

# Rai S Kookana

## List of Publications by Year in descending order

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Version: 2024-02-01

239  
papers

15,490  
citations

17429

63  
h-index

20343

116  
g-index

245  
all docs

245  
docs citations

245  
times ranked

14091  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increasing ionic strength and valency of cations enhance sorption through hydrophobic interactions of PFAS with soil surfaces. <i>Science of the Total Environment</i> , 2022, 817, 152975.	3.9	60
2	Organic carbon and salinity affect desorption of PFAS from estuarine sediments. <i>Journal of Soils and Sediments</i> , 2022, 22, 1302-1314.	1.5	5
3	Comparing the Leaching Behavior of Per- and Polyfluoroalkyl Substances from Contaminated Soils Using Static and Column Leaching Tests. <i>Environmental Science &amp; Technology</i> , 2022, 56, 368-378.	4.6	24
4	Method for extraction and analysis of per- and poly-fluoroalkyl substances in contaminated asphalt. <i>Analytical Methods</i> , 2022, 14, 1678-1689.	1.3	5
5	Pollutants   Persistent organic. , 2022, , .		1
6	Laboratory batch representation of PFAS leaching from aged field soils: Intercomparison across new and standard approaches. <i>Science of the Total Environment</i> , 2022, 838, 156562.	3.9	8
7	Assessment of Mobilization Potential of Per- and Polyfluoroalkyl Substances for Soil Remediation. <i>Environmental Science &amp; Technology</i> , 2022, 56, 10030-10041.	4.6	12
8	Sorption, degradation and microbial toxicity of chemicals associated with hydraulic fracturing fluid and produced water in soils. <i>Environmental Pollution</i> , 2022, 309, 119754.	3.7	3
9	An investigation into the long-term binding and uptake of PFOS, PFOA and PFHxS in soil " plant systems. <i>Journal of Hazardous Materials</i> , 2021, 404, 124065.	6.5	22
10	Sequestration and potential release of PFAS from spent engineered sorbents. <i>Science of the Total Environment</i> , 2021, 765, 142770.	3.9	38
11	Chronic effects and thresholds for estuarine and marine benthic organism exposure to perfluorooctane sulfonic acid (PFOS)-contaminated sediments: Influence of organic carbon and exposure routes. <i>Science of the Total Environment</i> , 2021, 776, 146008.	3.9	17
12	Comprehensive framework for human health risk assessment of nanopesticides. <i>Nature Nanotechnology</i> , 2021, 16, 955-964.	15.6	48
13	Mineralisation and release of <sup>14</sup> C-graphene oxide (GO) in soils. <i>Chemosphere</i> , 2020, 238, 124558.	4.2	15
14	Sorption behaviour of per- and polyfluoroalkyl substances (PFASs) in tropical soils. <i>Environmental Pollution</i> , 2020, 258, 113726.	3.7	31
15	Sources, presence and potential effects of contaminants of emerging concern in the marine environments of the Great Barrier Reef and Torres Strait, Australia. <i>Science of the Total Environment</i> , 2020, 719, 135140.	3.9	86
16	Influences of Chemical Properties, Soil Properties, and Solution pH on Soil"Water Partitioning Coefficients of Per- and Polyfluoroalkyl Substances (PFASs). <i>Environmental Science &amp; Technology</i> , 2020, 54, 15883-15892.	4.6	171
17	Urbanisation and emerging economies: Issues and potential solutions for water and food security. <i>Science of the Total Environment</i> , 2020, 732, 139057.	3.9	82
18	Sorption behaviour of per- and polyfluoroalkyl substances (PFASs) as affected by the properties of coastal estuarine sediments. <i>Science of the Total Environment</i> , 2020, 720, 137263.	3.9	28

