

# Ali Reza Pendashteh

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

2,795  
citations

623574

14  
h-index

642610

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

3181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of technologies for oil and gas produced water treatment. <i>Journal of Hazardous Materials</i> , 2009, 170, 530-551.	6.5	1,712
2	Demulsification techniques of water-in-oil and oil-in-water emulsions in petroleum industry. <i>Separation and Purification Technology</i> , 2016, 170, 377-407.	3.9	484
3	Application of membrane-coupled sequencing batch reactor for oilfield produced water recycle and beneficial re-use. <i>Bioresource Technology</i> , 2010, 101, 6942-6949.	4.8	109
4	Mucilaginous seed of <i>Ocimum basilicum</i> as a natural coagulant for textile wastewater treatment. <i>Industrial Crops and Products</i> , 2015, 69, 40-47.	2.5	91
5	Modeling of membrane bioreactor treating hypersaline oily wastewater by artificial neural network. <i>Journal of Hazardous Materials</i> , 2011, 192, 568-575.	6.5	80
6	Evaluation of color and COD removal by Fenton from biologically (SBR) pre-treated pulp and paper wastewater. <i>Chemical Engineering Research and Design</i> , 2018, 116, 82-91.	2.7	65
7	Application of isolated halophilic microorganisms suspended and immobilized on walnut shell as biocarrier for treatment of oilfield produced water. <i>Journal of Hazardous Materials</i> , 2020, 400, 123197.	6.5	36
8	Evaluation of COD and turbidity removal from woodchips wastewater using biologically sequenced batch reactor. <i>Chemical Engineering Research and Design</i> , 2019, 128, 211-227.	2.7	25
9	Efficiency evaluation of the membrane/AOPs for paper mill wastewater treatment. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1127-1138.	1.2	19
10	Treatment of pulp and paper wastewater by lab-scale coagulation/SR-AOPs/ultrafiltration process: optimization by Taguchi. , 0, 95, 96-108.		19
11	Saline oily wastewater treatment using <i>Lallemandia mucilage</i> as a natural coagulant: Kinetic study, process optimization, and modeling. <i>Industrial Crops and Products</i> , 2021, 163, 113326.	2.5	18
12	Treatment of wood industry wastewater by combined coagulation–flocculation–decantation and fenton process. <i>Water Environment Research</i> , 2021, 93, 433-444.	1.3	17
13	Biological treatment of high salinity produced water by microbial consortia in a batch stirred tank reactor: Modelling and kinetics study. <i>Chemical Engineering Communications</i> , 2018, 205, 387-401.	1.5	16
14	Biological treatment of slaughterhouse wastewater: kinetic modeling and prediction of effluent. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2019, 17, 731-741.	1.4	16
15	Removal of TCOD and phosphate from slaughterhouse wastewater using Fenton as a post-treatment of an UASB reactor. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2020, 18, 413-422.	1.4	15
16	Preparation and application of $\text{Fe}_2\text{O}_3$ @MIL-101(Cr)@ $\text{TiO}_2$ based on metal–organic framework for photocatalytic degradation of paraquat. <i>Toxicology and Industrial Health</i> , 2018, 34, 842-859.	0.6	14
17	Electro-activated persulfate oxidation (EC/PS) for the treatment of real oilfield produced water: Optimization, developed numerical kinetic model, and comparison with thermal/EC/PS and EC systems. <i>Chemical Engineering Research and Design</i> , 2021, 153, 384-402.	2.7	14
18	Estimation of effluent parameters of slaughterhouse wastewater treatment with artificial neural network and B-spline quasi interpolation. <i>International Journal of Environmental Research</i> , 2020, 14, 527-539.	1.1	10

#	ARTICLE	IF	CITATIONS
19	Treatment of a natural gas refinery effluents by electrocoagulation. Environmental Challenges, 2021, 3, 100036.	2.0	8
20	Sulphate radical-based advanced oxidation technologies for removal of COD and ammonia from hazardous landfill leachate: A review. International Journal of Environmental Analytical Chemistry, 2023, 103, 5226-5244.	1.8	8
21	Application of halophilic microorganisms in osmotic membrane bioreactor (OMBR) for reduction of volume and organic load of produced water. Journal of Water Process Engineering, 2020, 37, 101422.	2.6	7
22	Advanced numerical kinetic model for predicting COD removal and optimisation of pulp and paper wastewater treatment by Fenton process. International Journal of Environmental Analytical Chemistry, 2020, , 1-24.	1.8	6
23	Preparation and application of $\text{Fe}_2\text{O}_3/\text{TiO}_2/\text{SO}_3\text{H}$ for photocatalytic degradation and COD reduction of woodchips industry wastewater. Environmental Science and Pollution Research, 2021, 28, 56449-56472.	2.7	4
24	Synthesis, characterization, and application of $\text{Fe}_2\text{O}_3/\text{TiO}_2/\text{SO}_3\text{H}$ photocatalyst for photocatalytic degradation of biologically pretreated wood industry wastewater. Water Environment Research, 2022, 94, e10695.	1.3	2
25	CONTENT OF HEAVY METALS IN THE SEA WATER OF THE NORTHERN CASPIAN SEA. Series Chemistry and Technology, 2021, , 22-29.	0.1	0