by ionising radiation. Radiation Physics and Chemistry, 2002, 63, 841-844.	1.4	46
28	The effects of ¹³⁷ I-irradiation on compositional changes in plastic packaging films. Packaging Technology and Science, 1999, 12, 119-130.	1.3	73
29	A study on the equivalence of olive oil and the EU official substitute test media for migration testing at high temperatures. Food Additives and Contaminants, 1999, 16, 419-431.	2.0	17
30	Identification of migratable substances in recycled high density polyethylene collected from household waste. Journal of High Resolution Chromatography, 1997, 20, 427-430.	2.0	27
31	Study of Functional Barrier Properties of Multilayer Recycled Poly(ethylene terephthalate) Bottles for Soft Drinks. Journal of Agricultural and Food Chemistry, 1996, 44, 892-897.	2.4	56
32	ALTERNATIVE FATTY FOOD SIMULANTS FOR POLYMER MIGRATION TESTING: EXPERIMENTAL CONFIRMATION. Journal of Polymer Engineering, 1995, 15, .	0.6	12
33	Migration of Plastic Constituents. , 0, , 349-415.		19