

# Marcin Lemanowicz

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

255  
citations

933264

10  
h-index

940416

16  
g-index

30  
all docs

30  
docs citations

30  
times ranked

268  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Hydrodynamic Conditions on Precipitation Kinetics of Barium Sulfate in a Multifunctional Reactor. <i>Processes</i> , 2022, 10, 146.	1.3	0
2	Cenospheres-Reinforced PA-12 Composite: Preparation, Physicochemical Properties, and Soaking Tests. <i>Polymers</i> , 2022, 14, 2332.	2.0	3
3	Application of Polymers as a Tool in Crystallization – A Review. <i>Polymers</i> , 2021, 13, 2695.	2.0	11
4	Upper Critical Solution Temperature Polymer Phase Transition as a Tool for the Control of Inorganic Salt Crystallization Process. <i>Materials</i> , 2021, 14, 5373.	1.3	1
5	Development of Unmanned Cargo VTOL Aircraft. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 31-42.	0.5	0
6	Temperature and pH-Dependent Response of Poly(Acrylic Acid) and Poly(Acrylic Acid-co-Methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	2.0	7
7	Development of an Unmanned Vertical Take-Off and Landing Aircraft for Medical Express UAV Challenge. , 2018, , ,		1
8	Construction Prototyping, Flight Dynamics Modeling, and Aerodynamic Analysis of Hybrid VTOL Unmanned Aircraft. <i>Journal of Advanced Transportation</i> , 2018, 2018, 1-15.	0.9	34
9	Suspension stability control using light-sensitive polymers. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 131, 144-149.	1.8	1
10	Impact of roughness, wettability and hydrodynamic conditions on the incrustation on stainless steel surfaces. <i>Applied Thermal Engineering</i> , 2017, 112, 352-361.	3.0	20
11	Flocculation of flotation tailings using thermosensitive polymers. <i>Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa</i> , 2017, 38, 379-392.	0.7	1
12	Densimetric method for determination of potassium sulphate aqueous solutions saturation point Densymetryczna metoda wyznaczania punktu nasycenia wodnych roztworów siarczanu(VI) potasu. <i>Przemysł Chemiczny</i> , 2017, 1, 212-213.	0.0	0
13	Stability of green tea nanoscale zero-valent iron. <i>E3S Web of Conferences</i> , 2016, 8, 01048.	0.2	4
14	A Simple Densimetric Method to Determine Saturation Temperature of Aqueous Potassium Chloride Solution. <i>Journal of Solution Chemistry</i> , 2016, 45, 1071-1076.	0.6	4
15	Application of thermosensitive polymers in stabilization of colloids. <i>Advanced Powder Technology</i> , 2016, 27, 471-480.	2.0	5
16	Review of stimuli-responsive polymers application as stabilization agents in solid-liquid dispersion systems. <i>Polimery</i> , 2016, 61, 92-97.	0.4	7
17	Investigations on heat and momentum transfer in CuO-water nanofluid. <i>Archives of Thermodynamics</i> , 2015, 36, 49-59.	1.0	1
18	Impact of the heating rate on the thermosensitive aggregation: Experimental results and mathematical model. <i>Chemical Engineering Research and Design</i> , 2015, 98, 168-178.	2.7	2

#	ARTICLE	IF	CITATIONS
19	Thermosensitive aggregation under conditions of repeated heating&quot;cooling cycles. International Journal of Mineral Processing, 2015, 144, 26-32.	2.6	5
20	Application of computer aided tools and methods for unmanned cargo aircraft design. , 2015, , .		1
21	A novel method for simultaneous determination of selected elements in dolomite and magnesite by Inductively Coupled Plasma Atomic Emission Spectroscopy with slurry sample introduction. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2015, 113, 79-83.	1.5	5
22	Determination of Lower Critical Solution Temperature of thermosensitive flocculants. Minerals Engineering, 2014, 69, 170-176.	1.8	16
23	Influence of Nonionic Surfactant Addition on Drag Reduction of Water Based Nanofluid in a Small Diameter Pipe. Chinese Journal of Chemical Engineering, 2013, 21, 104-108.	1.7	24
24	Effect of flocculant sonication on floc growth kinetics occurring in an agitated vessel. Chemical Engineering and Processing: Process Intensification, 2012, 60, 49-54.	1.8	8
25	Impact of heating method on the flocculation process using thermosensitive polymer. Water Research, 2012, 46, 4091-4098.	5.3	11
26	Employment of polymer degradation models in population balance equations describing flocculation with sonicated polymers. International Journal of Mineral Processing, 2012, 104-105, 1-10.	2.6	7
27	Ultra-fine coal flocculation using dual-polymer systems of ultrasonically conditioned and unmodified flocculant. Chemical Engineering Journal, 2011, 168, 159-169.	6.6	35
28	Dual-polymer flocculation with unmodified and ultrasonically conditioned flocculant. Chemical Engineering and Processing: Process Intensification, 2011, 50, 128-138.	1.8	12
29	Temperature-controlled particle size distribution of chalk suspension utilizing a thermosensitive polymer. Powder Technology, 2010, 201, 1-6.	2.1	19
30	Influence of ultrasonic conditioning of flocculant on the aggregation process in a tank with turbine mixer. Chemical Engineering and Processing: Process Intensification, 2010, 49, 205-211.	1.8	10