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19	Innovative Chemistry for Environmental Enhancement. Chemistry International, 2020, 42, 41-44.	0.3	0
20	Organic waste from sugar mills as a potential soil ameliorant to minimise herbicide runoff to the Great Barrier Reef. Science of the Total Environment, 2020, 713, 136640.	3.9	8
21	Emerging investigator series: nanotechnology to develop novel agrochemicals: critical issues to consider in the global agricultural context. Environmental Science: Nano, 2020, 7, 1867-1873.	2.2	15
22	Emerging contaminants in a river receiving untreated wastewater from an Indian urban centre. Science of the Total Environment, 2019, 647, 1256-1265.	3.9	124
23	Sorption of PFOA onto different laboratory materials: Filter membranes and centrifuge tubes. Chemosphere, 2019, 222, 671-678.	4.2	91
24	Optimizing the riparian zone width near a river for controlling lateral migration of irrigation water and solutes. Journal of Hydrology, 2019, 570, 637-646.	2.3	9
25	Predicting partitioning of radiolabelled <sup>14</sup> C-PFOA in a range of soils using diffuse reflectance infrared spectroscopy. Science of the Total Environment, 2019, 686, 505-513.	3.9	35
26	Microplastics in municipal mixed-waste organic outputs induce minimal short to long-term toxicity in key terrestrial biota. Environmental Pollution, 2019, 252, 522-531.	3.7	175
27	The role of surface charge and pH changes in tropical soils on sorption behaviour of per- and polyfluoroalkyl substances (PFASs). Science of the Total Environment, 2019, 673, 197-206.	3.9	46
28	Impact of (nano)formulations on the distribution and wash-off of copper pesticides and fertilisers applied on citrus leaves. Environmental Chemistry, 2019, 16, 401.	0.7	37
29	A critical analysis of published data to discern the role of soil and sediment properties in determining sorption of per and polyfluoroalkyl substances (PFASs). Science of the Total Environment, 2018, 628-629, 110-120.	3.9	207
30	Sorption, plant uptake and metabolism of benzodiazepines. Science of the Total Environment, 2018, 628-629, 18-25.	3.9	47
31	Predicting bioaccessibility of contaminants of emerging concern in marine sediments using chemical methods. Journal of Soils and Sediments, 2018, 18, 1720-1728.	1.5	3
32	Multiresidue determination and predicted risk assessment of contaminants of emerging concern in marine sediments from the vicinities of submarine sewage outfalls. Marine Pollution Bulletin, 2018, 129, 299-307.	2.3	53
33	Ecological Risk Assessment of Nano-enabled Pesticides: A Perspective on Problem Formulation. Journal of Agricultural and Food Chemistry, 2018, 66, 6480-6486.	2.4	106
34	Environmental Risk Indicators. , 2018, , 197-206.		3
35	Generic Guidelines on Integrated Analytical Approaches to Assess Indicators of Pesticide Management Practices at a Catchment Scale. , 2018, , 7-27.		2
36	Environmental Contaminants and Health Care: An Introduction. , 2018, , 1-5.		0

