

Szabolcs Kertész

List of Publications by Year in descending order

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papers

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566801

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49
all docs

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docs citations

49
times ranked

622
citing authors

#	ARTICLE	IF	CITATIONS
1	Pomegranate peel as a new low-cost adsorbent for ammonium removal. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 711-722.	1.8	22
2	Titanium dioxide doped hydroxyapatite incorporated photocatalytic membranes for the degradation of chloramphenicol antibiotic in water. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1057-1066.	1.6	29
3	Comparison of filtering models for milk substitutes. <i>Journal of Food Science and Technology</i> , 2021, 58, 4429-4436.	1.4	5
4	Effect of vibration on the efficiency of ultrafiltration. <i>Analecta Technica Szegedinensia</i> , 2021, 15, 37-44.	0.2	4
5	Recent development of photocatalytic nanomaterials in mixed matrix membrane for emerging pollutants and fouling control, membrane cleaning process. <i>Chemosphere</i> , 2021, 281, 130891.	4.2	41
6	Iron-Loaded Pomegranate Peel as a Bio-Adsorbent for Phosphate Removal. <i>Water (Switzerland)</i> , 2021, 13, 2709.	1.2	3
7	Effects of Pre-ozonation on Membrane Filtration of Oil-in-water Emulsions Using Different Polymeric (PES, PAN, PTFE) Ultrafilter Membranes. <i>Ozone: Science and Engineering</i> , 2020, 42, 230-243.	1.4	5
8	Investigation of the applicability of TiO_2 , BiVO_4 , and WO_3 nanomaterials for advanced photocatalytic membranes used for oil-in-water emulsion separation. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2549.	0.8	14
9	The Adsorption of Ammonium Nitrogen from Milking Parlor Wastewater Using Pomegranate Peel Powder for Sustainable Water, Resources, and Waste Management. <i>Sustainability</i> , 2020, 12, 4880.	1.6	13
10	The effect of sonication and stirring on ultrafiltration of fermentation broth. <i>Environmental Protection Engineering</i> , 2020, 46, .	0.1	1
11	Emulsion stabilizing capacity of sugar beet fibers compared to sugar beet pectin and octenyl succinate modified maltodextrin in the production of O/W emulsions: individual and combined impact. <i>LWT - Food Science and Technology</i> , 2019, 108, 392-399.	2.5	20
12	Advantages of TiO_2 /carbon nanotube modified photocatalytic membranes in the purification of oil-in-water emulsions. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1167-1174.	1.0	18
13	Life cycle assessment of liquid inverted sugar and high-fructose corn syrup. <i>Analecta Technica Szegedinensia</i> , 2019, 13, 28-39.	0.2	2
14	Changes in the legal and support background of woody energy plantations. <i>Analecta Technica Szegedinensia</i> , 2019, 13, 72-81.	0.2	0
15	Matrix effect in case of purification of oily waters by membrane separation combined with pre-ozonation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34976-34984.	2.7	8
16	Fouling mitigation and cleanability of TiO_2 photocatalyst-modified PVDF membranes during ultrafiltration of model oily wastewater with different salt contents. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34912-34921.	2.7	21
17	Investigation of surface and filtration properties of TiO_2 coated ultrafiltration polyacrylonitrile membranes. <i>Water Science and Technology</i> , 2018, 77, 931-938.	1.2	6
18	Vibratory membrane separation for wastewater treatment. <i>Progress in Agricultural Engineering Sciences</i> , 2018, 14, 25-35.	0.5	0

