Sabolc Pap

List of Publications by Year
in descending order

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26	1,146	430754 18	580701 25
papers	citations	h-index	g-index

26	26	26	1373
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Low-cost chitosan-calcite adsorbent development for potential phosphate removal and recovery from wastewater effluent. Water Research, 2020, 173, 115573.	5.3	129
2	Surface functionalised adsorbent for emerging pharmaceutical removal: Adsorption performance and mechanisms. Chemical Engineering Research and Design, 2019, 125, 50-63.	2.7	122
3	Ionisable emerging pharmaceutical adsorption onto microwave functionalised biochar derived from novel lignocellulosic waste biomass. Journal of Colloid and Interface Science, 2019, 547, 350-360.	5.0	90
4	Utilization of fruit processing industry waste as green activated carbon for the treatment of heavy metals and chlorophenols contaminated water. Journal of Cleaner Production, 2017, 162, 958-972.	4.6	83
5	Utilizing low-cost natural waste for the removal of pharmaceuticals from water: Mechanisms, isotherms and kinetics at low concentrations. Journal of Cleaner Production, 2019, 227, 88-97.	4.6	80
6	A review of the potential utilisation of plastic waste as adsorbent for removal of hazardous priority contaminants from aqueous environments. Environmental Pollution, 2020, 258, 113698.	3.7	77
7	Synthesis of highly-efficient functionalized biochars from fruit industry waste biomass for the removal of chromium and lead. Journal of Molecular Liquids, 2018, 268, 315-325.	2.3	74
8	Efficient removal of priority, hazardous priority and emerging pollutants with Prunus armeniaca functionalized biochar from aqueous wastes: Experimental optimization and modeling. Science of the Total Environment, 2018, 613-614, 736-750.	3.9	65
9	Evaluation of the adsorption potential of eco-friendly activated carbon prepared from cherry kernels for the removal of Pb2+, Cd2+ and Ni2+ from aqueous wastes. Journal of Environmental Management, 2016, 184, 297-306.	3.8	63
10	Removal behaviour of NSAIDs from wastewater using a P-functionalised microporous carbon. Chemosphere, 2021, 264, 128439.	4.2	62
11	Eco-design of a low-cost adsorbent produced from waste cherry kernels. Journal of Cleaner Production, 2018, 174, 1620-1628.	4.6	52
12	An insight into the adsorption of three emerging pharmaceutical contaminants on multifunctional carbonous adsorbent: Mechanisms, modelling and metal coadsorption. Journal of Molecular Liquids, 2019, 284, 372-382.	2.3	48
13	Comparison of sustainable biosorbents and ion-exchange resins to remove Sr2+ from simulant nuclear wastewater: Batch, dynamic and mechanism studies. Science of the Total Environment, 2019, 650, 2411-2422.	3.9	36
14	Circular economy based landfill leachate treatment with sulphur-doped microporous biochar. Waste Management, 2021, 124, 160-171.	3.7	30
15	Synthesis optimisation and characterisation of chitosan-calcite adsorbent from fishery-food waste for phosphorus removal. Environmental Science and Pollution Research, 2020, 27, 9790-9802.	2.7	27
16	A SPE-HPLC-MS/MS method for the simultaneous determination of prioritised pharmaceuticals and EDCs with high environmental risk potential in freshwater. Journal of Environmental Sciences, 2021, 100, 18-27.	3.2	26
17	Removal of pharmaceuticals from wastewater: A review of adsorptive approaches, modelling and mechanisms for metformin and macrolides. Journal of Environmental Chemical Engineering, 2022, 10, 108106.	3.3	26
18	Enhanced phosphate removal and potential recovery from wastewater by thermo-chemically calcinated shell adsorbents. Science of the Total Environment, 2022, 814, 152794.	3.9	23

#	Article	IF	Citations
19	Comparison of Spectrolyser Device Measurements with Standard Analysis of Wastewater Samples in Novi Sad, Serbia. Bulletin of Environmental Contamination and Toxicology, 2014, 93, 354-359.	1.3	7
20	The emission of BTEX compounds during movement of passenger car in accordance with the NEDC. Science of the Total Environment, 2018, 639, 339-349.	3.9	7
21	Substrate-Driven Phosphorus Bioavailability Dynamics of Novel Inorganic and Organic Fertilizing Products Recovered from Municipal Wastewaterâ€"Tests with Ryegrass. Agronomy, 2022, 12, 292.	1.3	7
22	Optimising production of a biochar made from conifer brash and investigation of its potential for phosphate and ammonia removal. Industrial Crops and Products, 2022, 185, 115165.	2.5	4
23	Biochar application in organics and ultra-violet quenching substances removal from sludge dewatering leachate for algae production. Journal of Environmental Management, 2021, 298, 113446.	3.8	3
24	From molecular to large-scale phosphorous recovery from wastewater using cost-effective adsorbents: an integrated approach. , 2021, , 61-85.		3
25	Necessity of meat-processing industry's wastewater treatmentâ€"a one-year trial in Serbia. Desalination and Water Treatment, 2016, 57, 15806-15812.	1.0	1
26	Reply to comments on â€œLow-cost chitosan-calcite adsorbent development for potential phosphate removal and recovery from wastewater effluentâ€•by Pap etÂal. [Water research 173 (2020) 115573]. Water Research, 2020, 179, 115828.	5.3	1