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37	Fate and Behavior of Environmental Contaminants Arising From Health-Care Provision. , 2018, , 21-40.		3
38	Assessment of efficacy of biocides in different soil types for use in sorption studies of low molecular weight organic compounds. Soil Research, 2018, 56, 451.	0.6	6
39	A critical evaluation of nanopesticides and nanofertilizers against their conventional analogues. Nature Nanotechnology, 2018, 13, 677-684.	15.6	685
40	Aqueous chlorination of benzodiazepines diazepam and oxazepam: Kinetics, transformation products and reaction pathways. Chemical Engineering Journal, 2018, 354, 1100-1109.	6.6	21
41	The impacts of modern-use pesticides on shrimp aquaculture: An assessment for north eastern Australia. Ecotoxicology and Environmental Safety, 2018, 148, 770-780.	2.9	60
42	Modelling environmental impacts of agriculture, focusing on oil palm. Burleigh Dodds Series in Agricultural Science, 2018, , 265-314.	0.1	0
43	Fate of radiolabeled C60 fullerenes in aged soils. Environmental Pollution, 2017, 221, 293-300.	3.7	9
44	Role of oxygen-containing functional groups in forest fire-generated and pyrolytic chars for immobilization of copper and nickel. Environmental Pollution, 2017, 220, 946-954.	3.7	8
45	Solid Phase Microextraction (SPME) Fibers: in situ Measurements of Endocrine Disrupting Chemicals in Seawater. Journal of the Brazilian Chemical Society, 2017, , .	0.6	2
46	Removal of chemicals of concern by high rate nitrifying trickling filters. Journal of Chemical Technology and Biotechnology, 2016, 91, 3070-3078.	1.6	9
47	Pharmaceuticals in the environment: An introduction to the <i>ET&C</i> special issue. Environmental Toxicology and Chemistry, 2016, 35, 763-766.	2.2	7
48	Impact of exogenous organic carbon on the removal of chemicals of concern in the high rate nitrifying trickling filters. Journal of Environmental Management, 2016, 174, 7-13.	3.8	7
49	Removal of carbamazepine in aqueous solutions through solar photolysis of free available chlorine. Water Research, 2016, 100, 413-420.	5.3	86
50	Impact of Herbicides on Soil Biology and Function. Advances in Agronomy, 2016, , 133-220.	2.4	98
51	Comparative environmental impact assessment of herbicides used on genetically modified and non-genetically modified herbicide-tolerant canola crops using two risk indicators. Science of the Total Environment, 2016, 557-558, 754-763.	3.9	12
52	Pesticide Behavior, Fate, and Effects in the Tropics: An Overview of the Current State of Knowledge. Journal of Agricultural and Food Chemistry, 2016, 64, 3917-3924.	2.4	88
53	Field evaluation of two risk indicators for predicting likelihood of pesticide transport to surface water from two orchards. Science of the Total Environment, 2016, 571, 819-825.	3.9	7
54	Oxidation of ciprofloxacin and enrofloxacin by ferrate(VI): Products identification, and toxicity evaluation. Journal of Hazardous Materials, 2016, 320, 296-303.	6.5	75

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55	Groundwater scarcity impact on inclusiveness and women empowerment: Insights from school absenteeism of female students in two watersheds in India. <i>International Journal of Inclusive Education</i> , 2016, 20, 1155-1171.	1.5	18
56	Physical and chemical properties of biochars co-composted with biowastes and incubated with a chicken litter compost. <i>Chemosphere</i> , 2016, 142, 14-23.	4.2	86
57	Fullerol as a Potential Pathway for Mineralization of Fullerene Nanoparticles in Biosolid-Amended Soils. <i>Environmental Science and Technology Letters</i> , 2016, 3, 7-12.	3.9	19
58	Transport and retention of bacteria and viruses in biochar-amended sand. <i>Science of the Total Environment</i> , 2016, 548-549, 100-109.	3.9	72
59	Organomineral Interactions and Herbicide Sorption in Brazilian Tropical and Subtropical Oxisols under No-Tillage. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3925-3934.	2.4	17
60	Spatial Distribution of Perfluoroalkyl Substances in Surface Sediments of Five Major Rivers in China. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 566-576.	2.1	13
61	Integrated assessment of wastewater treatment plant effluent estrogenicity in the Upper Murray River, Australia, using the native Murray rainbowfish <i>Melanotaenia fluviatilis</i> . <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1078-1087.	2.2	10
62	Photolysis of the antidepressants amisulpride and desipramine in wastewaters: Identification of transformation products formed and their fate. <i>Science of the Total Environment</i> , 2015, 530-531, 434-444.	3.9	23
63	Sorption and plant uptake of pharmaceuticals from an artificially contaminated soil amended with biochars. <i>Plant and Soil</i> , 2015, 395, 75-86.	1.8	41
64	Uptake of Pharmaceuticals Influences Plant Development and Affects Nutrient and Hormone Homeostases. <i>Environmental Science &amp; Technology</i> , 2015, 49, 12509-12518.	4.6	92
65	The effects of organic matter-mineral interactions and organic matter chemistry on diuron sorption across a diverse range of soils. <i>Chemosphere</i> , 2015, 119, 99-104.	4.2	46
66	Determination of attenuation rates of recycled water disinfection by-products in a natural reservoir system using a laboratory-based approach. <i>Water and Environment Journal</i> , 2014, 28, 358-364.	1.0	4
67	The Role of Transdisciplinary Approach and Community Participation in Village Scale Groundwater Management: Insights from Gujarat and Rajasthan, India. <i>Water (Switzerland)</i> , 2014, 6, 3386-3408.	1.2	58
68	Opportunities and constraints for biochar technology in Australian agriculture: looking beyond carbon sequestration. <i>Soil Research</i> , 2014, 52, 739.	0.6	49
69	Sorption-desorption of indaziflam and its three metabolites in sandy soils. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 836-843.	0.7	6
70	Potential ecological footprints of active pharmaceutical ingredients: an examination of risk factors in low-, middle- and high-income countries. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130586.	1.8	123
71	Persistence of estrogenic activity in soils following land application of biosolids. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 26-28.	2.2	12
72	Biodegradation of Simazine and Diuron Herbicides under Aerobic and Anoxic Conditions Relevant to Managed Aquifer Recharge of Storm Water. <i>Clean - Soil, Air, Water</i> , 2014, 42, 745-752.	0.7	25

