

Elwira T Tomczak

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

557
citations

1039880

9
h-index

610775

24
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30
all docs

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docs citations

30
times ranked

797
citing authors

#	ARTICLE	IF	CITATIONS
1	NEUROCOMPUTING APPROACHES TO MODELLING OF DRYING PROCESS DYNAMICS. <i>Drying Technology</i> , 1998, 16, 967-992.	1.7	302
2	Water desalination by pervaporation – Comparison of energy consumption. <i>Desalination</i> , 2018, 433, 89-93.	4.0	71
3	Interactions of metal ions sorbed on chitosan beads. <i>Desalination</i> , 2008, 218, 281-286.	4.0	32
4	Application of ANN and EA for description of metal ions sorption on chitosan foamed structure – Equilibrium and dynamics of packed column. <i>Computers and Chemical Engineering</i> , 2011, 35, 226-235.	2.0	23
5	AN INTEGRATED NEURAL MODEL FOR DRYING AND THERMAL DEGRADATION OF SELECTED PRODUCTS. <i>Drying Technology</i> , 1999, 17, 1291-1301.	1.7	13
6	DEGRADATION OF ASCORBIC ACID IN DRYING PROCESS -A COMPARISON OF DESCRIPTION METHODS. <i>Drying Technology</i> , 2000, 18, 777-790.	1.7	12
7	Estimation of the Effect of Shape and Temperature on Drying Kinetics Using MLP. <i>Drying Technology</i> , 2004, 22, 191-200.	1.7	11
8	Fractional Derivatives for Description of Sorption Kinetics in the Plant Sorbent - Metal Ions System. <i>Ecological Chemistry and Engineering S</i> , 2013, 20, 499-506.	0.3	10
9	Application of genetic algorithms to determine heavy metal ions sorption dynamics on clinoptilolite bed. <i>Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa</i> , 2012, 33, 103-116.	0.7	9
10	Waste Plant Material as a Potential Adsorbent of a Selected Azo Dye. <i>Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa</i> , 2017, 38, 283-294.	0.7	9
11	Application of ANN to the Sorption Equilibrium Modelling of Heavy Metal Ions on Clinoptilolite. <i>Ecological Chemistry and Engineering S</i> , 2012, 19, 227-237.	0.3	7
12	Adsorption dynamics studies of azo dyes removal by biosorbent. <i>Desalination and Water Treatment</i> , 2015, 55, 2669-2674.	1.0	7
13	Example of sewerage system rehabilitation using trenchless technology. <i>Ecological Chemistry and Engineering S</i> , 2017, 24, 405-416.	0.3	7
14	Water Purification from Heavy Metal Ions in a Packed Column. <i>Separation Science and Technology</i> , 2013, 48, 2270-2276.	1.3	6
15	Description of Water Sorption Isotherms of Natural and Degradable Polymers Using BET and DA Equations. <i>Drying Technology</i> , 2009, 27, 1286-1291.	1.7	5
16	Sorption Equilibrium of Azo Dyes Direct Orange 26 and Reactive Blue 81 onto a Cheap Plant Sorbent/ Równowaga Sorpcji Barwników Azowych Direct Orange 26 i Reactive Blue 81 Na Tanim Sorbencie Roślinnym. <i>Ecological Chemistry and Engineering S</i> , 2014, 21, 435-445.	0.3	5
17	Description of sorption kinetics of azo dye onto birch chips by means of fractional derivatives. <i>Desalination and Water Treatment</i> , 2016, 57, 22774-22778.	1.0	5
18	Kinetics of azo dyes sorption onto low-cost sorbents. <i>Desalination and Water Treatment</i> , 2015, 55, 2675-2679.	1.0	4

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19	Sorption dynamics of Direct Orange 26 dye onto a corncob plant sorbent. <i>Ecological Chemistry and Engineering S</i> , 2016, 23, 175-185.	0.3	4
20	Dynamics modeling of multicomponent metal ionsâ€™ removal onto low-cost buckwheat hulls. <i>Environmental Science and Pollution Research</i> , 2020, 28, 46504-46513.	2.7	3
21	Preparation and permeability of PVDF membranes functionalized with graphene oxide. , 2018, 128, 20-26.		3
22	Characteristics of Polymeric Ultrafiltration Membranes Produced with the Use of Graphene Oxide. <i>Ecological Chemistry and Engineering S</i> , 2018, 25, 419-429.	0.3	3
23	Adsorption of azo dyes onto a corncob in packed column at the constant velocity of front propagation. <i>Desalination and Water Treatment</i> , 2016, 57, 22788-22793.	1.0	2
24	Simultaneous Adsorption of Phenol Derivatives from Water Onto Spherical Activated Carbon. <i>Ecological Chemistry and Engineering S</i> , 2020, 27, 403-413.	0.3	2
25	Effect of Thermal Processing and Addition of Carriers on Water Sorption Isotherms in Baker's Yeast. <i>Drying Technology</i> , 1996, 14, 245-258.	1.7	1
26	Pilot Tests and Fouling Identification in the Ultrafiltration of Model Oily and Saline Wastewaters. <i>Ecological Chemistry and Engineering S</i> , 2019, 26, 493-507.	0.3	1
27	Pervaporation as an Alternative Desalination Method. <i>Environmental Science and Engineering</i> , 2021, , 201-205.	0.1	0
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