

# Åakir YÄ+lmas

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

334  
citations

949033

11  
h-index

993246

17  
g-index

21  
all docs

21  
docs citations

21  
times ranked

396  
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. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 7779-7799.	1.8	12
2	Facile synthesis of surfactant-modified layered double hydroxide magnetic hybrid composite and its application for bisphenol A adsorption: Statistical optimization of operational variables. <i>Surfaces and Interfaces</i> , 2022, 32, 102171.	1.5	4
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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 612, 125979.	2.3	11
4	Utilization of a novel polymer-clay material for high elimination of hazardous radioactive contamination uranium(VI) from aqueous environments. <i>Environmental Technology and Innovation</i> , 2021, 23, 101631.	3.0	8
5	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. <i>Environmental Technology and Innovation</i> , 2021, 24, 101799.	3.0	11
6	Utilization of pumice for improving biogas production from poultry manure by anaerobic digestion: A modeling and process optimization study using response surface methodology. <i>Biomass and Bioenergy</i> , 2020, 138, 105601.	2.9	40
7	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. <i>Frontiers in Energy</i> , 2020, 14, 578-589.	1.2	14
8	A novel material poly(N-acryloyl-L-serine)-brush grafted kaolin for efficient elimination of malachite green dye from aqueous environments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 125041.	2.3	13
9	ÄNÄ°VERÄ°TELERÄ°N MÄ°HENDÄ°SLÄ°K FAKÄ°LTELERÄ° BÄ°NYESÄ°NDE BULLINAN LABORATUVARLARDA Ä°Ä° SAÄ°LJÄ°ZI VE C <i>Ohs Academy</i> , 2020, 3, 102-113.	0.1	4
10	Effective clay material enriched with thiol groups for Zn(II) removal from aqueous media: A statistical approach based on response surface methodology. <i>MANAS: Journal of Engineering</i> , 2020, 8, 125-131.	0.4	0
11	Towards more active and stable PdAgCr electrocatalysts for formic acid electrooxidation: The role of optimization via response surface methodology. <i>International Journal of Energy Research</i> , 2019, 43, 8985-9000.	2.2	24
12	Conversion from a natural mineral to a novel effective adsorbent: Utilization of pumice grafted with polymer brush for methylene blue decolorization from aqueous environments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 583, 123961.	2.3	24
13	Magnetic nanoparticles coated with aminated polymer brush as a novel material for effective removal of Pb(II) ions from aqueous environments. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20454-20468.	2.7	24
14	Mercury(II) adsorption by a novel adsorbent mercapto-modified bentonite using ICP-OES and use of response surface methodology for optimization. <i>Microchemical Journal</i> , 2018, 138, 360-368.	2.3	57
15	Highly efficient Cd(II) adsorption using mercapto-modified bentonite as a novel adsorbent: an experimental design application based on response surface methodology for optimization. <i>Water Science and Technology</i> , 2018, 78, 1348-1360.	1.2	30
16	Modelling and Optimization of As(III) Adsorption onto Thiol-Functionalized Bentonite from Aqueous Solutions Using Response Surface Methodology Approach. <i>ChemistrySelect</i> , 2018, 3, 9326-9335.	0.7	25
17	Response surface approach for optimization of Hg(II) adsorption by 3-mercaptopropyl trimethoxysilane-modified kaolin minerals from aqueous solution. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2225-2235.	1.2	31
18	Application of response surface methodology for optimization of Co(II) adsorption conditions with natural pumice mineral. <i>Pamukkale University Journal of Engineering Sciences</i> , 2017, 23, 887-892.	0.2	1

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19	Å†EÄ°TLÄ° ALÄ†ILARDA TOLUENÄ°N DÄ°FÄœZYON VE ADSORPSÄ°YONUNUN DÄ°NAMÄ°K ANALÄ°ZÄ°. Anadolu University Journal of Sciences & Technology, 2015, 16, 117.	0.2	0
20	OFÄ°S ORTAMLARINDA EKLANLI ARAÄ†LARLA YAPILAN Ä†ALİÄžMALARDA SAÄžLIK VE GÄœVENLÄ°K Ä–NLEMLERÄ°. Ohs Academy, 0, , .	0.1	0
21	An Optimization Study for Bio-Removal of Lead from Aqueous Environments by Alkali Modified Polyporus Squamosus. MANAS: Journal of Engineering, 0, , .	0.4	1