Tekin Åahan

List of Publications by Year
in descending order

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32	916	643344	563245
papers	citations	15 h-index	28 g-index

32	32	32	1092
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of Mercury(II) and Arsenic(V) adsorption onto sulphur functionalised pumice: a response surface approach for optimisation and modelling. International Journal of Environmental Analytical Chemistry, 2022, 102, 7779-7799.	1.8	12
2	Decolorization of Rhodamine B by silver nanoparticleâ€“loaded magnetic sporopollenin: characterization and process optimization. Environmental Science and Pollution Research, 2022, 29, 79375-79387.	2.7	5
3	Bentonite grafted with poly(N-acryloylglycineamide) brush: A novel clay-polymer brush hybrid material for the effective removal of Hg(II) and As(V) from aqueous environments. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 612, 125979.	2.3	11
4	Synthesis and characterization of an efficient catalyst based on MoS2 decorated magnetic pumice: An experimental design study for methyl orange degradation. Journal of Environmental Chemical Engineering, 2021, 9, 105265.	3.3	9
5	Utilization of a novel polymerâ€“clay material for high elimination of hazardous radioactive contamination uranium(VI) from aqueous environments. Environmental Technology and Innovation, 2021, 23, 101631.	3.0	8
6	Effective utilization of Fe(III)-based metal organic framework-coated cellulose paper for highly efficient elimination from the liquid phase of paracetamol as a pharmaceutical pollutant. Environmental Technology and Innovation, 2021, 24, 101799.	3.0	11
7	Magnetic clayzeolitic imidazole framework nanocomposite (ZIF-8@Fe3O4@BNT) for reactive orange 16 removal from liquid media. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 630, 127558.	2.3	22
8	Utilization of pumice for improving biogas production from poultry manure by anaerobic digestion: A modeling and process optimization study using response surface methodology. Biomass and Bioenergy, 2020, 138, 105601.	2.9	40
9	A comprehensive study of hydrogen production from ammonia borane via PdCoAg/AC nanoparticles and anodic current in alkaline medium: experimental design with response surface methodology. Frontiers in Energy, 2020, 14, 578-589.	1.2	14
10	A novel material poly(N-acryloyl-L-serine)-brush grafted kaolin for efficient elimination of malachite green dye from aqueous environments. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 601, 125041.	2.3	13
11	Effective clay material enriched with thiol groups for Zn(II) removal from aqueous media: A statistical approach based on response surface methodology. MANAS: Journal of Engineering, 2020, 8, 125-131.	0.4	0
12	Towards more active and stable PdAgCr electrocatalysts for formic acid electrooxidation: The role of optimization via response surface methodology. International Journal of Energy Research, 2019, 43, 8985-9000.	2.2	24
13	Conversion from a natural mineral to a novel effective adsorbent: Utilization of pumice grafted with polymer brush for methylene blue decolorization from aqueous environments. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 583, 123961.	2.3	24
14	Application of RSM for Pb(II) and Cu(II) adsorption by bentonite enriched with SH groups and a binary system study. Journal of Water Process Engineering, 2019, 31, 100867.	2.6	45
15	Magnetic nanoparticles coated with aminated polymer brush as a novel material for effective removal of Pb(II) ions from aqueous environments. Environmental Science and Pollution Research, 2019, 26, 20454-20468.	2.7	24
16	Mercury(II) adsorption by a novel adsorbent mercapto-modified bentonite using ICP-OES and use of response surface methodology for optimization. Microchemical Journal, 2018, 138, 360-368.	2.3	57
17	Highly efficient Cd(II) adsorption using mercapto-modified bentonite as a novel adsorbent: an experimental design application based on response surface methodology for optimization. Water Science and Technology, 2018, 78, 1348-1360.	1.2	30
18	Modelling and Optimization of As(III) Adsorption onto Thiolâ€Functionalized Bentonite from Aqueous Solutions Using Response Surface Methodology Approach. ChemistrySelect, 2018, 3, 9326-9335.	0.7	25

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19	A novel Central Composite Design based response surface methodology optimization study for the synthesis of Pd/CNT direct formic acid fuel cell anode catalyst. International Journal of Hydrogen Energy, 2018, 43, 11002-11011.	3.8	61
20	Response surface approach for optimization of Hg(II) adsorption by 3-mercaptopropyl trimethoxysilane-modified kaolin minerals from aqueous solution. Korean Journal of Chemical Engineering, 2017, 34, 2225-2235.	1.2	31
21	Optimization with Response Surface Methodology of biosorption conditions of Hg(II) ions from aqueous media by Polyporus Squamosus fungi as a new biosorbent. Archives of Environmental Protection, 2017, 43, 37-43.	1.1	15
22	Optimization of biosorption of Zn(II) ions from aqueous solutions with low-cost biomassTrametes versicolorand the evaluation of kinetic and thermodynamic parameters. Desalination and Water Treatment, 2016, 57, 12156-12167.	1.0	13
23	Influence of the medium conditions on enzymatic oxidation of bisphenol A. Canadian Journal of Chemical Engineering, 2014, 92, 712-719.	0.9	3
24	Investigation of Pb(II) adsorption onto pumice samples: application of optimization method based on fractional factorial design and response surface methodology. Clean Technologies and Environmental Policy, 2014, 16, 819-831.	2.1	70
25	Reusable Soft Hydrogels for Gold Recovery from Acidic Environments. Separation Science and Technology, 2013, 48, 805-812.	1.3	9
26	The concentration of 238U and the levels of gross radioactivity in surface waters of the Van Lake (Turkey). Journal of Radioanalytical and Nuclear Chemistry, 2011, 288, 417-421.	0.7	11
27	Optimization of removal conditions of copper ions from aqueous solutions by Trametes versicolor. Bioresource Technology, 2010, 101, 4520-4526.	4.8	65
28	Removal of Cu(II), Zn(II) and Co(II) ions from aqueous solutions by adsorption onto natural bentonite. Adsorption, 2007, 13, 41-51.	1.4	186
29	Removal of Some Heavy Metal Cations from Aqueous Solution by Adsorption onto Natural Kaolin. Adsorption Science and Technology, 2005, 23, 519-534.	1.5	16
30	Design and Optimization of Cu(II) Adsorption Conditions from Aqueous Solutions by Low-Cost Adsorbent Pumice with Response Surface Methodology. Polish Journal of Environmental Studies, 0, 24, 1749-1756.	0.6	33
31	A response surface approach for optimization of Pb(II) biosorption conditions from aqueous environment with Polyporus squamosus. , 0, 102, 229-240.		28
32	An Optimization Study for Bio-Removal of Lead from Aqueous Environments by Alkali Modified Polyporus Squamosus. MANAS: Journal of Engineering, 0, , .	0.4	1