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73	Contrasting effects of two antimicrobial agents (triclosan and triclocarban) on biomineralisation of an organophosphate pesticide in soils. <i>Chemosphere</i> , 2014, 107, 360-365.	4.2	3
74	Coupled Sorption and Degradation Kinetics and Non-First Order Behavior. <i>ACS Symposium Series</i> , 2014, , 5-37.	0.5	4
75	Spatial Variability of Pesticide Sorption: Measurements and Integration to Pesticide Fate Models. <i>ACS Symposium Series</i> , 2014, , 255-274.	0.5	2
76	Sorption of Pesticides and its Dependence on Soil Properties: Chemometrics Approach for Estimating Sorption. <i>ACS Symposium Series</i> , 2014, , 221-240.	0.5	6
77	Remobilisation of silver and silver sulphide nanoparticles in soils. <i>Environmental Pollution</i> , 2014, 193, 102-110.	3.7	36
78	Influence of mineral characteristics on the retention of low molecular weight organic compounds: A batch sorption-desorption and ATR-FTIR study. <i>Journal of Colloid and Interface Science</i> , 2014, 432, 246-257.	5.0	70
79	Fate and Uptake of Pharmaceuticals in Soil-Plant Systems. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 816-825.	2.4	263
80	Nanopesticides: Guiding Principles for Regulatory Evaluation of Environmental Risks. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4227-4240.	2.4	308
81	Banded applications are highly effective in minimising herbicide migration from furrow-irrigated sugar cane. <i>Science of the Total Environment</i> , 2014, 466-467, 841-848.	3.9	24
82	Photodegradation of three benzotriazoles induced by four Fe(III)-carboxylate complexes in water under ultraviolet irradiation. <i>Environmental Chemistry</i> , 2013, 10, 135.	0.7	5
83	Characteristics of biochar and its application in remediation of contaminated soil. <i>Journal of Bioscience and Bioengineering</i> , 2013, 116, 653-659.	1.1	467
84	Bioconcentration of triclosan and methyl-triclosan in marine mussels ( <i>Mytilus galloprovincialis</i> ) under laboratory conditions and in metropolitan waters of Gulf St Vincent, South Australia. <i>Marine Pollution Bulletin</i> , 2013, 74, 66-72.	2.3	36
85	Comparison of degradation between indigenous and spiked bisphenol A and triclosan in a biosolids amended soil. <i>Science of the Total Environment</i> , 2013, 447, 56-63.	3.9	13
86	Pharmaceuticals and personal care products in the environment: Cultural and spiritual perspectives. <i>Integrated Environmental Assessment and Management</i> , 2013, 9, 164-166.	1.6	3
87	Sorption of pesticides by a mineral sand mining by-product, neutralised used acid (NUA). <i>Science of the Total Environment</i> , 2013, 442, 255-262.	3.9	11
88	Behaviour of fullerenes (C60) in the terrestrial environment: Potential release from biosolids-amended soils. <i>Journal of Hazardous Materials</i> , 2013, 262, 496-503.	6.5	27
89	Biodegradation of three selected benzotriazoles in aquifer materials under aerobic and anaerobic conditions. <i>Journal of Contaminant Hydrology</i> , 2013, 151, 131-139.	1.6	66
90	Using the power of C-13 NMR to interpret infrared spectra of soil organic matter: A two-dimensional correlation spectroscopy approach. <i>Vibrational Spectroscopy</i> , 2013, 66, 76-82.	1.2	14

