

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

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all docs

30
docs citations

30
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultra-fine coal flocculation using dual-polymer systems of ultrasonically conditioned and unmodified flocculant. <i>Chemical Engineering Journal</i> , 2011, 168, 159-169.	6.6	35
2	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
3	Influence of Nonionic Surfactant Addition on Drag Reduction of Water Based Nanofluid in a Small Diameter Pipe. <i>Chinese Journal of Chemical Engineering</i> , 2013, 21, 104-108.	1.7	24
4	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
5	Temperature-controlled particle size distribution of chalk suspension utilizing a thermosensitive polymer. <i>Powder Technology</i> , 2010, 201, 1-6.	2.1	19
6	Determination of Lower Critical Solution Temperature of thermosensitive flocculants. <i>Minerals Engineering</i> , 2014, 69, 170-176.	1.8	16
7	Dual-polymer flocculation with unmodified and ultrasonically conditioned flocculant. <i>Chemical Engineering and Processing: Process Intensification</i> , 2011, 50, 128-138.	1.8	12
8	Impact of heating method on the flocculation process using thermosensitive polymer. <i>Water Research</i> , 2012, 46, 4091-4098.	5.3	11
9	Application of Polymers as a Tool in Crystallization – A Review. <i>Polymers</i> , 2021, 13, 2695.	2.0	11
10	Influence of ultrasonic conditioning of flocculant on the aggregation process in a tank with turbine mixer. <i>Chemical Engineering and Processing: Process Intensification</i> , 2010, 49, 205-211.	1.8	10
11	Effect of flocculant sonication on floc growth kinetics occurring in an agitated vessel. <i>Chemical Engineering and Processing: Process Intensification</i> , 2012, 60, 49-54.	1.8	8
12	Employment of polymer degradation models in population balance equations describing flocculation with sonicated polymers. <i>International Journal of Mineral Processing</i> , 2012, 104-105, 1-10.	2.6	7
13	Temperature and pH-Dependent Response of Poly(Acrylic Acid) and Poly(Acrylic Acid-co-Methyl) Tj ETQq1 1 0.784314 rgBT / Qverlock	2.0	7
14	Review of stimuli-responsive polymers application as stabilization agents in solid-liquid dispersion systems. <i>Polimery</i> , 2016, 61, 92-97.	0.4	7
15	Thermosensitive aggregation under conditions of repeated heating – cooling cycles. <i>International Journal of Mineral Processing</i> , 2015, 144, 26-32.	2.6	5
16	A novel method for simultaneous determination of selected elements in dolomite and magnesite by Inductively Coupled Plasma Atomic Emission Spectroscopy with slurry sample introduction. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 113, 79-83.	1.5	5
17	Application of thermosensitive polymers in stabilization of colloids. <i>Advanced Powder Technology</i> , 2016, 27, 471-480.	2.0	5
18	Stability of green tea nanoscale zero-valent iron. <i>E3S Web of Conferences</i> , 2016, 8, 01048.	0.2	4

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19	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
20	Cenospheres-Reinforced PA-12 Composite: Preparation, Physicochemical Properties, and Soaking Tests. <i>Polymers</i> , 2022, 14, 2332.	2.0	3
21	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
22	Investigations on heat and momentum transfer in CuO-water nanofluid. <i>Archives of Thermodynamics</i> , 2015, 36, 49-59.	1.0	1
23	Application of computer aided tools and methods for unmanned cargo aircraft design. , 2015, , .		1
24	Flocculation of flotation tailings using thermosensitive polymers. <i>Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa</i> , 2017, 38, 379-392.	0.7	1
25	Development of an Unmanned Vertical Take-Off and Landing Aircraft for Medical Express UAV Challenge. , 2018, , .		1
26	Suspension stability control using light-sensitive polymers. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 131, 144-149.	1.8	1
27	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
28	Development of Unmanned Cargo VTOL Aircraft. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 31-42.	0.5	0
29	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
30	Influence of Hydrodynamic Conditions on Precipitation Kinetics of Barium Sulfate in a Multifunctional Reactor. <i>Processes</i> , 2022, 10, 146.	1.3	0