

Chanat Chokeyaroenrat

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

558
citations

567144

15
h-index

610775

24
g-index

25
all docs

25
docs citations

25
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Hexavalent chromium adsorption from aqueous solution using carbon nano-onions (CNOs). <i>Chemosphere</i> , 2017, 184, 1168-1174.	4.2	68
2	Developing slow-release persulfate candles to treat BTEX contaminated groundwater. <i>Chemosphere</i> , 2012, 89, 656-664.	4.2	59
3	Two facile synthesis routes for magnetic recoverable MnFe ₂ O ₄ /g-C ₃ N ₄ nanocomposites to enhance visible light photo-Fenton activity for methylene blue degradation. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105621.	3.3	39
4	Improving the treatment of non-aqueous phase TCE in low permeability zones with permanganate. <i>Journal of Hazardous Materials</i> , 2014, 268, 177-184.	6.5	38
5	A combined chemical and biological approach to transforming and mineralizing PAHs in runoff water. <i>Chemosphere</i> , 2014, 117, 1-9.	4.2	37
6	Improving the Sweeping Efficiency of Permanganate into Low Permeable Zones To Treat TCE: Experimental Results and Model Development. <i>Environmental Science & Technology</i> , 2013, 47, 13031-13038.	4.6	35
7	Removing PAHs from urban runoff water by combining ozonation and carbon nano-onions. <i>Chemosphere</i> , 2015, 141, 265-273.	4.2	33
8	Remediating sulfadimethoxine-contaminated aquaculture wastewater using ZVI-activated persulfate in a flow-through system. <i>Aquacultural Engineering</i> , 2019, 84, 99-105.	1.4	22
9	Transformation of Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX) by Permanganate. <i>Environmental Science & Technology</i> , 2011, 45, 3643-3649.	4.6	20
10	Treating Methyl Orange in a Two-Dimensional Flow Tank by <i>In Situ</i> Chemical Oxidation Using Slow-Release Persulfate Activated with Zero-Valent Iron. <i>Environmental Engineering Science</i> , 2015, 32, 1007-1015.	0.8	20
11	UV-activated persulfate oxidation of 17 β -estradiol: Implications for discharge water remediation. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 102858.	3.3	19
12	Remediation and Restoration of Petroleum Hydrocarbon Containing Alcohol-Contaminated Soil by Persulfate Oxidation Activated with Soil Minerals. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	18
13	Multiclass analysis of antimicrobial drugs in shrimp muscle by ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 118-134.	0.9	18
14	Fractionation and characterization of lignin from sugarcane bagasse using a sulfuric acid catalyzed solvothermal process. <i>RSC Advances</i> , 2021, 11, 26773-26784.	1.7	18
15	Modeling improved ISCO treatment of low permeable zones via viscosity modification: Assessment of system variables. <i>Journal of Contaminant Hydrology</i> , 2015, 173, 25-37.	1.6	17
16	In Situ Chemical Oxidation of RDX-Contaminated Groundwater with Permanganate at the Nebraska Ordnance Plant. <i>Ground Water Monitoring and Remediation</i> , 2010, 30, 96-106.	0.6	16
17	Pharmacokinetics of enrofloxacin and its metabolite ciprofloxacin in freshwater crocodiles (<i>Crocodylus siamensis</i>) after intravenous and intramuscular administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 19-25.	0.6	14
18	Removal of 17 β -Estradiol Using Persulfate Synergistically Activated Using Heat and Ultraviolet Light. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	13

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19	Immobilization of Atrazine Using Oxidized Lignite Amendments in Agricultural Soils. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	13
20	Remediating oxytetracycline-contaminated aquaculture water using nano calcium peroxide ($nCaO$) desulfurization (FGD) gypsum. <i>Environmental Technology and Innovation</i> , 2021, 24, 101861.	3.0	9
21	Oxidation of 17 β -Estradiol in Water by Slow-Release Permanganate Candles. <i>Environmental Engineering Science</i> , 2016, 33, 224-234.	0.8	7
22	Leonardite-Derived Biochar Suitability for Effective Sorption of Herbicides. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	7
23	Solvothermal-Based Lignin Fractionation From Corn Stover: Process Optimization and Product Characteristics. <i>Frontiers in Chemistry</i> , 2021, 9, 697237.	1.8	7
24	Optimization of Liquid Hot Water Pretreatment and Fermentation for Ethanol Production from Sugarcane Bagasse Using <i>Saccharomyces cerevisiae</i> . <i>Catalysts</i> , 2022, 12, 463.	1.6	6
25	Developing persulfate-activator soft solid (PASS) as slow release oxidant to remediate phenol-contaminated groundwater. <i>Environmental Technology and Innovation</i> , 2021, 22, 101396.	3.0	5