

Inna E Popova

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

565
citations

623188

14
h-index

676716

22
g-index

35
all docs

35
docs citations

35
times ranked

779
citing authors

#	ARTICLE	IF	CITATIONS
1	Microneedle-assisted delivery of verapamil hydrochloride and amlodipine besylate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 284-291.	2.0	81
2	Bench scale and microplate format assay of soil enzyme activities using spectroscopic and fluorometric approaches. <i>Applied Soil Ecology</i> , 2013, 64, 84-90.	2.1	59
3	Sorption, Leaching, and Surface Runoff of Beef Cattle Veterinary Pharmaceuticals under Simulated Irrigated Pasture Conditions. <i>Journal of Environmental Quality</i> , 2013, 42, 1167-1175.	1.0	33
4	A high-throughput microplate assay for simultaneous colorimetric quantification of multiple enzyme activities in soil. <i>Applied Soil Ecology</i> , 2010, 45, 315-318.	2.1	31
5	Simultaneous Quantification of Sinigrin, Sinalbin, and Anionic Glucosinolate Hydrolysis Products in <i>Brassica juncea</i> and <i>Sinapis alba</i> Seed Extracts Using Ion Chromatography. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 10687-10693.	2.4	31
6	The Influence of Solid Microneedles on the Transdermal Delivery of Selected Antiepileptic Drugs. <i>Pharmaceutics</i> , 2016, 8, 33.	2.0	31
7	Carbohydrate Hydrolases. <i>Soil Science Society of America Book Series</i> , 0, , 185-209.	0.3	30
8	Sorption of Pharmaceuticals, Heavy Metals, and Herbicides to Biochar in the Presence of Biosolids. <i>Journal of Environmental Quality</i> , 2016, 45, 1998-2006.	1.0	29
9	Optimization of hydrolysis conditions for release of biopesticides from glucosinolates in <i>Brassica juncea</i> and <i>Sinapis alba</i> seed meal extracts. <i>Industrial Crops and Products</i> , 2017, 97, 354-359.	2.5	26
10	Bioherbicidal activity of <i>Sinapis alba</i> seed meal extracts. <i>Industrial Crops and Products</i> , 2018, 115, 174-181.	2.5	26
11	Dairy manure as a potential source of crop nutrients and environmental contaminants. <i>Journal of Environmental Sciences</i> , 2021, 100, 117-130.	3.2	25
12	Sinigrin and sinalbin quantification in mustard seed using high performance liquid chromatography–time-of-flight mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2014, 35, 120-126.	1.9	22
13	Dual guild herbivory disrupts predator–prey interactions in the field. <i>Ecology</i> , 2018, 99, 1089-1098.	1.5	20
14	Control of <i>Globodera</i> spp. Using <i>Brassica juncea</i> Seed Meal and Seed Meal Extract. <i>Journal of Nematology</i> , 2017, 49, 437-445.	0.4	18
15	Transdermal Delivery of Captopril and Metoprolol Tartrate with Microneedles. <i>Drug Delivery Letters</i> , 2014, 4, 236-243.	0.2	16
16	The Influence of Microneedles on the Percutaneous Penetration of Selected Antihypertensive Agents: Diltiazem Hydrochloride and Perindopril Erbumine. <i>Current Drug Delivery</i> , 2018, 15, 1449-1458.	0.8	11
17	Influence of sonophoresis and chemical penetration enhancers on percutaneous transport of penbutolol sulfate. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 990-995.	1.1	10
18	Transport of Potential Manure Hormone and Pharmaceutical Contaminants through Intact Soil Columns. <i>Journal of Environmental Quality</i> , 2019, 48, 47-56.	1.0	9

#	ARTICLE	IF	CITATIONS
19	Efficient Extraction of Fuel Oil Hydrocarbons from Wood. Separation Science and Technology, 2008, 43, 778-793.	1.3	8
20	Pressurized liquid extraction of six tetracyclines from agricultural soils. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2019, 54, 35-40.	0.7	8
21	Optimizing the use of Sinapis alba seed meal extracts as a source of thiocyanate (SCN ⁻) for the lactoperoxidase system. LWT - Food Science and Technology, 2016, 72, 416-422.	2.5	6
22	Sinapis alba seed meal as a feedstock for extracting the natural tyrosinase inhibitor 4-hydroxybenzyl alcohol. Industrial Crops and Products, 2018, 124, 505-509.	2.5	6
23	High-Performance Liquid Chromatography–Mass Spectrometry Analysis of Glycoalkaloids from Underexploited Solanum Species and Their Acetylcholinesterase Inhibition Activity. Plants, 2022, 11, 269.	1.6	6
24	Tetracycline resistance in semi-arid agricultural soils under long-term swine effluent application. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 298-305.	0.7	5
25	Fate of the nonsteroidal, anti-inflammatory veterinary drug flunixin in agricultural soils and dairy manure. Environmental Science and Pollution Research, 2020, 27, 19746-19753.	2.7	4
26	Control of spp. Using Seed Meal and Seed Meal Extract. Journal of Nematology, 2017, 49, 437-445.	0.4	4
27	Photo-assisted removal of fuel oil hydrocarbons from wood and concrete. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 1132-1143.	0.9	2
28	Environmental transport of endogenous dairy manure estrogens. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2017, 52, 817-822.	0.7	2
29	Yellow and oriental mustard seed lecithin content and composition. Journal of Food Composition and Analysis, 2021, 98, 103819.	1.9	2
30	Determination of nickel(II) by its influence on the oxidation of 3,3â€™,5,5â€™-tetramethylbenzidine with periodate. Mendeleev Communications, 2004, 14, 223-225.	0.6	1
31	The Nature of Organic Matter and Sorption of Phosalone in Soil. Soil Science Society of America Journal, 2009, 73, 1980-1987.	1.2	1
32	Efficient Extraction of Fuel Oil Hydrocarbons from Concrete. Separation Science and Technology, 2010, 46, 254-264.	1.3	1
33	Optimization of Hidden Target Screening for Solanum sisymbriifolium Glycoalkaloids. Chromatographia, 2021, 84, 135-145.	0.7	1
34	Microneedle-mediated transdermal transport of selected triptans: frovatriptan succinate monohydrate and rizatriptan benzoate. Frontiers in Nanoscience and Nanotechnology, 2018, 4, .	0.3	0
35	Microneedle-assisted delivery of anti-migraine drugs across porcine skin: almotriptan malate and naratriptan hydrochloride. Frontiers in Nanoscience and Nanotechnology, 2018, 4, .	0.3	0