

Mahsa Moradi

List of Publications by Year in descending order

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21
papers

3,000
citations

471061

17
h-index

713013

21
g-index

22
all docs

22
docs citations

22
times ranked

2844
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of peroxymonosulfate and its activation methods for degradation of environmental organic pollutants: Review. <i>Chemical Engineering Journal</i> , 2017, 310, 41-62.	6.6	1,802
2	A comparative study of electrocoagulation, electrochemical Fenton, electro-Fenton and peroxi-coagulation for decolorization of real textile wastewater: Electrical energy consumption and biodegradability improvement. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 499-506.	3.3	154
3	Bisphenol A degradation in aqueous solutions by electrogenerated ferrous ion activated ozone, hydrogen peroxide and persulfate: Applying low current density for oxidation mechanism. <i>Chemical Engineering Journal</i> , 2016, 294, 298-307.	6.6	131
4	Textile wastewater decolorization by zero valent iron activated peroxymonosulfate: Compared with zero valent copper. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 1846-1851.	3.3	113
5	Degradation of 2,4,6-trichlorophenol in aqueous solutions using peroxymonosulfate/activated carbon/UV process via sulfate and hydroxyl radicals. <i>Journal of Water Process Engineering</i> , 2016, 9, 22-28.	2.6	110
6	Application of response surface method for coagulation process in leachate treatment as pretreatment for Fenton process: Biodegradability improvement. <i>Journal of Water Process Engineering</i> , 2014, 4, 67-73.	2.6	96
7	Photocatalysis assisted by peroxymonosulfate and persulfate for benzotriazole degradation: effect of pH on sulfate and hydroxyl radicals. <i>Water Science and Technology</i> , 2015, 72, 2095-2102.	1.2	79
8	Electrocoagulation/Flotation of Textile Wastewater with Simultaneous Application of Aluminum and Iron as Anode. <i>Environmental Processes</i> , 2014, 1, 447-457.	1.7	69
9	Enhanced treatment of tannery wastewater using the electrocoagulation process combined with UVC/VUV photoreactor: Parametric and mechanistic evaluation. <i>Chemical Engineering Journal</i> , 2019, 358, 1038-1046.	6.6	62
10	Photocatalytic degradation of azo dye using nano-ZrO ₂ /UV/Persulfate: Response surface modeling and optimization. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 539-546.	1.2	57
11	Photo-electro-oxidation assisted peroxymonosulfate for decolorization of acid brown 14 from aqueous solution. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 458-464.	1.2	51
12	Investigation of chemical-less UVC/VUV process for advanced oxidation of sulfamethoxazole in aqueous solutions: Evaluation of operational variables and degradation mechanism. <i>Separation and Purification Technology</i> , 2018, 190, 90-99.	3.9	46
13	Decolorization and COD removal from real textile wastewater by chemical and electrochemical Fenton processes: a comparative study. <i>Journal of Environmental Health Science & Engineering</i> , 2013, 11, 31.	1.4	42
14	Simultaneous application of iron and aluminum anodes for nitrate removal: a comprehensive parametric study. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 1653-1660.	1.8	40
15	Advanced disinfecting and post-treating the biologically treated hospital wastewater in the UVC/H ₂ O ₂ and VUV/H ₂ O ₂ processes: Performance comparison and detoxification efficiency. <i>Chemical Engineering Research and Design</i> , 2019, 126, 259-268.	2.7	34
16	Removal of acid yellow 36 using Behnken designed photoelectro-Fenton: a study on removal mechanisms. <i>Toxicological and Environmental Chemistry</i> , 2015, 97, 700-709.	0.6	27
17	Advanced oxidation of formaldehyde in aqueous solution using the chemical-less UVC/VUV process: Kinetics and mechanism evaluation. <i>Journal of Water Process Engineering</i> , 2019, 27, 120-125.	2.6	20
18	Direct Blue 71 removal by electrocoagulation sludge recycling in photo-Fenton process: response surface modeling and optimization. <i>Desalination and Water Treatment</i> , 0, , 1-12.	1.0	9

#	ARTICLE	IF	CITATIONS
19	Advanced oxidation processes for removal of organics from cooling tower blowdown: Efficiencies and evaluation of chlorinated species. <i>Separation and Purification Technology</i> , 2021, 278, 119537.	3.9	9
20	Simultaneous application of copper and PbO ₂ anodes for electrochemical treatment of olive oil mill wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 5828-5836.	1.0	7
21	Reductive/oxidative degradation of tetrachloroethene and its transformation products using combination of permeable ZVI column and UV/Fe/peroxydisulfate system: RSM design and synergy effect study. <i>Journal of Water Process Engineering</i> , 2020, 36, 101288.	2.6	5