

Krzysztof Mitko

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

383
citations

932766

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31
all docs

31
docs citations

31
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects for high water recovery membrane desalination. <i>Desalination</i> , 2017, 401, 180-189.	4.0	75
2	Hybrid pectin-based biosorbents for zinc ions removal. <i>Carbohydrate Polymers</i> , 2017, 169, 213-219.	5.1	42
3	Energy Consumption and Gypsum Scaling Assessment in a Hybrid Nanofiltrationâ€Reverse Osmosisâ€Electrodialysis system. <i>Chemical Engineering and Technology</i> , 2018, 41, 392-400.	0.9	26
4	Sorption studies of heavy metal ions on pectin-nano-titanium dioxide composite adsorbent. <i>Separation Science and Technology</i> , 2018, 53, 1034-1044.	1.3	21
5	Use of the desalination brines in the saturation of membrane electrolysis feed. <i>Desalination and Water Treatment</i> , 2013, 51, 2749-2754.	1.0	19
6	Preparation of Pectin-Based Biosorbents for Cadmium and Lead Ions Removal. <i>Separation Science and Technology</i> , 2014, 49, 1679-1688.	1.3	16
7	Scaling prediction in electro dialytic desalination. <i>Desalination and Water Treatment</i> , 2012, 44, 255-260.	1.0	14
8	Concentration distribution along the electro dialyzer. <i>Desalination</i> , 2014, 341, 94-100.	4.0	14
9	Pilot studies on circular economy solution for the coal mining sector. <i>Water Resources and Industry</i> , 2021, 26, 100161.	1.9	14
10	Electrodialytic separation of boric and hydrochloric acids. <i>Desalination</i> , 2014, 342, 29-34.	4.0	12
11	Zinc Sorption Studies on Pectin-Based Biosorbents. <i>Materials</i> , 2017, 10, 844.	1.3	10
12	Sorption studies of cadmium and lead ions on hybrid polysaccharide biosorbents. <i>Separation Science and Technology</i> , 2018, 53, 1132-1141.	1.3	10
13	Electrodialysis of coal mine water. <i>Water Resources and Industry</i> , 2021, 25, 100143.	1.9	10
14	Assessing the environmental performance of a novel coal mine brine treatment technique: A case in Poland. <i>Journal of Cleaner Production</i> , 2022, 358, 131973.	4.6	10
15	Zinc Sorption on Modified Waste Poly(methyl methacrylate). <i>Materials</i> , 2017, 10, 755.	1.3	9
16	The Use of Lanthanum Ions and Chitosan for Boron Elimination from Aqueous Solutions. <i>Polymers</i> , 2019, 11, 718.	2.0	9
17	Ultra-pure water production by integrated electro dialysis-ion exchange/electrodeionization. <i>Membrane Water Treatment</i> , 2013, 4, 237-249.	0.5	9
18	Application of nanofiltration and electro dialysis for improved performance of a salt production plant. , 0, 64, 244-250.		8

#	ARTICLE	IF	CITATIONS
19	Residence time distribution of the electrodialyzer under electric field conditions. Desalination, 2014, 342, 139-147.	4.0	7
20	Scaling Risk Assessment in Nanofiltration of Mine Waters. Membranes, 2020, 10, 288.	1.4	7
21	Concentration of mine saline water in high-efficiency hybrid RO-NF system. , 0, 128, 414-420.		7
22	Zinc Ion Removal on Hybrid Pectin-Based Beads Containing Modified Poly(Methyl Methacrylate) Waste. Molecules, 2017, 22, 2274.	1.7	6
23	Membrane-Based Solutions for the Polish Coal Mining Industry. Membranes, 2021, 11, 638.	1.4	6
24	A concept of hydraulic fracturing flowback treatment using electrodialysis reversal. , 0, 64, 228-232.		5
25	Electrodialytic utilization of coal mine brines. , 0, 75, 363-367.		5
26	Comments on the "Electrodialysis aided desalination of crude glycerol in the production of biodiesel from oil feed stock"™. Desalination, 2016, 384, 78-80.	4.0	3
27	Innovations in electromembrane processes. Copernican Letters, 0, 6, 34.	0.0	3
28	Valorization of coal mine effluents " Challenges and economic opportunities. Water Resources and Industry, 2022, 28, 100179.	1.9	3
29	Application of Waste Glycerol as a Draw Solution for Forward Osmosis. Membranes, 2022, 12, 44.	1.4	2
30	The required membrane length in electrodialytic desalination of river water. , 0, 128, 272-277.		1
31	Electrodialytic concentration of NaCl for the chlor-alkali industry. Desalination and Water Treatment, 0, , 1-7.	1.0	0