

Magdalena Cudak

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

173
citations

1307594

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h-index

1125743

13
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15
all docs

15
docs citations

15
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Stirring of a liquid in a stirred tank with an eccentrically located impeller. Chemical Engineering Science, 2005, 60, 2369-2380.	3.8	81
2	Distribution of local heat transfer coefficient values in the wall region of an agitated vessel. Chemical Papers, 2008, 62, .	2.2	21
3	Hydrodynamic Characteristics of Mechanically Agitated Air - Aqueous Sucrose Solutions. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2014, 35, 97-107.	0.7	10
4	Local Heat Transfer Process for a Gas-Liquid System in a Wall Region of an Agitated Vessel Equipped with the System of CD6-RT Impellers. Industrial & Engineering Chemistry Research, 2014, 53, 16539-16549.	3.7	9
5	Momentum transfer in an agitated vessel with off-centred impellers. Chemical Papers, 2006, 60, .	2.2	8
6	Local Momentum Transfer Process in a Wall Region of an Agitated Vessel Equipped with an Eccentric Impeller. Industrial & Engineering Chemistry Research, 2011, 50, 4140-4149.	3.7	7
7	The effects of eccentricity of axial flow impeller on the momentum transfer process in an agitated vessel. Experimental Thermal and Fluid Science, 2013, 44, 385-391.	2.7	7
8	Numerical analysis of hydrodynamics in a mechanically agitated gas-liquid pseudophase system. Chemical Papers, 2019, 73, 481-489.	2.2	7
9	The effect of the physical properties of the liquid phase on the gas-liquid mass transfer coefficient in two- and three-phase agitated systems. Chemical Papers, 2011, 65, .	2.2	6
10	Numerical analysis of momentum transfer processes in a mechanically agitated air - biophase - liquid system. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2017, 38, 465-475.	0.7	5
11	Influence of different factors on momentum transfer in mechanically agitated multiphase systems. Chemical and Process Engineering - Inzynieria Chemiczna I Procesowa, 2016, 37, 41-53.	0.7	5
12	Transport phenomena in an agitated vessel with an eccentrically located impeller. Chemical Papers, 2011, 65, .	2.2	3
13	An effect of the impeller eccentricity on the process characteristics in an agitated vessel - experimental and numerical modeling. Theoretical Foundations of Chemical Engineering, 2016, 50, 922-931.	0.7	3
14	Experimental Modelling of Local Heat Transfer Process for a Gas-liquid System in an Agitated Vessel with the System of A 315 - RT Impellers Experimental Modelling of Local Heat Transfer Process for a Gas-liquid System in an Agitated Vessel with the System of A 315 - RT Impellers. Chemical and Biochemical Engineering Quarterly, 2018, 32, 335-347.	0.9	0