Elwira T Tomczak

List of Publications by Year
in descending order

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29 papers	557 citations	1039880 9 h-index	610775 24 g-index
30 all docs	30 docs citations	30 times ranked	797 citing authors

#	Article	IF	Citations
1	Pervaporation as an Alternative Desalination Method. Environmental Science and Engineering, 2021, , 201-205.	0.1	0
2	Dynamics modeling of multicomponent metal ionsâ€™ removal onto low-cost buckwheat hulls. Environmental Science and Pollution Research, 2020, 28, 46504-46513.	2.7	3
3	Simultaneous Adsorption of Phenol Derivatives from Water Onto Spherical Activated Carbon. Ecological Chemistry and Engineering S, 2020, 27, 403-413.	0.3	2
4	Pilot Tests and Fouling Identification in the Ultrafiltration of Model Oily and Saline Wastewaters. Ecological Chemistry and Engineering S, 2019, 26, 493-507.	0.3	1
5	Water desalination by pervaporation â€“ Comparison of energy consumption. Desalination, 2018, 433, 89-93.	4.0	71
6	Preparation and permeability of PVDF membranes functionalized with graphene oxide. , 2018, 128, 20-26.		3
7	Characteristics of Polymeric Ultrafiltration Membranes Produced with the Use of Graphene Oxide. Ecological Chemistry and Engineering S, 2018, 25, 419-429.	0.3	3
8	Example of sewerage system rehabilitation using trenchless technology. Ecological Chemistry and Engineering S, 2017, 24, 405-416.	0.3	7
9	Waste Plant Material as a Potential Adsorbent of a Selected Azo Dye. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2017, 38, 283-294.	0.7	9
10	Description of sorption kinetics of azo dye onto birch chips by means of fractional derivatives. Desalination and Water Treatment, 2016, 57, 22774-22778.	1.0	5
11	Adsorption of azo dyes onto a corncob in packed column at the constant velocity of front propagation. Desalination and Water Treatment, 2016, 57, 22788-22793.	1.0	2
12	Sorption dynamics of Direct Orange 26 dye onto a corncob plant sorbent. Ecological Chemistry and Engineering S, 2016, 23, 175-185.	0.3	4
13	Kinetics of azo dyes sorption onto low-cost sorbents. Desalination and Water Treatment, 2015, 55, 2675-2679.	1.0	4
14	Adsorption dynamics studies of azo dyes removal by biosorbent. Desalination and Water Treatment, 2015, 55, 2669-2674.	1.0	7
15	Sorption Equilibrium of Azo Dyes Direct Orange 26 and Reactive Blue 81 onto a Cheap Plant Sorbent/RÃ³wnowaga Sorpcji BarwnikÃ³w Azowych Direct Orange 26 I Reactive Blue 81 Na Tanim Sorbencie RoÅ›linnym. Ecological Chemistry and Engineering S, 2014, 21, 435-445.	0.3	5
16	Water Purification from Heavy Metal Ions in a Packed Column. Separation Science and Technology, 2013, 48, 2270-2276.	1.3	6
17	Fractional Derivatives for Description of Sorption Kinetics in the Plant Sorbent - Metal Ions System. Ecological Chemistry and Engineering S, 2013, 20, 499-506.	0.3	10
18	Application of genetic algorithms to determine heavy metal ions sorption dynamics on clinoptilolite bed. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2012, 33, 103-116.	0.7	9

#	Article	IF	Citations
19	Application of ANN to the Sorption Equilibrium Modelling of Heavy Metal Ions on Clinoptilolite. Ecological Chemistry and Engineering S, 2012, 19, 227-237.	0.3	7
20	Application of ANN and EA for description of metal ions sorption on chitosan foamed structureâ€"Equilibrium and dynamics of packed column. Computers and Chemical Engineering, 2011, 35, 226-235.	2.0	23
21	Description of Water Sorption Isotherms of Natural and Degradable Polymers Using BET and DA Equations. Drying Technology, 2009, 27, 1286-1291.	1.7	5
22	Interactions of metal ions sorbed on chitosan beads. Desalination, 2008, 218, 281-286.	4.0	32
23	Estimation of the Effect of Shape and Temperature on Drying Kinetics Using MLP. Drying Technology, 2004, 22, 191-200.	1.7	11
24	DEGRADATION OF ASCORBIC ACID IN DRYING PROCESS -A COMPARISON OF DESCRIPTION METHODS. Drying Technology, 2000, 18, 777-790.	1.7	12
25	AN INTEGRATED NEURAL MODEL FOR DRYING AND THERMAL DEGRADATION OF SELECTED PRODUCTS. Drying Technology, 1999, 17, 1291-1301.	1.7	13
26	NEUROCOMPUTING APPROACHES TO MODELLING OF DRYING PROCESS DYNAMICS. Drying Technology, 1998, 16, 967-992.	1.7	302
27	Effect of Thermal Processing and Addition of Carriers on Water Sorption Isotherms in Baker's Yeast. Drying Technology, 1996, 14, 245-258.	1.7	1
28	Hydrodynamics of ultrafiltration polymer membranes with carbon nanotubes. , 0, 64, 298-301.		0
29	Two-level factorial experiments in the ultrafiltration of oil-water emulsions. , 0, 128, 119-124.		0