

Inna E Popova

List of Publications by Year in descending order

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35
papers

565
citations

623188

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676716

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35
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times ranked

779
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | High-Performance Liquid Chromatography–Mass Spectrometry Analysis of Glycoalkaloids from Underexploited Solanum Species and Their Acetylcholinesterase Inhibition Activity. <i>Plants</i> , 2022, 11, 269. | 1.6 | 6 |
| 2 | 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 |
| 3 | Optimization of Hidden Target Screening for Solanum sisymbriifolium Glycoalkaloids. <i>Chromatographia</i> , 2021, 84, 135-145. | 0.7 | 1 |
| 4 | Yellow and oriental mustard seed lecithin content and composition. <i>Journal of Food Composition and Analysis</i> , 2021, 98, 103819. | 1.9 | 2 |
| 5 | Fate of the nonsteroidal, anti-inflammatory veterinary drug flunixin in agricultural soils and dairy manure. <i>Environmental Science and Pollution Research</i> , 2020, 27, 19746-19753. | 2.7 | 4 |
| 6 | 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 |
| 7 | Pressurized liquid extraction of six tetracyclines from agricultural soils. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019, 54, 35-40. | 0.7 | 8 |
| 8 | Dual guild herbivory disrupts predator-prey interactions in the field. <i>Ecology</i> , 2018, 99, 1089-1098. | 1.5 | 20 |
| 9 | Bioherbicidal activity of Sinapis alba seed meal extracts. <i>Industrial Crops and Products</i> , 2018, 115, 174-181. | 2.5 | 26 |
| 10 | 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 |
| 11 | Sinapis alba seed meal as a feedstock for extracting the natural tyrosinase inhibitor 4-hydroxybenzyl alcohol. <i>Industrial Crops and Products</i> , 2018, 124, 505-509. | 2.5 | 6 |
| 12 | Microneedle-mediated transdermal transport of selected triptans: frovatriptan succinate monohydrate and rizatriptan benzoate. <i>Frontiers in Nanoscience and Nanotechnology</i> , 2018, 4, . | 0.3 | 0 |
| 13 | Microneedle-assisted delivery of anti-migraine drugs across porcine skin: almotriptan malate and naratriptan hydrochloride. <i>Frontiers in Nanoscience and Nanotechnology</i> , 2018, 4, . | 0.3 | 0 |
| 14 | Tetracycline resistance in semi-arid agricultural soils under long-term swine effluent application. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 298-305. | 0.7 | 5 |
| 15 | Optimization of hydrolysis conditions for release of biopesticides from glucosinolates in Brassica juncea and Sinapis alba seed meal extracts. <i>Industrial Crops and Products</i> , 2017, 97, 354-359. | 2.5 | 26 |
| 16 | Environmental transport of endogenous dairy manure estrogens. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2017, 52, 817-822. | 0.7 | 2 |
| 17 | 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 |
| 18 | Control of spp. Using Seed Meal and Seed Meal Extract. <i>Journal of Nematology</i> , 2017, 49, 437-445. | 0.4 | 4 |

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|----|---|-----|-----------|
| 19 | The Influence of Solid Microneedles on the Transdermal Delivery of Selected Antiepileptic Drugs. <i>Pharmaceutics</i> , 2016, 8, 33. | 2.0 | 31 |
| 20 | 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 |
| 21 | Optimizing the use of <i>Sinapis alba</i> seed meal extracts as a source of thiocyanate (SCN ⁻) for the lactoperoxidase system. <i>LWT - Food Science and Technology</i> , 2016, 72, 416-422. | 2.5 | 6 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Microneedle-assisted delivery of verapamil hydrochloride and amlodipine besylate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 284-291. | 2.0 | 81 |
| 26 | Transdermal Delivery of Captopril and Metoprolol Tartrate with Microneedles. <i>Drug Delivery Letters</i> , 2014, 4, 236-243. | 0.2 | 16 |
| 27 | 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 |
| 28 | 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 |
| 29 | Efficient Extraction of Fuel Oil Hydrocarbons from Concrete. <i>Separation Science and Technology</i> , 2010, 46, 254-264. | 1.3 | 1 |
| 30 | 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 |
| 31 | The Nature of Organic Matter and Sorption of Phosalone in Soil. <i>Soil Science Society of America Journal</i> , 2009, 73, 1980-1987. | 1.2 | 1 |
| 32 | Photo-assisted removal of fuel oil hydrocarbons from wood and concrete. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 1132-1143. | 0.9 | 2 |
| 33 | Efficient Extraction of Fuel Oil Hydrocarbons from Wood. <i>Separation Science and Technology</i> , 2008, 43, 778-793. | 1.3 | 8 |
| 34 | Determination of nickel(II) by its influence on the oxidation of 3,3 ^â TM ,5,5 ^â TM -tetramethylbenzidine with periodate. <i>Mendeleev Communications</i> , 2004, 14, 223-225. | 0.6 | 1 |
| 35 | Carbohydrate Hydrolases. <i>Soil Science Society of America Book Series</i> , 0, , 185-209. | 0.3 | 30 |