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19	Sonicated membrane separation. Progress in Agricultural Engineering Sciences, 2018, 14, 89-99.	0.5	0
20	Investigation of Titanium-Dioxide Coatings on Membrane Filtration Properties. Studia Universitatis Babes-Bolyai Chemia, 2017, 62, 249-259.	0.1	3
21	Highly Efficient Purification of Finely Dispersed Oil Contaminated Waters by Coagulation/Flocculation Method and Effects on Membrane Filtration. Studia Universitatis Babes-Bolyai Chemia, 2017, 62, 259-270.	0.1	2
22	Ultrasound membrane hybrid processes for dairy wastewater treatment: pilot-scale analysis. Desalination and Water Treatment, 2016, 57, 23335-23342.	1.0	4
23	Investigation of module vibration in ultrafiltration. Desalination and Water Treatment, 2015, 55, 2836-2842.	1.0	4
24	Whey separation using TiO ₂ -modified ultrafiltration membrane. Acta Alimentaria, 2014, 43, 78-84.	0.3	1
25	Submerged hollow fiber microfiltration as a part of hybrid photocatalytic process for dye wastewater treatment. Desalination, 2014, 343, 106-112.	4.0	88
26	Industrial dairy wastewater purification by shear-enhanced membrane filtration: The effects of vibration. Membrane Water Treatment, 2014, 5, 73-86.	0.5	3
27	Treatment of waste thermal waters by ozonation and nanofiltration. Water Science and Technology, 2013, 67, 1272-1279.	1.2	3
28	Investigation of parameters affecting the ultrafiltration of oil-in-water emulsion wastewater. Desalination and Water Treatment, 2013, 51, 4914-4920.	1.0	7
29	Modeling of membrane separation and applying combined operations at biosystems. Progress in Agricultural Engineering Sciences, 2013, 9, 3-25.	0.5	5
30	Dairy wastewater purification by vibratory shear enhanced processing. Desalination and Water Treatment, 2011, 35, 195-201.	1.0	14
31	Comparison between stirred and vibrated UF modules. Desalination and Water Treatment, 2010, 14, 239-245.	1.0	2
32	Nanofiltration and reverse osmosis of pig manure: Comparison of results from vibratory and classical modules. Desalination and Water Treatment, 2010, 14, 233-238.	1.0	21
33	The hydrodynamic effect of microparticles on membrane resistance. Desalination and Water Treatment, 2010, 14, 227-232.	1.0	1
34	Investigation of vibratory shear-enhanced processing system. Progress in Agricultural Engineering Sciences, 2009, 5, 97-110.	0.5	4
35	Biogas Production of Ozone and/or Microwave-Pretreated Canned Maize Production Sludge. Ozone: Science and Engineering, 2009, 31, 257-261.	1.4	20
36	Effect of preozonation on the filterability of model dairy waste water in nanofiltration. Desalination, 2009, 240, 170-177.	4.0	25

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37	Concentration of marc extracts by membrane techniques. Desalination, 2009, 241, 265-271.	4.0	6
38	Concentration of blackcurrant juice by reverse osmosis. Desalination, 2009, 241, 256-264.	4.0	28
39	A statistical experimental design for the separation of zinc from aqueous solutions containing sodium chloride and n-butanol by Micellar-enhanced ultrafiltration. Desalination and Water Treatment, 2009, 9, 221-228.	1.0	4
40	Comparison of 3DTA and VSEP systems during the ultrafiltration of sweet whey. Desalination and Water Treatment, 2009, 10, 265-271.	1.0	7
41	Analysis of nanofiltration parameters of removal of an anionic detergent. Desalination, 2008, 221, 303-311.	4.0	22
42	Comparison of the Effects of Ozone, UV and Combined Ozone/UV Treatment on the Color and Microbial Counts of Wheat Flour. Ozone: Science and Engineering, 2008, 30, 413-417.	1.4	23
43	Dairy Waste Water Treatment by Combining Ozonation and Nanofiltration. Separation Science and Technology, 2007, 42, 1627-1637.	1.3	19
44	Thermophilic biotrickling filtration of a mixture of isobutyraldehyde and 2-pentanone. Journal of Chemical Technology and Biotechnology, 2007, 82, 74-80.	1.6	27
45	Effects of shear rate on membrane filtration. , 0, 69, 43-49.		1
46	Effects of pre-ozonation in case of microfiltration of oil contaminated waters using polyethersulfone membrane at various filtration conditions. , 0, 73, 409-414.		6
47	Membrane fouling control by means of TiO ₂ coating during model dairy wastewater filtration. , 0, 73, 415-421.		2
48	Filtration of BSA through TiO ₂ photocatalyst modified PVDF membranes. , 0, 192, 392-399.		3
49	Advanced extraction and separation approaches for the recovery of dietary flavonoids from plant biomass: A review. Biomass Conversion and Biorefinery, 0, , 1.	2.9	4