

Ravi Naidu

List of PR Articles by Year in descending order

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257

PR articles

18,324

PR citations

7091

68

PR h-index

8508

131

g-index

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22044

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6815

75

h-index

21650

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Porous Silica Nanocarriers: Advances in Structural Orientation and Modification to Develop Sustainable Pesticide Delivery Systems. <i>ACS Agricultural Science and Technology</i> , 2024, 4, 144-172.	3.0	10
2	Advancing Soil Health: Challenges and Opportunities in Integrating Digital Imaging, Spectroscopy, and Machine Learning for Bioindicator Analysis. <i>Analytical Chemistry</i> , 2024, 96, 8109-8123.	6.5	7
3	CO ₂ Capture Using Zeolite Synthesized from Coal Fly Ash and Its Subsequent Utilization for Fire Retardation and Dye Removal. , 2024, 1, 799-809.		3
4	How to Identify and Quantify Microplastics and Nanoplastics Using Raman Imaging?. <i>Analytical Chemistry</i> , 2024, 96, 7323-7331.	6.5	8
5	Dynamic Column Studies of Multicomponent PFAS Sequestration Facilitated by Four Contrasting Injectable Adsorbent Suspensions and Associated PFAS Release in Simulated Groundwater. <i>ACS ES&T Water</i> , 2024, 4, 2667-2678.	4.3	1
6	Understanding Iron Impurities in Australian Kaolin and Their Effect on Acid and Heat Activation Processes of Clay. <i>ACS Omega</i> , 2023, 8, 5533-5544.	4.3	25
7	Effects of source materials on desorption kinetics of carcinogenic PAHs from contaminated soils. <i>Chemosphere</i> , 2023, 335, 139095.	8.3	3
8	Investigating Microplastics and Nanoplastics Released from a Rubber Band Used for Orthodontic Treatment with Improved Raman Imaging Algorithms. , 2023, 1, 63-71.		13
9	Evaluating the role of preferential pathways in exacerbating vapour intrusion risks. <i>Journal of Hazardous Materials Advances</i> , 2023, 10, 100310.	4.8	2
10	Investigation of herbicide sorption-desorption using pristine and organoclays to explore the potential carriers for controlled release formulation. <i>Chemosphere</i> , 2023, 337, 139335.	8.3	9
11	Multicomponent PFAS sorption and desorption in common commercial adsorbents: Kinetics, isotherm, adsorbent dose, pH, and index ion and ionic strength effects. <i>Science of the Total Environment</i> , 2023, 904, 166568.	8.4	73
12	Toward In Situ Sequestration of Multicomponent PFAS Using Injectable Adsorbent Suspensions. <i>ACS ES&T Water</i> , 2023, 3, 3858-3873.	4.3	9
13	Beryllium in contaminated soils: Implication of beryllium bioaccessibility by different exposure pathways. <i>Journal of Hazardous Materials</i> , 2022, 421, 126757.	12.5	34
14	Identification and visualisation of microplastics via PCA to decode Raman spectrum matrix towards imaging. <i>Chemosphere</i> , 2022, 286, 131736.	8.3	74
15	Applying Raman imaging to capture and identify microplastics and nanoplastics in the garden. <i>Journal of Hazardous Materials</i> , 2022, 426, 127788.	12.5	26
16	Influences of soil pH, iron application and rice variety on cadmium distribution in rice plant tissues. <i>Science of the Total Environment</i> , 2022, 810, 152296.	8.4	49
17	Dual-Principal Component Analysis of the Raman Spectrum Matrix to Automatically Identify and Visualize Microplastics and Nanoplastics. <i>Analytical Chemistry</i> , 2022, 94, 3150-3157.	6.5	66
18	Global Exposure to Per- and Polyfluoroalkyl Substances and Associated Burden of Low Birthweight. <i>Environmental Science & Technology</i> , 2022, 56, 4282-4294.	11.1	48

