

# Mohammad Nazrul Islam

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

517  
citations

567281

15  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

636  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remediation of PAHs contaminated soil by extraction using subcritical water. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 1689-1693.	5.8	50
2	Chemical Speciation and Quantitative Evaluation of Heavy Metal Pollution Hazards in Two Army Shooting Range Backstop Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 179-185.	2.7	41
3	A short review on hydrothermal liquefaction of livestock manure and a chance for Korea to advance swine manure to bio-oil technology. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 1-9.	3.0	37
4	Thermodynamic and kinetic study for subcritical water extraction of PAHs. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 129-136.	5.8	36
5	Heavy metal stabilization in contaminated soil by treatment with calcined cockle shell. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7177-7183.	5.3	35
6	Subcritical water treatment of explosive and heavy metals co-contaminated soil: Removal of the explosive, and immobilization and risk assessment of heavy metals. <i>Journal of Environmental Management</i> , 2015, 163, 262-269.	7.8	32
7	Yield of Phenolic Monomers from Lignin Hydrothermolysis in Subcritical Water System. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 4779-4784.	3.7	32
8	Production of Phenol-Rich Monomers from Kraft Lignin Hydrothermolysates in Basic-Subcritical Water over MoO <sub>3</sub> /SBA-15 Catalyst. <i>Energy &amp; Fuels</i> , 2018, 32, 11564-11575.	5.1	26
9	Effects of Temperature and Salt Catalysts on Depolymerization of Kraft Lignin to Aromatic Phenolic Compounds. <i>Energy &amp; Fuels</i> , 2019, 33, 6390-6404.	5.1	26
10	Decontamination of PCBs-containing soil using subcritical water extraction process. <i>Chemosphere</i> , 2014, 109, 28-33.	8.2	20
11	TNT and RDX degradation and extraction from contaminated soil using subcritical water. <i>Chemosphere</i> , 2015, 119, 1148-1152.	8.2	20
12	Immobilization and reduction of bioavailability of lead in shooting range soil through hydrothermal treatment. <i>Journal of Environmental Management</i> , 2017, 191, 172-178.	7.8	20
13	The feasibility of recovering oil from contaminated soil at petroleum oil spill site using a subcritical water extraction technology. <i>Chemical Engineering Research and Design</i> , 2017, 111, 52-59.	5.6	18
14	Evaluation of Subcritical Water Extraction Process for Remediation of Pesticide-Contaminated Soil. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	17
15	Remediation of soil contaminated with lubricating oil by extraction using subcritical water. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 1511-1516.	5.8	17
16	Distribution, sources, and toxicity assessment of polycyclic aromatic hydrocarbons in surface soils of the Gwangju City, Korea. <i>Journal of Geochemical Exploration</i> , 2017, 180, 52-60.	3.2	17
17	Extraction of diesel from contaminated soil using subcritical water. <i>Environmental Earth Sciences</i> , 2015, 74, 3059-3066.	2.7	12
18	Optimization of operating parameters to remove and recover crude oil from contaminated soil using subcritical water extraction process. <i>Environmental Engineering Research</i> , 2018, 23, 175-180.	2.5	12

#	ARTICLE	IF	CITATIONS
19	Subcritical Water Remediation of Petroleum and Aromatic Hydrocarbon-Contaminated Soil: a Semi-pilot Scale Study. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	11
20	Leaching and redistribution of Cu and Pb due to simulated road runoff assessed by column leaching test, chemical analysis, and PHREEQC modeling. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	9
21	Remediation of Gulf War Oil Spill Contaminated Soil by a Subcritical Water Extraction Process: Oil Removal, Recovery, and Degradation. <i>Soil and Sediment Contamination</i> , 2018, 27, 120-130.	1.9	9
22	Assessment of Polycyclic Aromatic Hydrocarbons in School Playground Soils in Urban Gwangju, South Korea. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 74, 431-441.	4.1	9
23	Remediation approach for organic compounds and arsenic co-contaminated soil using the pressurized hot water extraction process. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 125-131.	2.2	9
24	Variation of Cu and Zn Fractionation and Mobility in Mine Tailing Soil Due to Experimental Leaching. <i>Soil and Sediment Contamination</i> , 2017, 26, 210-219.	1.9	2