Josef JÅ¯za

List of Publications by Year
in descending order

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29	226	1163117	996975
papers	citations	8	15
		h-index	g-index

29	29	29	229
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Removal of some approximations in calculation of the effect of a block copolymer on the interfacial tension in polymer blends. Colloid and Polymer Science, 2022, 300, 21-40.	2.1	4
2	Compatibilization of Immiscible Polymer Blends Using Block Copolymer: Influence of the Dry Brush Model Modifications on Model Results. Macromolecular Symposia, 2022, 403, 2100206.	0.7	1
3	Analysis of the effect of the interaction parameters of copolymer blocks on their efficiency in reducing the interfacial tension between the components of immiscible polymer blends. Colloid and Polymer Science, 2021, 299, 1247-1269.	2.1	3
4	The Effects of Copolymer Compatibilizers on the Phase Structure Evolution in Polymer Blendsâ€"A Review. Materials, 2021, 14, 7786.	2.9	13
5	Description of the Droplet Size Evolution in Flowing Immiscible Polymer Blends. Polymers, 2019, 11, 761.	4.5	25
6	Surface tension measurement: Attempt to combine pendant drop and deformed drop retraction methods. AIP Conference Proceedings, 2019, , .	0.4	0
7	Surface Tension Measurements of Viscous Materials by Pendant Drop Method: Time Needed to Establish Equilibrium Shape. Macromolecular Symposia, 2019, 384, 1800150.	0.7	7
8	Flowâ€Induced Coalescence Involving Attractive Interparticle Forces. Macromolecular Symposia, 2019, 384, 1800171.	0.7	0
9	Aqueous-Based Functionalizations of Titanate Nanotubes: A Straightforward Route to High-Performance Epoxy Composites with Interfacially Bonded Nanofillers. Macromolecules, 2018, 51, 5989-6002.	4.8	6
10	Analysis of the effect of block copolymers on interfacial tension in immiscible polymer blends. Polymer, 2018, 150, 380-390.	3.8	15
11	Droplet size in flow: Theoretical model and application to polymer blends. AIP Conference Proceedings, 2017, , .	0.4	1
12	Prediction of average droplet size in flowing immiscible polymer blends. Journal of Applied Polymer Science, 2017, 134, 45250.	2.6	4
13	Flowâ€Induced Coalescence: Evaluation of Some Approximations. Macromolecular Symposia, 2017, 373, 1600097.	0.7	2
14	Prediction of the Phase Structure Evolution during Processing of Polymer Blends. Results and Problems. Macromolecular Symposia, 2016, 362, 152-155.	0.7	0
15	Phase structure evolution during mixing and processing of poly(lactic acid)/polycaprolactone (PLA/PCL) blends. Polymer Bulletin, 2015, 72, 2931-2947.	3.3	20
16	Consequences of the effect of matrix elasticity on the rotation of droplet pairs for collision efficiency. Colloid and Polymer Science, 2015, 293, 1713-1721.	2.1	5
17	Flow-induced coalescence: arbitrarily mobile interface model and choice of its parameters. Polimery, 2015, 61, 628-635.	0.7	0
18	Recent results and persisting problems in modeling flow induced coalescence. , 2014, , .		0

#	Article	IF	Citations
19	Flowâ€Induced Coalescence in Polydisperse Systems. Macromolecular Materials and Engineering, 2014, 299, 1213-1219.	3.6	8
20	Modeling of interface mobility in the description of flow-induced coalescence in immiscible polymer blends. Colloid and Polymer Science, 2013, 291, 1863-1870.	2.1	9
21	Description of the flow induced coalescence in immiscible polymer blends â€“ Advances and persisting problems. , 2013, , .		0
22	Flow Induced Coalescence in Polymer Blends. Chemistry and Chemical Technology, 2013, 7, 53-60.	1.1	7
23	Coalescence in quiescent polymer blends with a high content of the dispersed phase. European Polymer Journal, 2012, 48, 1230-1240.	5.4	18
24	Modeling of the influence of matrix elasticity on coalescence probability of colliding droplets in shear flow. Journal of Rheology, 2012, 56, 1393-1411.	2.6	16
25	The effect of anisometry of dispersed droplets on their coalescence during annealing of polymer blends. Colloid and Polymer Science, 2011, 289, 1895-1903.	2.1	5
26	Thermodynamic study of surfaces of liquid polybutadienes and their interfaces with poly(dimethylsiloxane). Journal of Applied Polymer Science, 2009, 113, 169-180.	2.6	2
27	The effect of polyethylene addition on the morphology of polystyrene/polyamide blends. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 2158-2170.	2.1	3
28	Comparison of Association Constants of Cyclodextrins and Their tert-Butyl Derivatives With Halogenbenzoic Acids and Acridine Derivatives. Molecules, 2001, 6, 221-229.	3.8	8
29	Title is missing!. European Physical Journal D, 1997, 47, 351-357.	0.4	44