

Åakir YÄ+lmas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2297129/publications.pdf>

Version: 2024-02-01

21
papers

334
citations

840585

11
h-index

887953

17
g-index

21
all docs

21
docs citations

21
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
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. <i>Frontiers in Energy</i> , 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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 125041.	2.3	13
11	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
12	Bentonite grafted with poly(N-acryloyl glycineamide) 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
13	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
14	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
15	ÄNÄ°TELERÄ°N MÄ°HENDÄ°SLÄ°K FAKÄ°LTERÄ° BÄ°NYESÄ°NDE BULLUNAN LABORATUVARLARDA Ä°Ä° SAÄ°LJÄ° VE CÄ° Ohs Academy, 2020, 3, 102-113.	0.1	4
16	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
17	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
18	An Optimization Study for Bio-Removal of Lead from Aqueous Environments by Alkali Modified <i>Polyporus Squamosus</i> . <i>MANAS: Journal of Engineering</i> , 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	OFÄ°S ORTAMLARINDA EKLANLI ARAÄ±LARLA YAPILAN Ä±ALIÄ±MALARDA SAÄžLIK VE GÄceVENLÄ°K Ä±NLEMLERÄ° Academy, 0, , .	0.1	0
20	Ä±EÄžÄ°TLÄ° ALÄ±ILARDA TOLUENÄ°N DÄ°FÄceZYON VE ADSORPSÄ°YONUNUN DÄ°NAMÄ°K ANALÄ°ZÄ°. Anadolu University Journal of Sciences & Technology, 2015, 16, 117.	0.2	0
21	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