

Liming Ren

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

176
citations

1306789

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1372195

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times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	An in-situ reactive zone with xanthan gum modified reduced graphene oxide supported nanoscale zero-valent iron (XG-nZVI/rGO) for remediation of Cr(VI)-polluted aquifer: Dynamic evolutions of Cr(VI) and environmental variables. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104987.	3.3	10
2	Enhanced remediation efficiency of Cr(VI)-contaminated heterogeneous aquifers: Improved sweeping efficiency using shear-thinning fluids. <i>Chemosphere</i> , 2021, 273, 129675.	4.2	4
3	Deposition mechanism of polydisperse xanthan gum-stabilized graphene oxide/nano-iron composites in saturated porous medium. <i>Journal of Cleaner Production</i> , 2020, 273, 123069.	4.6	11
4	Rheology modification of reduced graphene oxide based nanoscale zero valent iron (nZVI/rGO) using xanthan gum (XG): Stability and transport in saturated porous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 562, 34-41.	2.3	18
5	Reduced graphene oxide-nano zero value iron (rGO-nZVI) micro-electrolysis accelerating Cr(VI) removal in aquifer. <i>Journal of Environmental Sciences</i> , 2018, 73, 96-106.	3.2	85
6	Investigation of the compatibility of xanthan gum (XG) and calcium polysulfide and the rheological properties of XG solutions. <i>Environmental Technology (United Kingdom)</i> , 2018, 39, 607-615.	1.2	1
7	One-dimensional experimental investigation and simulation on the transport characteristics of heterogeneous colloidal Mg(OH) ₂ in saturated porous media. <i>Journal of Contaminant Hydrology</i> , 2018, 218, 34-43.	1.6	4
8	A 2D tank test on remediation of nitrobenzene-contaminated aquifer using in-situ reactive zone with emulsified nanoscale zero-valent iron. <i>Chemosphere</i> , 2018, 206, 766-776.	4.2	12
9	Influencing factors on the stabilization of colloid biliquid aphrons and its effectiveness used for density modification of DNAPLs in subsurface environment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 553, 439-445.	2.3	14
10	Study on the removal of hexavalent chromium from contaminated groundwater using emulsified vegetable oil. <i>Chemical Engineering Research and Design</i> , 2017, 109, 599-608.	2.7	17