

Mirosław Grzesik

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

413
citations

1162367

8
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	Pasting and rheological properties of oat starch and its derivatives. Carbohydrate Polymers, 2011, 83, 665-671.	5.1	100
2	Viscoelastic properties of waxy maize starch and selected non-starch hydrocolloids gels. Carbohydrate Polymers, 2009, 76, 567-577.	5.1	62
3	Thermodynamics and kinetics of low pressure methanol synthesis. The Chemical Engineering Journal and the Biochemical Engineering Journal, 1995, 58, 101-108.	0.1	45
4	Viscoelastic properties of maize starch and guar gum gels. Journal of Food Engineering, 2007, 82, 227-237.	2.7	44
5	The role of hydrocolloids in mechanical properties of fresh foams based on egg white proteins. Journal of Food Engineering, 2014, 121, 128-134.	2.7	44
6	Carboxymethylcellulose/polyaniline blends. Synthesis and properties. Polymer Bulletin, 2007, 58, 281-288.	1.7	17
7	Characteristics of Polyaniline Cobalt Supported Catalysts for Epoxidation Reactions. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	17
8	Candied Orange Peel Produced in Solutions with Various Sugar Compositions: Sugar Composition and Sorption Properties of the Product. Journal of Food Process Engineering, 2017, 40, e12367.	1.5	11
9	The Effect of the Catalyst Used on the Kinetics of Di-2-Ethylhexyl Maleate Synthesis. Reaction Kinetics and Catalysis Letters, 2000, 71, 13-18.	0.6	9
10	State diagrams of candied orange peel obtained using different hypertonic solutions. Journal of Food Engineering, 2017, 212, 234-241.	2.7	8
11	Time-on-stream catalyst decay behaviour in a fixed-bed catalytic reactor under the influence of intraparticle diffusion: intraparticle diffusion affects only catalytic reactions. Chemical Engineering Science, 1992, 47, 4049-4055.	1.9	7
12	Kinetics of the synthesis of propyl and butyl acrylates in the presence of some heteropolyacids as catalysts. International Journal of Chemical Kinetics, 2009, 41, 12-17.	1.0	7
13	The effect of structural properties on rheological behaviour of starches in binary dimethyl sulfoxide-water solutions. PLoS ONE, 2017, 12, e0171109.	1.1	7
14	Enhancement of heterogeneous autocatalytic reactions by external diffusion. Chemical Engineering Science, 1993, 48, 2469-2478.	1.9	6
15	Title is missing!. Reaction Kinetics and Catalysis Letters, 2003, 78, 349-351.	0.6	6
16	Enhancement of heterogeneous autocatalytic reactions by intraparticle diffusion. Chemical Engineering Science, 1993, 48, 2463-2467.	1.9	5
17	The catalyst decay behaviour in fluidized-bed reactors using the time on stream theory. Chemical Engineering Science, 1990, 45, 267-273.	1.9	4
18	Time-on-stream catalyst decay behaviour in fluidized-bed catalytic reactors under the influence of intraparticle diffusion. Chemical Engineering Science, 1993, 48, 3273-3282.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Influence of mass transport mechanism in a porous product layer on gas–solid chemical processes with initially nonporous solid. <i>Chemical Engineering Science</i> , 1991, 46, 3225-3233.	1.9	2
20	Influence of starch acetylation on selected rheological properties of pastes. <i>Starch/Staerke</i> , 2014, 66, 303-315.	1.1	2
21	Kinetics of esterification of the levulinic acid with n-hexanol, n-octanol, and n-decanol in the presence of dodecatungstophosphoric acid as a catalyst. <i>International Journal of Chemical Kinetics</i> , 2019, 51, 689-695.	1.0	2
22	Comment on “Erroneous Application of Pseudo-Second-Order Adsorption Kinetics Model: Ignored Assumptions and Spurious Correlations”. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 8957-8959.	1.8	2
23	Effects of simultaneous mass and energy transport in porous media on non-isothermal gas–solid chemical processes. <i>Chemical Engineering Science</i> , 1992, 47, 3131-3136.	1.9	1
24	Enhancement of Heterogeneous Autocatalytic Reactions Accompanied by Mass and Heat Transfer Phenomena. <i>Industrial & Engineering Chemistry Research</i> , 2004, 43, 4535-4539.	1.8	1
25	Rheological scaling properties of starch solutions in dimethylsulfoxide. <i>Chemical and Process Engineering - Inżynieria Chemiczna I Procesowa</i> , 2012, 33, 323-333.	0.7	1