

Removal of emerging contaminants from the environm

Ecotoxicology and Environmental Safety

150, 1-17

DOI: [10.1016/j.ecoenv.2017.12.026](https://doi.org/10.1016/j.ecoenv.2017.12.026)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Equilibrium and kinetic studies of the adsorption of antibiotics from aqueous solutions onto powdered zeolites. <i>Chemosphere</i> , 2018, 205, 137-146.	4.2	130
2	Adsorption of Pharmaceuticals from Water and Wastewater Using Nonconventional Low-Cost Materials: A Review. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 3103-3127.	1.8	325
3	Adsorption mechanism of emerging and conventional phenolic compounds on graphene oxide nanoflakes in water. <i>Science of the Total Environment</i> , 2018, 635, 629-638.	3.9	94
4	Removal of priority and emerging pollutants from aqueous media by adsorption onto synthetic organo-functionalized high-charge swelling micas. <i>Environmental Research</i> , 2018, 164, 488-494.	3.7	56
5	Adsorptive removal of wide range of pharmaceutical and personal care products from water by using metal azolate framework-6-derived porous carbon. <i>Chemical Engineering Journal</i> , 2018, 343, 447-454.	6.6	134
6	Physicochemical Properties of Activated Carbon: Their Effect on the Adsorption of Pharmaceutical Compounds and Adsorbate-Adsorbent Interactions. <i>Journal of Carbon Research</i> , 2018, 4, 62.	1.4	55
7	Intercalation of Zn/Al layered double hydroxides with Keggin ion as adsorbent of cadmium(II). <i>AIP Conference Proceedings</i> , 2018, , .	0.3	4
8	Conventional and Advanced Processes for the Removal of Pharmaceuticals and Their Human Metabolites from Wastewater. <i>ACS Symposium Series</i> , 2018, , 15-67.	0.5	4
9	Facile synthesis of Fe ₃ O ₄ @MOF-100(Fe) magnetic microspheres for the adsorption of diclofenac sodium in aqueous solution. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31705-31717.	2.7	53
10	Comparison of the reduction of chemical oxygen demand in wastewater from mineral processing using the coagulation-flocculation, adsorption and Fenton processes. <i>Minerals Engineering</i> , 2018, 128, 275-283.	1.8	51
11	Adsorption Separation of Analgesic Pharmaceuticals from Ultrapure and Waste Water: Batch Studies Using a Polymeric Resin and an Activated Carbon. <i>Polymers</i> , 2018, 10, 958.	2.0	26
12	Visible-light-driven photocatalytic removal of acetaminophen from water using a novel MWCNT-TiO ₂ -SiO ₂ photocatalysts. <i>Separation and Purification Technology</i> , 2018, 206, 343-355.	3.9	49
13	Record-high adsorption capacities of polyaniline-derived porous carbons for the removal of personal care products from water. <i>Chemical Engineering Journal</i> , 2018, 352, 71-78.	6.6	41
14	Production of porous activated carbons from <i>Caesalpinia ferrea</i> seed pod wastes: Highly efficient removal of captopril from aqueous solutions. <i>Journal of Cleaner Production</i> , 2018, 197, 919-929.	4.6	122
15	An overview of functionalised carbon nanomaterial for organic pollutant removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 67, 175-186.	2.9	104
16	Removal of lead (II) from wastewater using active carbon of <i>Caryota urens</i> seeds and its embedded calcium alginate beads as adsorbents. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 4298-4309.	3.3	57
17	Development of CO ₂ activated biochar from solid wastes of a beer industry and its application for methylene blue adsorption. <i>Waste Management</i> , 2018, 78, 630-638.	3.7	131
18	Polyaniline-derived porous carbons: Remarkable adsorbent for removal of various hazardous organics from both aqueous and non-aqueous media. <i>Journal of Hazardous Materials</i> , 2018, 360, 163-171.	6.5	49

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19	Removal of Patent Blue (V) Dye Using Indian Bael Shell Biochar: Characterization, Application and Kinetic Studies. <i>Sustainability</i> , 2018, 10, 2669.	1.6	38
20	Kinetics and Adsorption Equilibrium of Linear Alkyl benzene Sulfonate in Aqueous Solution Using Corn Residues in Batch System. <i>Indian Journal of Science and Technology</i> , 2018, 11, 1-10.	0.5	2
21	Preparation of CTAB-functionalized aqai stalk and its efficient application as adsorbent for the removal of Direct Blue 15 and Direct Red 23 dyes from aqueous media. <i>Chemical Engineering Communications</i> , 2018, 205, 1520-1536.	1.5	42
22	Effect of magnetic ion exchange (MIEX®) on removal of emerging organic contaminants. <i>Chemosphere</i> , 2018, 208, 433-440.	4.2	28
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26	A D-type adsorption kinetic model for single system based on irreversible thermodynamics. <i>Adsorption</i> , 2019, 25, 1525-1532.	1.4	0
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28	Removal of selected pharmaceuticals from aqueous matrices with activated carbon under flow conditions. <i>Microchemical Journal</i> , 2019, 150, 104079.	2.3	6
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36	Insights into the isotherm and kinetic models for the coadsorption of pharmaceuticals in the absence and presence of metal ions: A review. <i>Journal of Environmental Management</i> , 2019, 252, 109617.	3.8	43

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38	Emerging pollutantsâ€™ Part II: Treatment. <i>Water Environment Research</i> , 2019, 91, 1390-1401.	1.3	20
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46	Adsorption of Polycyclic Aromatic Hydrocarbons using Low-Cost Activated Carbon Derived from Rice Husk. <i>Journal of Physics: Conference Series</i> , 2019, 1338, 012005.	0.3	9
47	Kinetics and thermodynamics of adsorption of Cu ²⁺ and methylene blue to casein hydrogels. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	15
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57	Synthesis and photocatalytic activity of cubic cuprous oxide supported on activated carbon fibers. Chemical Physics Letters, 2019, 718, 54-62.	1.2	10
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79	Removal of amoxicillin from simulated hospital effluents by adsorption using activated carbons prepared from capsules of cashew of Para. <i>Environmental Science and Pollution Research</i> , 2019, 26, 16396-16408.	2.7	57
80	Comparative adsorption of emerging contaminants in water by functional designed magnetic poly(N-isopropylacrylamide)/chitosan hydrogels. <i>Science of the Total Environment</i> , 2019, 671, 377-387.	3.9	41
81	Structural control of silica aerogel fibers for methylene blue removal. <i>Science China Technological Sciences</i> , 2019, 62, 958-964.	2.0	21
82	Evaluation of a modified mica and montmorillonite for the adsorption of ibuprofen from aqueous media. <i>Applied Clay Science</i> , 2019, 171, 29-37.	2.6	54
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84	The use of Al ₂ O ₃ - pillared clay in cleaning of aqueous solutions from surfactants. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 687, 066068.	0.3	0
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111	Prediction of adsorption capacity for pharmaceuticals, personal care products and endocrine disrupting chemicals onto various adsorbent materials. <i>Chemosphere</i> , 2020, 238, 124658.	4.2	35
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