

Rishi Karan Singh Rathour

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1247512/publications.pdf>

Version: 2024-02-01

9
papers

140
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	Bimetallic Fe/Al-MOF for the adsorptive removal of multiple dyes: optimization and modeling of batch and hybrid adsorbent-river sand column study and its application in textile industry wastewater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 56249-56264.	5.3	12
2	Sand coated with graphene oxide-PVA matrix for aqueous Pb ²⁺ adsorption: Insights from optimization and modeling of batch and continuous flow studies. <i>Surfaces and Interfaces</i> , 2022, 32, 102115.	3.0	2
3	Selective and multicycle removal of Cr(VI) by graphene oxide-EDTA composite: Insight into the removal mechanism and ionic interference in binary and ternary associations. <i>Environmental Technology and Innovation</i> , 2020, 19, 100851.	6.1	22
4	β-Cyclodextrin conjugated graphene oxide: A regenerative adsorbent for cadmium and methylene blue. <i>Journal of Molecular Liquids</i> , 2019, 282, 606-616.	4.9	36
5	A green approach for single-pot synthesis of graphene oxide and its composite with Mn ₃ O ₄ . <i>Applied Surface Science</i> , 2018, 437, 41-50.	6.1	23
6	Facile Synthesis of Graphene Oxide for Multicycle Adsorption of Aqueous Pb ²⁺ in the Presence of Divalent Cations and Polyatomic Anions. <i>Journal of Chemical & Engineering Data</i> , 2018, 63, 3465-3474.	1.9	8
7	Microwave-assisted synthesis of graphene and its application for adsorptive removal of malachite green: thermodynamics, kinetics and isotherm study. <i>Desalination and Water Treatment</i> , 2016, 57, 7312-7321.	1.0	12
8	Assessment on linear and non-linear analysis for the estimation of pseudo-second-order kinetic parameters for removal of dye using graphene nanosheet. <i>Desalination and Water Treatment</i> , 2015, 56, 502-508.	1.0	12
9	Comparative assessment on the removal of ranitidine and prednisolone present in solution using graphene oxide (GO) nanoplatelets. , 0, 132, 287-296.		13