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19	Magnetite Nanoparticles Loaded into Halloysite Nanotubes for Arsenic(V) Removal from Water. ACS Applied Nano Materials, 2022, 5, 12063-12076.	5.3	25
20	Magnetic responsive mesoporous alginate/β ² -cyclodextrin polymer beads enhance selectivity and adsorption of heavy metal ions. International Journal of Biological Macromolecules, 2022, 207, 826-840.	8.2	102
21	Capability of Organically Modified Montmorillonite Nanoclay as a Carrier for Imidacloprid Delivery. ACS Agricultural Science and Technology, 2022, 2, 57-68.	3.0	24
22	Role of beryllium in the environment: Insights from specific sorption and precipitation studies under different conditions. Science of the Total Environment, 2022, 838, 155698.	8.4	19
23	Smectite-supported chain of iron nanoparticle beads for efficient clean-up of arsenate contaminated water. Journal of Hazardous Materials, 2021, 407, 124396.	12.5	16
24	The influence of long-term ageing on arsenic ecotoxicity in soil. Journal of Hazardous Materials, 2021, 407, 124819.	12.5	21
25	The influence of soil properties on sorption-desorption of beryllium at a low level radioactive legacy waste site. Chemosphere, 2021, 268, 129338.	8.3	17
26	Sorption of PFOS in 114 Well-Characterized Tropical and Temperate Soils: Application of Multivariate and Artificial Neural Network Analyses. Environmental Science & Technology, 2021, 55, 1779-1789.	11.1	60
27	Identification and visualisation of microplastics / nanoplastics by Raman imaging (iii): algorithm to cross-check multi-images. Water Research, 2021, 194, 116913.	12.5	78
28	Synthesis of environmentally benign ultra-small copper nanoclusters-halloysite composites and their catalytic performance on contrasting azo dyes. Applied Surface Science, 2021, 546, 149122.	6.7	39
29	Mesoporous Biopolymer Architecture Enhanced the Adsorption and Selectivity of Aqueous Heavy-Metal Ions. ACS Omega, 2021, 6, 15316-15331.	4.3	63
30	Metagenomics analysis identifies nitrogen metabolic pathway in bioremediation of diesel contaminated soil. Chemosphere, 2021, 271, 129566.	8.3	63
31	Extracellular Polymeric Substances Drive Symbiotic Interactions in Bacterial-Microalgal Consortia. Microbial Ecology, 2021, 83, 596-607.	3.4	47
32	Minimizing hazardous impact of food waste in a circular economy – Advances in resource recovery through green strategies. Journal of Hazardous Materials, 2021, 416, 126154.	12.5	89
33	Electrokinetic remediation of petroleum hydrocarbon contaminated soil (I). Environmental Technology and Innovation, 2021, 23, 101585.	6.7	25
34	Impact of Nitrate and Ammonium Concentrations on Co-Culturing of Tetrademus obliquus IS2 with Variovorax paradoxus IS1 as Revealed by Phenotypic Responses. Microbial Ecology, 2021, 83, 951-959.	3.4	8
35	Medium composition affects the heavy metal tolerance of microalgae: a comparison. Journal of Applied Phycology, 2021, 33, 3683-3695.	2.7	10
36	Varietal variation and formation of iron plaques on cadmium accumulation in rice seedling. Environmental Advances, 2021, 5, 100075.	5.8	20