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91	The use of multiple tracers for tracking wastewater discharges in freshwater systems. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 9321-9332.	1.3	19
92	Degradation of Six Selected Ultraviolet Filters in Aquifer Materials Under Various Redox Conditions. <i>Ground Water Monitoring and Remediation</i> , 2013, 33, 79-88.	0.6	23
93	The effect of irradiance and temperature on the role of photolysis in the removal of organic micropollutants under Antarctic conditions. <i>Environmental Chemistry</i> , 2013, 10, 417.	0.7	5
94	Dissipation of sulfamethoxazole and trimethoprim antibiotics from manure-amended soils. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2012, 47, 240-249.	0.7	27
95	Off-site transport of pesticides from two horticultural land uses in the Mt. Lofty Ranges, South Australia. <i>Agricultural Water Management</i> , 2012, 106, 60-69.	2.4	17
96	Nutrient and sediment concentrations in the Pagsanjan Lumban catchment of Laguna de Bay, Philippines. <i>Agricultural Water Management</i> , 2012, 106, 17-26.	2.4	8
97	The off-site transport of pesticide loads from two land uses in relation to hydrological events in the Mt. Lofty Ranges, South Australia. <i>Agricultural Water Management</i> , 2012, 106, 70-77.	2.4	17
98	Off-site transport of pesticides in dissolved and particulate forms from two land uses in the Mt. Lofty Ranges, South Australia. <i>Agricultural Water Management</i> , 2012, 106, 78-85.	2.4	19
99	Marked changes in herbicide sorption-desorption upon ageing of biochars in soil. <i>Journal of Hazardous Materials</i> , 2012, 231-232, 70-78.	6.5	200
100	The effect of terrain and management on the spatial variability of soil properties in an apple orchard. <i>Catena</i> , 2012, 93, 38-48.	2.2	68
101	Environmental issues associated with coal seam gas recovery: managing the fracking boom. <i>Environmental Chemistry</i> , 2012, 9, 425.	0.7	19
102	Field dissipation of 4-nonylphenol, 4-t-octylphenol, triclosan and bisphenol A following land application of biosolids. <i>Chemosphere</i> , 2012, 86, 1050-1058.	4.2	49
103	Occurrence and removal of benzotriazoles and ultraviolet filters in a municipal wastewater treatment plant. <i>Environmental Pollution</i> , 2012, 165, 225-232.	3.7	204
104	Spatial distribution of diuron sorption affinity as affected by soil, terrain and management practices in an intensively managed apple orchard. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 398-405.	6.5	9
105	Biodegradation of the ultraviolet filter benzophenone-3 under different redox conditions. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 289-295.	2.2	58
106	The distribution of triclosan and methyl-triclosan in marine sediments of Barker Inlet, South Australia. <i>Journal of Environmental Monitoring</i> , 2011, 13, 801.	2.1	39
107	Sorption of nano-C60 clusters in soil: hydrophilic or hydrophobic interactions?. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1190.	2.1	12
108	Photostability of the UV filter benzophenone-3 and its effect on the photodegradation of benzotriazole in water. <i>Environmental Chemistry</i> , 2011, 8, 581.	0.7	53

