

# Marek VeÄeÄ

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

311  
citations

1163117

8  
h-index

888059

17  
g-index

42  
all docs

42  
docs citations

42  
times ranked

378  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of surfactant on homogeneous regime stability in bubble column. Chemical Engineering Science, 2008, 63, 951-967.	3.8	79
2	Measurement accuracy of a mono-fiber optical probe in a bubbly flow. International Journal of Multiphase Flow, 2010, 36, 533-548.	3.4	62
3	Study of carbon black obtained by pyrolysis of waste scrap tyres. Journal of Thermal Analysis and Calorimetry, 2013, 111, 1475-1481.	3.6	36
4	The removal of CO2 from biogas using a laboratory PSA unit: design using breakthrough curves. Clean Technologies and Environmental Policy, 2015, 17, 1281-1289.	4.1	30
5	Hydrodynamics of Airlift Reactor with Internal Circulation Loop: Experiment vs. CFD Simulation. Procedia Engineering, 2012, 42, 892-907.	1.2	24
6	Stability and Rheology of Aqueous Suspensions. Procedia Engineering, 2012, 42, 1720-1725.	1.2	18
7	The effect of the draft tube geometry on mixing in a reactor with an internal circulation loop – A CFD simulation. Chemical Engineering and Processing: Process Intensification, 2015, 94, 29-34.	3.6	15
8	A Case Study of Waste Scrap Tyre-Derived Carbon Black Tested for Nitrogen, Carbon Dioxide, and Cyclohexane Adsorption. Molecules, 2020, 25, 4445.	3.8	12
9	AWS rotational viscometry of polysaccharide solutions using a novel KK sensor. Journal of Non-Newtonian Fluid Mechanics, 2006, 139, 135-152.	2.4	7
10	End effects in rotational viscometry I. No-slip shear-thinning samples in the Z40 DIN sensor. Rheologica Acta, 2007, 46, 765-772.	2.4	7
11	On Bubble Rising in Countercurrent Flow. International Journal of Chemical Reactor Engineering, 2012, 10, .	1.1	5
12	Asymmetric deformation of bubble shape: cause or effect of vortex-shedding?. Chemical Papers, 2014, 68, .	2.2	5
13	Diagnostics of Apparent Wall Slip in Aqueous Polymer Solutions. , 2009, , .		2
14	Determination of specific surface of activated mesocarbons by sorption of organic vapors. Journal of Thermal Analysis and Calorimetry, 2015, 121, 429-436.	3.6	2
15	Life Cycle of Wash Oil for Benzol Absorption from Coke Oven Gas. Chemical Engineering and Technology, 2019, 42, 728-734.	1.5	2
16	3D-printed microfluidic device for monodisperse emulsions preparation. Chemical Papers, 2021, 75, 6101-6113.	2.2	2
17	Effect Of Chemical Activation On Sorption Characteristics Of Selected Wood Samples / Vliv ChemickĀ Aktivace Na SorpĀnĀ-Charakteristiky UhlĀkatĀ½ch MateriĀ½lĀ. GeoScience Engineering, 2013, 59, 25-31.	0.3	2
18	Flow field in a downward diverging channel and its application. Chemical Papers, 2016, 70, .	2.2	1

#	ARTICLE	IF	CITATIONS
19	AWS Viscometryâ€™Principles and Applications. , 2011, , .		0
20	Two dimensional mass transfer in flat layers and lateral diffusion effect in permeability determination. International Journal of Heat and Mass Transfer, 2013, 63, 9-12.	4.8	0
21	Transport phenomena in terms of mass structure. , 2020, , 9-42.		0
22	Transport phenomena at the interface. , 2020, , 43-56.		0
23	Transport of energy by radiation. , 2020, , 57-60.		0
24	Experimental methods for the study of transport phenomena. , 2020, , 61-68.		0
25	Simple problems in heat transport. , 2020, , 69-78.		0
26	Simple problems in fluid flows. , 2020, , 79-88.		0
27	Transports in moving media. , 2020, , 99-105.		0
28	The balance of mass and of mechanical energy in a flow tube. , 2020, , 121-126.		0
29	The steady unidirectional flow. , 2020, , 127-145.		0
30	Unidirectional unsteady transfer. , 2020, , 159-181.		0
31	Vectors and tensors. , 2020, , 253-260.		0
32	Definitions of unidirectional steady transport. , 2020, , 3-8.		0
33	Some ordinary differential equations. , 2020, , 261-266.		0
34	Solutions of the Navier-Stokes equation. , 2020, , 109-119.		0
35	The basics of steady heat conduction and diffusion. , 2020, , 147-157.		0
36	Extension of balances to turbulent flows. , 2020, , 211-218.		0

#	ARTICLE	IF	CITATIONS
37	Some partial differential equations. , 2020, , 267-274.		0
38	Mutually influenced transfer of momentum and heat. , 2020, , 243-250.		0
39	Study of Pyrolysis of Polymers and Coal and Co-Pyrolysis of Their Blends, Kinetics of the Process. Transactions of the VSB: Technical University of Ostrava, 2012, 58, 147-156.	0.1	0
40	Fundamentals of the fluid mechanics. , 2020, , 89-97.		0
41	Solution of the equation of convection. , 2020, , 219-242.		0
42	The flow in two dimensions. , 2020, , 183-209.		0