

Mohammad Nazrul Islam

List of Publications by Year in descending order

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24
papers

517
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of Temperature and Salt Catalysts on Depolymerization of Kraft Lignin to Aromatic Phenolic Compounds. <i>Energy & Fuels</i> , 2019, 33, 6390-6404. | 5.1 | 26 |
| 2 | 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 |
| 3 | 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 |
| 4 | Yield of Phenolic Monomers from Lignin Hydrothermolysis in Subcritical Water System. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 4779-4784. | 3.7 | 32 |
| 5 | 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 |
| 6 | 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 |
| 7 | Production of Phenol-Rich Monomers from Kraft Lignin Hydrothermolysates in Basic-Subcritical Water over $\text{MoO}_3/\text{SBA-15}$ Catalyst. <i>Energy & Fuels</i> , 2018, 32, 11564-11575. | 5.1 | 26 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 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 | 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 |
| 15 | 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 |
| 16 | Extraction of diesel from contaminated soil using subcritical water. <i>Environmental Earth Sciences</i> , 2015, 74, 3059-3066. | 2.7 | 12 |
| 17 | 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 |
| 18 | TNT and RDX degradation and extraction from contaminated soil using subcritical water. <i>Chemosphere</i> , 2015, 119, 1148-1152. | 8.2 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Remediation of soil contaminated with lubricating oil by extraction using subcritical water. Journal of Industrial and Engineering Chemistry, 2014, 20, 1511-1516. | 5.8 | 17 |
| 20 | Subcritical Water Remediation of Petroleum and Aromatic Hydrocarbon-Contaminated Soil: a Semi-pilot Scale Study. Water, Air, and Soil Pollution, 2014, 225, 1. | 2.4 | 11 |
| 21 | Decontamination of PCBs-containing soil using subcritical water extraction process. Chemosphere, 2014, 109, 28-33. | 8.2 | 20 |
| 22 | Evaluation of Subcritical Water Extraction Process for Remediation of Pesticide-Contaminated Soil. Water, Air, and Soil Pollution, 2013, 224, 1. | 2.4 | 17 |
| 23 | Thermodynamic and kinetic study for subcritical water extraction of PAHs. Journal of Industrial and Engineering Chemistry, 2013, 19, 129-136. | 5.8 | 36 |
| 24 | Remediation of PAHs contaminated soil by extraction using subcritical water. Journal of Industrial and Engineering Chemistry, 2012, 18, 1689-1693. | 5.8 | 50 |