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37	Chemical pollution: A growing peril and potential catastrophic risk to humanity. <i>Environment International</i> , 2021, 156, 106616.	10.3	517
38	Response of phosphorus sensitive plants to arsenate. <i>Environmental Technology and Innovation</i> , 2021, 24, 102008.	6.7	6
39	Highly Stable and Nontoxic Lanthanum-Treated Activated Palygorskite for the Removal of Lake Water Phosphorus. <i>Processes</i> , 2021, 9, 1960.	2.6	3
40	Desorption and Migration Behavior of Beryllium from Contaminated Soils: Insights for Risk-Based Management. <i>ACS Omega</i> , 2021, 6, 30686-30697.	4.3	13
41	Bioaccumulation and Tolerance Indices of Cadmium in Wheat Plants Grown in Cadmium-Spiked Soil: Health Risk Assessment. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	9
42	Critical review of magnetic biosorbents: Their preparation, application, and regeneration for wastewater treatment. <i>Science of the Total Environment</i> , 2020, 702, 134893.	8.4	190
43	Hollow Porous Silica Nanosphere with Single Large Pore Opening for Pesticide Loading and Delivery. <i>ACS Applied Nano Materials</i> , 2020, 3, 105-113.	5.3	43
44	Influences of feedstock sources and pyrolysis temperature on the properties of biochar and functionality as adsorbents: A meta-analysis. <i>Science of the Total Environment</i> , 2020, 744, 140714.	8.4	510
45	Cadmium Immobilization in the Rhizosphere and Plant Cellular Detoxification: Role of Plant-Growth-Promoting Rhizobacteria as a Sustainable Solution. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 13497-13529.	6.0	89
46	Identification and visualisation of microplastics/ nanoplastics by Raman imaging (ii): Smaller than the diffraction limit of laser?. <i>Water Research</i> , 2020, 183, 116046.	12.5	103
47	Identification and visualisation of microplastics/nanoplastics by Raman imaging (i): Down to 100Ånm. <i>Water Research</i> , 2020, 174, 115658.	12.5	266
48	Bioaccumulation of benzo[a]pyrene nonextractable residues in soil by <i>Eisenia fetida</i> and associated background-level sublethal genotoxicity (DNA single-strand breaks). <i>Science of the Total Environment</i> , 2019, 691, 605-610.	8.4	15
49	Biocompatible functionalisation of nanoclays for improved environmental remediation. <i>Chemical Society Reviews</i> , 2019, 48, 3740-3770.	37.8	155
50	Identification and visualisation of microplastics by Raman mapping. <i>Analytica Chimica Acta</i> , 2019, 1077, 191-199.	5.8	222
51	The potential of mercury resistant purple nonsulfur bacteria as effective biosorbents to remove mercury from contaminated areas. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 93-103.	3.6	26
52	Extremely small amounts of B[a]P residues remobilised in long-term contaminated soils: A strong case for greater focus on readily available and not total-extractable fractions in risk assessment. <i>Journal of Hazardous Materials</i> , 2019, 368, 72-80.	12.5	15
53	The source of lead determines the relationship between soil properties and lead bioaccessibility. <i>Environmental Pollution</i> , 2019, 246, 53-59.	7.8	44
54	Removal of PFAS from aqueous solution using PbO ₂ from lead-acid battery. <i>Chemosphere</i> , 2019, 219, 36-44.	8.3	53