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109	Biodegradation of three selected benzotriazoles under aerobic and anaerobic conditions. <i>Water Research</i> , 2011, 45, 5005-5014.	5.3	141
110	Biochar Application to Soil. <i>Advances in Agronomy</i> , 2011, , 103-143.	2.4	450
111	Triclosan: its occurrence, fate and effects in the Australian environment. <i>Water Science and Technology</i> , 2011, 63, 598-604.	1.2	63
112	Photolysis of benzotriazole and formation of its polymerised photoproducts in aqueous solutions under UV irradiation. <i>Environmental Chemistry</i> , 2011, 8, 174.	0.7	31
113	Selected personal care products and endocrine disruptors in biosolids: An Australia-wide survey. <i>Science of the Total Environment</i> , 2011, 409, 1075-1081.	3.9	43
114	Poor efficacy of herbicides in biochar-amended soils as affected by their chemistry and mode of action. <i>Chemosphere</i> , 2011, 84, 1572-1577.	4.2	98
115	Degradation of 4-nonylphenol, 4-t-octylphenol, bisphenol A and triclosan following biosolids addition to soil under laboratory conditions. <i>Chemosphere</i> , 2011, 84, 1556-1562.	4.2	40
116	Simultaneous determination of benzotriazoles and ultraviolet filters in ground water, effluent and biosolid samples using gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011, 1218, 5328-5335.	1.8	131
117	Fate of indicator endocrine disrupting chemicals in sewage during treatment and polishing for non-potable reuse. <i>Water Science and Technology</i> , 2010, 62, 1416-1423.	1.2	8
118	Enhanced and irreversible sorption of pesticide pyrimethanil by soil amended with biochars. <i>Journal of Environmental Sciences</i> , 2010, 22, 615-620.	3.2	129
119	Isotopic exchangeability as a measure of the available fraction of the human pharmaceutical carbamazepine in river sediment. <i>Science of the Total Environment</i> , 2010, 408, 3689-3695.	3.9	14
120	Impact of climatic and soil conditions on environmental fate of atrazine used under plantation forestry in Australia. <i>Journal of Environmental Management</i> , 2010, 91, 2649-2656.	3.8	33
121	Quantitative determination of fullerene (C60) in soils by high performance liquid chromatography and accelerated solvent extraction technique. <i>Environmental Chemistry</i> , 2010, 7, 292.	0.7	24
122	Rapid multiresidue determination for currently used pesticides in agricultural drainage waters and soils using gas chromatography-mass spectrometry. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010, 45, 152-161.	0.7	64
123	Response and recovery of acetylcholinesterase activity in freshwater shrimp, <i>Paratya australiensis</i> (Decapoda: Atyidae) exposed to selected anti-cholinesterase insecticides. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1503-1510.	2.9	37
124	Faster degradation of herbicidally-active enantiomer of imidazolinones in soils. <i>Chemosphere</i> , 2010, 79, 1040-1045.	4.2	39
125	The role of biochar in modifying the environmental fate, bioavailability, and efficacy of pesticides in soils: a review. <i>Soil Research</i> , 2010, 48, 627.	0.6	237
126	Effects of thiobencarb in combinations with molinate and chlorpyrifos on selected soil microbial processes. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2009, 44, 226-234.	0.7	5

