Cecilia HodÃºr

List of Publications by Year
in descending order

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40	477	687220 13	713332 21
papers	citations	h-index	g-index

40	40	40	641
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microwave-Assisted Extraction of Anthocyanins from Black Currant Marc. Food and Bioprocess Technology, 2013, 6, 2666-2674.	2.6	50
2	Photocatalytic membrane filtration and its advantages over conventional approaches in the treatment of oily wastewater: A review. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2533.	0.8	48
3	Effect of Ultrafiltration on Anthocyanin and Flavonol Content of Black Currant Juice (Ribes nigrum) Tj ETQq1 1 0.784314 rgBT /Overlo	2.6	43
4	Berry Pectins: Microwave-Assisted Extraction and Rheological Properties. Food and Bioprocess Technology, 2012, 5, 1100-1105.	2.6	41
5	Intensification of the ultrafiltration of real oil-contaminated (produced) water with pre-ozonation and/or with TiO2, TiO2/CNT nanomaterial-coated membrane surfaces. Environmental Science and Pollution Research, 2020, 27, 22195-22205.	2.7	28
6	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
7	Experimental Investigation of the Sweet Whey Concentration by Nanofiltration. Food and Bioprocess Technology, 2011, 4, 702-709.	2.6	22
8	Fouling mitigation and cleanability of TiO2 photocatalyst-modified PVDF membranes during ultrafiltration of model oily wastewater with different salt contents. Environmental Science and Pollution Research, 2018, 25, 34912-34921.	2.7	21
9	Biogas Production of Ozone and/or Microwave-Pretreated Canned Maize Production Sludge. Ozone: Science and Engineering, 2009, 31, 257-261.	1.4	20
10	Treatment of oily wastewater by combining ozonation and microfiltration. Desalination and Water Treatment, 2015, 55, 3662-3669.	1.0	19
11	Effects of microwave pretreatments on the anaerobic digestion of food industrial sewage sludge. Environmental Progress and Sustainable Energy, 2011, 30, 486-492.	1.3	18
12	Dairy wastewater purification by vibratory shear enhanced processing. Desalination and Water Treatment, 2011, 35, 195-201.	1.0	14
13	Investigation of the applicability of TiO₂, BiVO₄, and WO₃ nanomaterials for advanced photocatalytic membranes used for oilâ€inâ€water emulsion separation. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2549.	0.8	14
14	The Adsorption of Ammonium Nitrogen from Milking Parlor Wastewater Using Pomegranate Peel Powder for Sustainable Water, Resources, and Waste Management. Sustainability, 2020, 12, 4880.	1.6	13
15	Ultrasonically Assisted Ultrafiltration of Whey Solution. Journal of Food Process Engineering, 2015, 38, 467-473.	1.5	10
16	Application of dielectric constant measurement in microwave sludge disintegration and wastewater purification processes. Water Science and Technology, 2018, 77, 2284-2291.	1.2	8
17	Matrix effect in case of purification of oily waters by membrane separation combined with pre-ozonation. Environmental Science and Pollution Research, 2018, 25, 34976-34984.	2.7	8
18	Comparison of 3DTA and VSEP systems during the ultrafiltration of sweet whey. Desalination and Water Treatment, 2009, 10, 265-271.	1.0	7

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19	Investigation of parameters affecting the ultrafiltration of oil-in-water emulsion wastewater. Desalination and Water Treatment, 2013, 51, 4914-4920.	1.0	7
20	Sustainable Water Use Considering Three Hungarian Dairy Farms. Sustainability, 2020, 12, 3145.	1.6	6
21	Microwave and Ultrasound Based Methods in Sludge Treatment: A Review. Applied Sciences (Switzerland), 2021, 11, 7067.	1.3	6
22	Monitoring the Process of Anaerobic Digestion of Native and Microwave Pre-Treated Sludge by Dielectric and Rheological Measurements. Water (Switzerland), 2022, 14, 1294.	1.2	6
23	Detection of the efficiency of microwaveâ€“oxidation process for meat industry wastewater by dielectric measurement. Water Science and Technology, 2018, 78, 2141-2148.	1.2	5
24	Effects of Pre-ozonation on Membrane Filtration of Oil-in-water Emulsions Using Different Polymeric (PES, PAN, PTFE) Ultrafilter Membranes. Ozone: Science and Engineering, 2020, 42, 230-243.	1.4	5
25	Comparison of filtering models for milk substitutes. Journal of Food Science and Technology, 2021, 58, 4429-4436.	1.4	5
26	Enzyme recovery and fouling mitigation by ultrasound-enhanced ultrafiltration. Desalination and Water Treatment, 2013, 51, 4921-4926.	1.0	4
27	Investigation of module vibration in ultrafiltration. Desalination and Water Treatment, 2015, 55, 2836-2842.	1.0	4
28	Ultrasound membrane hybrid processes for dairy wastewater treatment: pilot-scale analysis. Desalination and Water Treatment, 2016, 57, 23335-23342.	1.0	4
29	Effect of vibration on the efficiency of ultrafiltration. Analecta Technica Szegedinensia, 2021, 15, 37-44.	0.2	4
30	Statistical Analysis of Synthesis Parameters to Fabricate PVDF/PVP/TiO2 Membranes via Phase-Inversion with Enhanced Filtration Performance and Photocatalytic Properties. Polymers, 2022, 14, 113.	2.0	4
31	Treatment of model oily produced water by combined pre-ozonationâ€“microfiltration process. Desalination and Water Treatment, 2016, 57, 23225-23231.	1.0	3
32	Iron-Loaded Pomegranate Peel as a Bio-Adsorbent for Phosphate Removal. Water (Switzerland), 2021, 13, 2709.	1.2	3
33	Enhanced biodegradability of dairy sludge by microwave assisted alkaline and acidic pre-treatments. Review on Agriculture and Rural Development, 2020, 7, 92-97.	0.1	2
34	The hydrodynamic effect of microparticles on membrane resistance. Desalination and Water Treatment, 2010, 14, 227-232.	1.0	1
35	Blue and gray water footprint of some Hungarian milking parlors. Water Practice and Technology, 2022, 17, 1378-1389.	1.0	1
36	Membrane separation and sonication in bio-ethanol production. Desalination and Water Treatment, 2015, 55, 3725-3730.	1.0	0

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37	Vibratory membrane separation for wastewater treatment. Progress in Agricultural Engineering Sciences, 2018, 14, 25-35.	0.5	0
38	EFFECTS OF OZONATION ON THE ULTRAFILTRATION OF MEAT INDUSTRY WASTEWATER. Environmental Engineering and Management Journal, 2018, 17, 267-272.	0.2	0
39	Detection of biodegradation degree of sludge using dielectric measurement. Review on Agriculture and Rural Development, 2017, 6, 108-112.	0.1	0
40	Detection of efficiency of microwave-enhanced sludge treatments by dielectric measurements. Analecta Technica Szegedinensia, 2021, 15, 53-57.	0.2	0