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55	Biodegradation of high-molecular weight PAHs by <i>Rhodococcus wratislaviensis</i> strain 9: Overexpression of amidohydrolase induced by pyrene and BaP. <i>Science of the Total Environment</i> , 2019, 651, 813-821.	8.4	113
56	Metabolomics reveals defensive mechanisms adapted by maize on exposure to high molecular weight polycyclic aromatic hydrocarbons. <i>Chemosphere</i> , 2019, 214, 771-780.	8.3	35
57	Impact of water and fertilizer management on arsenic bioaccumulation and speciation in rice plants grown under greenhouse conditions. <i>Chemosphere</i> , 2019, 214, 606-613.	8.3	40
58	Microbe and plant assisted-remediation of organic xenobiotics and its enhancement by genetically modified organisms and recombinant technology: A review. <i>Science of the Total Environment</i> , 2018, 628-629, 1582-1599.	8.4	189
59	Contamination, Fate and Management of Metals in Shooting Range Soils—a Review. <i>Current Pollution Reports</i> , 2018, 4, 175-187.	7.6	48
60	The evaluation of arsenic contamination potential, speciation and hydrogeochemical behaviour in aquifers of Punjab, Pakistan. <i>Chemosphere</i> , 2018, 199, 737-746.	8.3	136
61	Effect of surface-tailored biocompatible organoclay on the bioavailability and mineralization of polycyclic aromatic hydrocarbons in long-term contaminated soil. <i>Environmental Technology and Innovation</i> , 2018, 10, 152-161.	6.7	10
62	<i>Rhodococcus wratislaviensis</i> strain 9: An efficient p -nitrophenol degrader with a great potential for bioremediation. <i>Journal of Hazardous Materials</i> , 2018, 347, 176-183.	12.5	67
63	Comparative values of various wastewater streams as a soil nutrient source. <i>Chemosphere</i> , 2018, 192, 272-281.	8.3	32
64	Abiotic factors controlling bioavailability and bioaccessibility of polycyclic aromatic hydrocarbons in soil: Putting together a bigger picture. <i>Science of the Total Environment</i> , 2018, 613-614, 1140-1153.	8.4	83
65	Recent advances in surfactant-enhanced In-Situ Chemical Oxidation for the remediation of non-aqueous phase liquid contaminated soils and aquifers. <i>Environmental Technology and Innovation</i> , 2018, 9, 303-322.	6.7	118
66	Soil properties influence kinetics of soil acid phosphatase in response to arsenic toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2018, 147, 266-274.	6.2	55
67	In situ fabrication of green reduced graphene-based biocompatible anode for efficient energy recycle. <i>Chemosphere</i> , 2018, 193, 618-624.	8.3	40
68	Waste mineral powder supplies plant available potassium: Evaluation of chemical and biological interventions. <i>Journal of Geochemical Exploration</i> , 2018, 186, 114-120.	3.3	25
69	Impact of plant photosystems in the remediation of benzo[a]pyrene and pyrene spiked soils. <i>Chemosphere</i> , 2018, 193, 625-634.	8.3	59
70	Enhanced Recovery of Nonextractable Benzo[a]pyrene Residues in Contrasting Soils Using Exhaustive Methanolic and Nonmethanolic Alkaline Treatments. <i>Analytical Chemistry</i> , 2018, 90, 13104-13111.	6.5	12
71	Hydrogeo-morphological influences for arsenic release and fate in the central Gangetic Basin, India. <i>Environmental Technology and Innovation</i> , 2018, 12, 243-260.	6.7	23
72	Core-Shell Interface-Oriented Synthesis of Bowl-Structured Hollow Silica Nanospheres Using Self-Assembled ABC Triblock Copolymeric Micelles. <i>Langmuir</i> , 2018, 34, 13584-13596.	3.6	10

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73	Time-Dependent Remobilization of Nonextractable Benzo[a]pyrene Residues in Contrasting Soils: Effects of Aging, Spiked Concentration, and Soil Properties. <i>Environmental Science & Technology</i> , 2018, 52, 12295-12305.	11.1	36
74	Use of Routine Soil Tests to Estimate Pb Bioaccessibility. <i>Environmental Science & Technology</i> , 2018, 52, 12556-12562.	11.1	11
75	Reduction in arsenic toxicity and uptake in rice (<i>Oryza sativa</i> L.) by As-resistant purple nonsulfur bacteria. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36530-36544.	4.4	57
76	Using Qmsax* to evaluate the reasonable As(V) adsorption on soils with different pH. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 308-315.	6.2	9
77	Novel <i>Bacillus cereus</i> strain from electrokinetically remediated saline soil towards the remediation of crude oil. <i>Environmental Science and Pollution Research</i> , 2018, 25, 26351-26360.	4.4	7
78	Comparison of Single- and Sequential-Solvent Extractions of Total Extractable Benzo[a]pyrene Fractions in Contrasting Soils. <i>Analytical Chemistry</i> , 2018, 90, 11703-11709.	6.5	18
79	Green mango peel-nanozerovalent iron activated persulfate oxidation of petroleum hydrocarbons in oil sludge contaminated soil. <i>Environmental Technology and Innovation</i> , 2018, 11, 142-152.	6.7	47
80	Pyrogenic carbon in Australian soils. <i>Science of the Total Environment</i> , 2017, 586, 849-857.	8.4	19
81	Integrated electrochemical treatment systems for facilitating the bioremediation of oil spill contaminated soil. <i>Chemosphere</i> , 2017, 175, 294-299.	8.3	30
82	Pyrene degradation by <i>Chlorella</i> sp. MM3 in liquid medium and soil slurry: Possible role of dihydrolipoamide acetyltransferase in pyrene biodegradation. <i>Algal Research</i> , 2017, 23, 223-232.	4.5	53
83	Toxicity of diesel water accommodated fraction toward microalgae, <i>Pseudokirchneriella subcapitata</i> and <i>Chlorella</i> sp. MM3. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 538-543.	6.2	39
84	Toxicity of Inorganic Mercury to Native Australian Grass Grown in Three Different Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017, 98, 850-855.	2.1	11
85	Measurement of soil lead bioavailability and influence of soil types and properties: A review. <i>Chemosphere</i> , 2017, 184, 27-42.	8.3	71
86	Ecotoxicity of measured concentrations of soil-applied diesel: Effects on earthworm survival, dehydrogenase, urease and nitrification activities. <i>Applied Soil Ecology</i> , 2017, 119, 1-7.	5.4	34
87	Sorption, kinetics and thermodynamics of phosphate sorption onto soybean stover derived biochar. <i>Environmental Technology and Innovation</i> , 2017, 8, 113-125.	6.7	71
88	Mercury toxicity to terrestrial biota. <i>Ecological Indicators</i> , 2017, 74, 451-462.	7.3	108
89	Zinc-arsenic interactions in soil: Solubility, toxicity and uptake. <i>Chemosphere</i> , 2017, 187, 357-367.	8.3	33
90	Nutrient Budgeting as an Approach to Assess and Manage the Impacts of Long-Term Irrigation Using Abattoir Wastewater. <i>Water, Air, and Soil Pollution</i> , 2017, 228, .	2.9	3

