

Muhammad Vohra

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

711
citations

840776

11
h-index

713466

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all docs

22
docs citations

22
times ranked

865
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of surface fluorination of TiO ₂ on the photocatalytic degradation of tetramethylammonium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 55-60.	3.9	160
2	Photocatalytic degradation of aqueous pollutants using silica-modified TiO ₂ . <i>Water Research</i> , 2003, 37, 3992-3996.	11.3	102
3	TiO ₂ -Assisted photocatalysis of lead(II)-EDTA. <i>Water Research</i> , 2000, 34, 952-964.	11.3	73
4	Enhanced Photocatalytic Activity of Nafion-Coated TiO ₂ . <i>Environmental Science & Technology</i> , 2001, 35, 411-415.	10.0	58
5	Adsorption of Pb(II), NTA, and Pb(II)-NTA onto TiO ₂ . <i>Journal of Colloid and Interface Science</i> , 1997, 194, 59-67.	9.4	56
6	Photocatalytic degradation of nitrotoluene in aqueous TiO ₂ suspension. <i>Water Research</i> , 2002, 36, 59-64.	11.3	53
7	Adsorption of Pb(II), EDTA, and Pb(II)-EDTA onto TiO ₂ . <i>Journal of Colloid and Interface Science</i> , 1998, 198, 18-26.	9.4	39
8	Adsorption-Based Removal of Gas-Phase Benzene Using Granular Activated Carbon (GAC) Produced from Date Palm Pits. <i>Arabian Journal for Science and Engineering</i> , 2015, 40, 3007-3017.	1.1	26
9	NH ₄ ⁺ removal from simulated wastewater using UV-TiO ₂ photocatalysis: effect of co-pollutants and pH. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1091-1100.	2.2	20
10	Photocatalytic removal of selenite and selenate species: effect of EDTA and other process variables. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1091-1100.	2.2	20
11	Enhanced photocatalytic degradation of tetramethylammonium on silica-loaded titania. <i>Journal of Applied Electrochemistry</i> , 2005, 35, 757-763.	2.9	17
12	Application of activated carbon produced from phosphoric acid-based chemical activation of oil fly ash for the removal of some charged aqueous phase dyes: role of surface charge, adsorption kinetics, and modeling. <i>Desalination and Water Treatment</i> , 2016, 57, 16034-16052.	1.0	12
13	Treatment of Gaseous Ammonia Emissions Using Date Palm Pits Based Granular Activated Carbon. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1519.	2.6	11
14	Photocatalytic treatment of mixed selenocyanate and phenol streams: Process modeling, optimization, and kinetics. <i>Environmental Progress and Sustainable Energy</i> , 2020, 39, e13401.	2.3	11
15	Comparative Study on Electrochemical Treatment of Arsenite: Effects of Process Parameters, Sludge Characterization and Kinetics. <i>Arabian Journal for Science and Engineering</i> , 2020, 45, 3799-3815.	3.0	10
16	Adsorption of lead, ethylenediaminetetraacetic acid and lead-ethylenediaminetetraacetic acid complex onto granular activated carbon. <i>International Journal of Environmental Science and Technology</i> , 2010, 7, 687-696.	3.5	9
17	Solar Photocatalytic Removal of Selenite, Selenate, and Selenocyanate Species. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600268.	1.1	8
18	Gas Phase Toluene Adsorption Using Date Palm-Tree Branches Based Activated Carbon. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9287.	2.6	7

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19	Application of Solar Photocatalysis and Solar Photo-Fenton Processes for the Removal of Some Critical Charged Pollutants: Mineralization Trends and Formation of Reaction Intermediates. Arabian Journal for Science and Engineering, 2016, 41, 3877-3887.	1.1	6
20	Competitive adsorption of selenite [Se(IV)], selenate [Se(VI)] and selenocyanate [SeCN ⁻] species onto TiO ₂ : Experimental findings and surface complexation modelling. , 0, 124, 267-378.		6
21	LDH-TiO ₂ Composite for Selenocyanate (SeCN ⁻) Photocatalytic Degradation: Characterization, Treatment Efficiency, Reaction Intermediates and Modeling. Nanomaterials, 2022, 12, 2035.	4.1	5
22	Biosorption of chlorophenols to anaerobic granular sludge. Water Research, 1994, 28, 741-742.	11.3	2