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127	Bioactivity of POPs and their effects in mosquitofish in Sydney Olympic Park, Australia. <i>Science of the Total Environment</i> , 2009, 407, 3721-3730.	3.9	16
128	Occurrence and implications of estrogens and xenoestrogens in sewage effluents and receiving waters from South East Queensland. <i>Science of the Total Environment</i> , 2009, 407, 5147-5155.	3.9	123
129	Improved extraction and clean-up of imidazolinone herbicides from soil solutions using different solid-phase sorbents. <i>Journal of Chromatography A</i> , 2009, 1216, 5092-5100.	1.8	25
130	Effect of triclosan on microbial activity in Australian soils. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 65-70.	2.2	72
131	Estimating the sorption of pharmaceuticals based on their pharmacological distribution. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2572-2579.	2.2	38
132	Contamination and screening level toxicity of sediments from remediated and unremediated wetlands near Sydney, Australia. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 2052-2060.	2.2	8
133	Direct Comparison between Visible Near- and Mid-Infrared Spectroscopy for Describing Diuron Sorption in Soils. <i>Environmental Science &amp; Technology</i> , 2009, 43, 4049-4055.	4.6	33
134	The effect of lipids on the sorption of diuron and phenanthrene in soils. <i>Chemosphere</i> , 2009, 74, 1062-1068.	4.2	19
135	Reduced plant uptake of pesticides with biochar additions to soil. <i>Chemosphere</i> , 2009, 76, 665-671.	4.2	332
136	The effect of solvent-conditioning on soil organic matter sorption affinity for diuron and phenanthrene. <i>Chemosphere</i> , 2009, 76, 1062-1066.	4.2	6
137	Effect of triclosan and triclocarban biocides on biodegradation of estrogens in soils. <i>Chemosphere</i> , 2009, 77, 1381-1386.	4.2	12
138	Localisation of estrogen responsive genes in the liver and testis of Murray rainbowfish <i>Melanotaenia fluviatilis</i> exposed to 17 $\beta$ -estradiol. <i>Molecular and Cellular Endocrinology</i> , 2009, 303, 57-66.	1.6	20
139	Occurrence and removal of pharmaceutically active compounds in sewage treatment plants with different technologies. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1498.	2.1	137
140	Organo-mineral interactions mask the true sorption potential of biochars in soils. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2009, 44, 214-219.	0.7	22
141	Distribution of inorganic and organic contaminants in sediments from Sydney Olympic Park and the surrounding Sydney metropolitan area. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1687.	2.1	10
142	Fate of estrogens and xenoestrogens in four sewage treatment plants with different technologies. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 87-94.	2.2	112
143	Decay of endocrine-disrupting chemicals in aerobic and anoxic groundwater. <i>Water Research</i> , 2008, 42, 1133-1141.	5.3	80
144	Clear effects of soil organic matter chemistry, as determined by NMR spectroscopy, on the sorption of diuron. <i>Chemosphere</i> , 2008, 70, 1153-1160.	4.2	68

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145	Separating the effects of organic matterâ€™mineral interactions and organic matter chemistry on the sorption of diuron and phenanthrene. <i>Chemosphere</i> , 2008, 72, 886-890.	4.2	48
146	Effect of Wastewater Treatment Plant Effluent on Microbial Function and Community Structure in the Sediment of a Freshwater Stream with Variable Seasonal Flow. <i>Applied and Environmental Microbiology</i> , 2008, 74, 2659-2668.	1.4	190
147	Midinfrared Spectroscopy and Chemometrics to Predict Diuron Sorption Coefficients in Soils. <i>Environmental Science &amp; Technology</i> , 2008, 42, 3283-3288.	4.6	26
148	Prediction of Atrazine Sorption Coefficients in Soils Using Mid-Infrared Spectroscopy and Partial Least-Squares Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 3208-3213.	2.4	20
149	Abiotic degradation (photodegradation and hydrolysis) of imidazolinone herbicides. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008, 43, 105-112.	0.7	30
150	Triclosan in wastewaters and biosolids from Australian wastewater treatment plants. <i>Environment International</i> , 2007, 33, 199-205.	4.8	288
151	Biological degradation of triclocarban and triclosan in a soil under aerobic and anaerobic conditions and comparison with environmental fate modelling. <i>Environmental Pollution</i> , 2007, 150, 300-305.	3.7	312
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