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91	Synthesis of porous bentonite organoclay granule and its adsorption of tributyltin. Applied Clay Science, 2017, 148, 131-137.	5.6	14
92	Heteroatom functionalized activated porous biocarbons and their excellent performance for CO ₂ capture at high pressure. Journal of Materials Chemistry A, 2017, 5, 21196-21204.	9.3	120
93	Enhanced removal of nitrate in an integrated electrochemical-adsorption system. Separation and Purification Technology, 2017, 189, 260-266.	8.8	50
94	Thermal stability of biochar and its effects on cadmium sorption capacity. Bioresource Technology, 2017, 246, 48-56.	9.7	89
95	Bacterial mineralization of phenanthrene on thermally activated palygorskite: A ¹⁴ C radiotracer study. Science of the Total Environment, 2017, 579, 709-717.	8.4	14
96	Remediation approaches for polycyclic aromatic hydrocarbons (PAHs) contaminated soils: Technological constraints, emerging trends and future directions. Chemosphere, 2017, 168, 944-968.	8.3	718
97	Mercury remediation potential of a mercury resistant strain <i>Sphingopyxis</i> sp. SE2 isolated from contaminated soil. Journal of Environmental Sciences, 2017, 51, 128-137.	6.9	43
98	Development of a modular vapor intrusion model with variably saturated and non-isothermal vadose zone. Environmental Geochemistry and Health, 2017, 40, 887-902.	3.5	13
99	Recent developments in biochar as an effective tool for agricultural soil management: a review. Journal of the Science of Food and Agriculture, 2016, 96, 4840-4849.	3.8	165
100	Toxicity and bioaccumulation of iron in soil microalgae. Journal of Applied Phycology, 2016, 28, 2767-2776.	2.7	41
101	Effects of thermal treatments on the characterisation and utilisation of red mud with sawdust additive. Waste Management and Research, 2016, 34, 518-526.	4.3	15
102	Screening of metal uptake by plant colonizers growing on abandoned copper mine in Kapunda, South Australia. International Journal of Phytoremediation, 2016, 18, 399-405.	3.5	39
103	Decontamination of chlorine gas by organic amine modified copper-exchanged zeolite. Microporous and Mesoporous Materials, 2016, 225, 450-455.	4.7	18
104	Cultivation of <i>Chlorella</i> on brewery wastewater and nano-particle biosynthesis by its biomass. Bioresource Technology, 2016, 211, 698-703.	9.7	78
105	Isolation and characterization of polycyclic aromatic hydrocarbons (PAHs) degrading, pH tolerant, N-fixing and P-solubilizing novel bacteria from manufactured gas plant (MGP) site soils. Environmental Technology and Innovation, 2016, 6, 204-219.	6.7	38
106	Emerging contaminant uncertainties and policy: The chicken or the egg conundrum. Chemosphere, 2016, 154, 385-390.	8.3	50
107	A meta-analysis to correlate lead bioavailability and bioaccessibility and predict lead bioavailability. Environment International, 2016, 92-93, 139-145.	10.3	25
108	Characterization of bimetallic Fe/Pd nanoparticles by grape leaf aqueous extract and identification of active biomolecules involved in the synthesis. Science of the Total Environment, 2016, 562, 526-532.	8.4	45

