

# 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

21  
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22  
docs citations

22  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	LDH-TiO <sub>2</sub> Composite for Selenocyanate (SeCN <sup>-</sup> ) Photocatalytic Degradation: Characterization, Treatment Efficiency, Reaction Intermediates and Modeling. <i>Nanomaterials</i> , 2022, 12, 2035.	4.1	5
2	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
3	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
4	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
5	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
6	Solar Photocatalytic Removal of Selenite, Selenate, and Selenocyanate Species. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600268.	1.1	8
7	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
8	Application of Solar Photocatalysis and Solar Photo-Fenton Processes for the Removal of Some Critical Charged Pollutants: Mineralization Trends and Formation of Reaction Intermediates. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 3877-3887.	1.1	6
9	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
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	NH <sub>4</sub> <sup>+</sup> removal from simulated wastewater using UV-TiO <sub>2</sub> photocatalysis: effect of co-pollutants and pH. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 1074-1081.	1.0	14
12	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
13	Enhanced photocatalytic degradation of tetramethylammonium on silica-loaded titania. <i>Journal of Applied Electrochemistry</i> , 2005, 35, 757-763.	2.9	17
14	Effects of surface fluorination of TiO <sub>2</sub> on the photocatalytic degradation of tetramethylammonium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 160, 55-60.	3.9	160
15	Photocatalytic degradation of aqueous pollutants using silica-modified TiO <sub>2</sub> . <i>Water Research</i> , 2003, 37, 3992-3996.	11.3	102
16	Photocatalytic degradation of nitrotoluene in aqueous TiO <sub>2</sub> suspension. <i>Water Research</i> , 2002, 36, 59-64.	11.3	53
17	Enhanced Photocatalytic Activity of Nafion-Coated TiO <sub>2</sub> . <i>Environmental Science &amp; Technology</i> , 2001, 35, 411-415.	10.0	58
18	TiO <sub>2</sub> -Assisted photocatalysis of lead-EDTA. <i>Water Research</i> , 2000, 34, 952-964.	11.3	73

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19	Adsorption of Pb(II), EDTA, and Pb(II)-EDTA onto TiO <sub>2</sub> . Journal of Colloid and Interface Science, 1998, 198, 18-26.	9.4	39
20	Adsorption of Pb(II), NTA, and Pb(II)-NTA onto TiO <sub>2</sub> . Journal of Colloid and Interface Science, 1997, 194, 59-67.	9.4	56
21	Biosorption of chlorophenols to anaerobic granular sludge. Water Research, 1994, 28, 741-742.	11.3	2
22	Competitive adsorption of selenite [Se(IV)], selenate [Se(VI)] and selenocyanate [SeCN <sup>-</sup> ] species onto TiO <sub>2</sub> : Experimental findings and surface complexation modelling. , 0, 124, 267-378.		6