Mingyi Fan

List of Publications by Year
in descending order

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11 papers	627 citations	933447 10 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	783 citing authors

#	Article	IF	Citations
1	A review on experimental design for pollutants removal in water treatment with the aid of artificial intelligence. Chemosphere, 2018, 200, 330-343.	8.2	170
2	Nanoscale zero-valent metals: a review of synthesis, characterization, and applications to environmental remediation. Environmental Science and Pollution Research, 2016, 23, 17880-17900.	5.3	87
3	Modeling and prediction of copper removal from aqueous solutions by nZVI/rGO magnetic nanocomposites using ANN-GA and ANN-PSO. Scientific Reports, 2017, 7, 18040.	3.3	82
4	Synthesis and Characterization of Reduced Graphene Oxide-Supported Nanoscale Zero-Valent Iron (nZVI/rGO) Composites Used for Pb(II) Removal. Materials, 2016, 9, 687.	2.9	61
5	Heavy Metal Pollution and Ecological Assessment around the Jinsha Coal-Fired Power Plant (China). International Journal of Environmental Research and Public Health, 2017, 14, 1589.	2.6	58
6	Artificial Neural Network Modeling and Genetic Algorithm Optimization for Cadmium Removal from Aqueous Solutions by Reduced Graphene Oxide-Supported Nanoscale Zero-Valent Iron (nZVI/rGO) Composites. Materials, 2017, 10, 544.	2.9	55
7	Optimizing the Removal of Rhodamine B in Aqueous Solutions by Reduced Graphene Oxide-Supported Nanoscale Zerovalent Iron (nZVI/rGO) Using an Artificial Neural Network-Genetic Algorithm (ANN-GA). Nanomaterials, 2017, 7, 134.	4.1	44
8	Modeling of Malachite Green Removal from Aqueous Solutions by Nanoscale Zerovalent Zinc Using Artificial Neural Network. Applied Sciences (Switzerland), 2018, 8, 3.	2.5	27
9	Optimizing Low-Concentration Mercury Removal from Aqueous Solutions by Reduced Graphene Oxide-Supported Fe3O4 Composites with the Aid of an Artificial Neural Network and Genetic Algorithm. Materials, 2017, 10, 1279.	2.9	25
10	Artificial Intelligence Based Optimization for the Se(IV) Removal from Aqueous Solution by Reduced Graphene Oxide-Supported Nanoscale Zero-Valent Iron Composites. Materials, 2018, 11, 428.	2.9	16
11	Addendum: Shi, X.D.; Ruan, W.Q.; Hu, J.W.; Fan, M.Y.; Cao, R.S.; Wei, X.H. Optimizing the Removal of Rhodamine B in Aqueous Solutions by Reduced Graphene Oxide-Supported Nanoscale Zerovalent Iron (nZVI/rGO) Using an Artificial Neural Network-Genetic Algorithm (ANN-GA). Nanomaterials 2017, 7, 134. Nanomaterials, 2017, 7, 309.	4.1	2