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109	Cation doped hydroxyapatite nanoparticles enhance strontium adsorption from aqueous system: A comparative study with and without calcination. <i>Applied Clay Science</i> , 2016, 134, 136-144.	5.6	32
110	Designing advanced biochar products for maximizing greenhouse gas mitigation potential. <i>Critical Reviews in Environmental Science and Technology</i> , 2016, 46, 1367-1401.	13.3	103
111	Assessment of nitrogen losses through nitrous oxide from abattoir wastewater-irrigated soils. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22633-22646.	4.4	8
112	Abattoir Wastewater Irrigation Increases the Availability of Nutrients and Influences on Plant Growth and Development. <i>Water, Air, and Soil Pollution</i> , 2016, 227, .	2.9	36
113	Removal of mixed contaminants Cr(VI) and Cu(II) by green synthesized iron based nanoparticles. <i>Ecological Engineering</i> , 2016, 97, 32-39.	4.1	131
114	Predicting plant uptake of cadmium: validated with long-term contaminated soils. <i>Ecotoxicology</i> , 2016, 25, 1563-1574.	2.6	26
115	Toxicity of perfluorooctanoic acid towards earthworm and enzymatic activities in soil. <i>Environmental Monitoring and Assessment</i> , 2016, 188, .	3.0	46
116	Characterization of bentonite modified with humic acid for the removal of Cu (II) and 2,4-dichlorophenol from aqueous solution. <i>Applied Clay Science</i> , 2016, 134, 89-94.	5.6	36
117	Bioaccessibility of barium from barite contaminated soils based on gastric phase in vitro data and plant uptake. <i>Chemosphere</i> , 2016, 144, 1421-1427.	8.3	25
118	Pore-Water Carbonate and Phosphate As Predictors of Arsenate Toxicity in Soil. <i>Environmental Science & Technology</i> , 2016, 50, 13062-13069.	11.1	20
119	Comparison of oral bioavailability of benzo[a]pyrene in soils using rat and swine and the implications for human health risk assessment. <i>Environment International</i> , 2016, 94, 95-102.	10.3	24
120	Phycoremediation of dairy and winery wastewater using <i>Diplosphaera</i> sp. MM1. <i>Journal of Applied Phycology</i> , 2016, 28, 3331-3341.	2.7	41
121	Sensitivity and Antioxidant Response of <i>Chlorella</i> sp. MM3 to Used Engine Oil and Its Water Accommodated Fraction. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 71-77.	2.1	16
122	Metal bioavailability to <i>Eisenia fetida</i> through copper mine dwelling animal and plant litter, a new challenge on contaminated environment remediation. <i>International Biodeterioration and Biodegradation</i> , 2016, 113, 208-216.	4.1	30
123	Assessment of antioxidant activity, minerals, phenols and flavonoid contents of common plant/tree waste extracts. <i>Industrial Crops and Products</i> , 2016, 83, 630-634.	5.9	27
124	Influence of soil properties on vapor-phase sorption of trichloroethylene. <i>Journal of Hazardous Materials</i> , 2016, 306, 34-40.	12.5	19
125	Potential of <i>Melaleuca diosmifolia</i> as a novel, non-conventional and low-cost coagulating adsorbent for removing both cationic and anionic dyes. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 37, 198-207.	5.8	32
126	The Biodiversity Changes in the Microbial Population of Soils Contaminated with Crude Oil. <i>Current Microbiology</i> , 2016, 72, 663-670.	2.4	68

