

Kacper Szymański

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

562
citations

840776

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h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

703
citing authors

#	ARTICLE	IF	CITATIONS
1	C-,N- and S-Doped TiO ₂ Photocatalysts: A Review. <i>Catalysts</i> , 2021, 11, 144.	3.5	148
2	Humic acids removal in a photocatalytic membrane reactor with a ceramic UF membrane. <i>Chemical Engineering Journal</i> , 2016, 305, 19-27.	12.7	71
3	Overview of Photocatalytic Membrane Reactors in Organic Synthesis, Energy Storage and Environmental Applications. <i>Catalysts</i> , 2019, 9, 239.	3.5	57
4	Performance of two photocatalytic membrane reactors for treatment of primary and secondary effluents. <i>Catalysis Today</i> , 2014, 236, 135-145.	4.4	48
5	Effectiveness of treatment of secondary effluent from a municipal wastewater treatment plant in a photocatalytic membrane reactor and hybrid UV/H ₂ O ₂ " ultrafiltration system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 125, 318-324.	3.6	47
6	Effect of process parameters on fouling and stability of MF/UF TiO ₂ membranes in a photocatalytic membrane reactor. <i>Separation and Purification Technology</i> , 2015, 142, 137-148.	7.9	45
7	Performance of hybrid systems coupling advanced oxidation processes and ultrafiltration for oxytetracycline removal. <i>Catalysis Today</i> , 2019, 328, 274-280.	4.4	31
8	Influence of Preparation Procedure on Physicochemical and Antibacterial Properties of Titanate Nanotubes Modified with Silver. <i>Nanomaterials</i> , 2019, 9, 795.	4.1	21
9	Influence of Ag/titanate nanotubes on physicochemical, antifouling and antimicrobial properties of mixed matrix polyethersulfone ultrafiltration membranes. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2497-2511.	3.2	14
10	Novel polyethersulfone ultrafiltration membranes modified with Cu/titanate nanotubes. <i>Journal of Water Process Engineering</i> , 2020, 33, 101098.	5.6	12
11	Treatment of laundry wastewater by solar photo-Fenton process at pilot plant scale. <i>Environmental Science and Pollution Research</i> , 2021, 28, 8576-8584.	5.3	12
12	A new submerged photocatalytic membrane reactor based on membrane distillation for ketoprofen removal from various aqueous matrices. <i>Chemical Engineering Journal</i> , 2022, 435, 134872.	12.7	11
13	Effect of copper salts on the characteristics and antibacterial activity of Cu-modified titanate nanotubes. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104550.	6.7	9
14	Surface water treatment in hybrid systems coupling advanced oxidation processes and ultrafiltration using ceramic membrane. , 0, 64, 302-306.		9
15	Hybrid System Coupling Moving Bed Bioreactor with UV/O ₃ Oxidation and Membrane Separation Units for Treatment of Industrial Laundry Wastewater. <i>Materials</i> , 2020, 13, 2648.	2.9	7
16	Photocatalytic membrane reactors for wastewater treatment. , 2020, , 83-116.		7
17	Polyethersulfone ultrafiltration membranes modified with hybrid Ag/titanate nanotubes: physicochemical characteristics, antimicrobial properties and fouling resistance. , 0, 128, 106-118.		6
18	Influence of Polymer Solvents on the Properties of Halloysite-Modified Polyethersulfone Membranes Prepared by Wet Phase Inversion. <i>Molecules</i> , 2021, 26, 2768.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Influence of the procedure of casting solution preparation on the antimicrobial properties of polyethersulfone membranes modified with titanate nanotubes. , 0, 214, 273-285.		1
20	Investigations on ultrafiltration polyethersulfone membranes modified with titanate nanotubes of various characteristics. , 0, 214, 302-311.		1
21	Investigation on polyethersulfone membranes modified with Fe ₃ O ₄ " trisodium citrate nanoparticles. , 0, 128, 265-271.		0