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127	Competitive sorption of cadmium and zinc in contrasting soils. <i>Geoderma</i> , 2016, 268, 60-68.	6.4	62
128	Potential of <i>Melaleuca diosmifolia</i> leaf as a low-cost adsorbent for hexavalent chromium removal from contaminated water bodies. <i>Chemical Engineering Research and Design</i> , 2016, 100, 173-182.	6.3	79
129	Sorption parameters as a predictor of arsenic phytotoxicity in Australian soils. <i>Geoderma</i> , 2016, 265, 103-110.	6.4	37
130	Effect of zero valent iron nanoparticles to <i>Eisenia fetida</i> in three soil types. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9822-9831.	4.4	31
131	Bioaccessibility of arsenic and cadmium assessed for in vitro bioaccessibility in spiked soils and their interaction during the Unified BARGE Method (UBM) extraction. <i>Chemosphere</i> , 2016, 147, 444-450.	8.3	44
132	Identification of a new operon involved in desulfurization of dibenzothiophenes using a metagenomic study and cloning and functional analysis of the genes. <i>Enzyme and Microbial Technology</i> , 2016, 87-88, 24-28.	3.6	14
133	Copper-complexed clay/poly-acrylic acid composites: Extremely efficient adsorbents of ammonia gas. <i>Applied Clay Science</i> , 2016, 121-122, 154-161.	5.6	23
134	Nanoencapsulation, Nano-guard for Pesticides: A New Window for Safe Application. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 1447-1483.	6.0	883
135	Agronomic and remedial benefits and risks of applying biochar to soil: Current knowledge and future research directions. <i>Environment International</i> , 2016, 87, 1-12.	10.3	357
136	Environmental application and ecological significance of nano-zero valent iron. <i>Journal of Environmental Sciences</i> , 2016, 44, 88-98.	6.9	105
137	Phytoextraction of heavy metal from tailing waste using Napier grass. <i>Catena</i> , 2016, 136, 74-83.	5.8	39
138	Multiwalled carbon nanotubes increase the microbial community in crude oil contaminated fresh water sediments. <i>Science of the Total Environment</i> , 2016, 539, 370-380.	8.4	42
139	Arsenic and other elements in drinking water and dietary components from the middle Gangetic plain of Bihar, India: Health risk index. <i>Science of the Total Environment</i> , 2016, 539, 125-134.	8.4	196
140	Biochar-induced concomitant decrease in ammonia volatilization and increase in nitrogen use efficiency by wheat. <i>Chemosphere</i> , 2016, 142, 120-127.	8.3	274
141	Heavy metal-immobilizing organoclay facilitates polycyclic aromatic hydrocarbon biodegradation in mixed-contaminated soil. <i>Journal of Hazardous Materials</i> , 2015, 298, 129-137.	12.5	82
142	Structural evolution of chitosan-palygorskite composites and removal of aqueous lead by composite beads. <i>Applied Surface Science</i> , 2015, 353, 363-375.	6.7	97
143	Bioremediation potential of natural polyphenol rich green wastes: A review of current research and recommendations for future directions. <i>Environmental Technology and Innovation</i> , 2015, 4, 17-28.	6.7	91
144	Distribution of Mercury in Shrimp Ponds and Volatilization of Hg by Isolated Resistant Purple Nonsulfur Bacteria. <i>Water, Air, and Soil Pollution</i> , 2015, 226, .	2.9	18

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145	Composition, source identification and ecological risk assessment of polycyclic aromatic hydrocarbons in surface sediments of the Subei Grand Canal, China. <i>Environmental Earth Sciences</i> , 2015, 74, 2669-2677.	2.6	15
146	The integration of sequencing and bioinformatics in metagenomics. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 357-383.	10.3	16
147	Uncertainties in human health risk assessment of environmental contaminants: A review and perspective. <i>Environment International</i> , 2015, 85, 120-132.	10.3	134
148	Bioremediation of PAHs and VOCs: Advances in clay mineral-microbial interaction. <i>Environment International</i> , 2015, 85, 168-181.	10.3	130
149	Risk based land management requires focus beyond the target contaminants-A case study involving weathered hydrocarbon contaminated soils. <i>Environmental Technology and Innovation</i> , 2015, 4, 98-109.	6.7	33
150	Reactivity of iron-based nanoparticles by green synthesis under various atmospheres and their removal mechanism of methylene blue. <i>RSC Advances</i> , 2015, 5, 70874-70882.	4.4	29
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