

Josef JÅřza

List of Publications by Year in descending order

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29
papers

226
citations

1163117

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996975

15
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29
all docs

29
docs citations

29
times ranked

229
citing authors

#	ARTICLE	IF	CITATIONS
1	Title is missing!. European Physical Journal D, 1997, 47, 351-357.	0.4	44
2	Description of the Droplet Size Evolution in Flowing Immiscible Polymer Blends. Polymers, 2019, 11, 761.	4.5	25
3	Phase structure evolution during mixing and processing of poly(lactic acid)/polycaprolactone (PLA/PCL) blends. Polymer Bulletin, 2015, 72, 2931-2947.	3.3	20
4	Coalescence in quiescent polymer blends with a high content of the dispersed phase. European Polymer Journal, 2012, 48, 1230-1240.	5.4	18
5	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
6	Analysis of the effect of block copolymers on interfacial tension in immiscible polymer blends. Polymer, 2018, 150, 380-390.	3.8	15
7	The Effects of Copolymer Compatibilizers on the Phase Structure Evolution in Polymer Blends—A Review. Materials, 2021, 14, 7786.	2.9	13
8	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
9	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
10	Flow-Induced Coalescence in Polydisperse Systems. Macromolecular Materials and Engineering, 2014, 299, 1213-1219.	3.6	8
11	Surface Tension Measurements of Viscous Materials by Pendant Drop Method: Time Needed to Establish Equilibrium Shape. Macromolecular Symposia, 2019, 384, 1800150.	0.7	7
12	Flow Induced Coalescence in Polymer Blends. Chemistry and Chemical Technology, 2013, 7, 53-60.	1.1	7
13	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
14	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
15	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
16	Prediction of average droplet size in flowing immiscible polymer blends. Journal of Applied Polymer Science, 2017, 134, 45250.	2.6	4
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Flow-induced Coalescence: Evaluation of Some Approximations. Macromolecular Symposia, 2017, 373, 1600097.	0.7	2
22	Droplet size in flow: Theoretical model and application to polymer blends. AIP Conference Proceedings, 2017, , .	0.4	1
23	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
24	Description of the flow induced coalescence in immiscible polymer blends – Advances and persisting problems. , 2013, , .		0
25	Recent results and persisting problems in modeling flow induced coalescence. , 2014, , .		0
26	Prediction of the Phase Structure Evolution during Processing of Polymer Blends. Results and Problems. Macromolecular Symposia, 2016, 362, 152-155.	0.7	0
27	Surface tension measurement: Attempt to combine pendant drop and deformed drop retraction methods. AIP Conference Proceedings, 2019, , .	0.4	0
28	Flow-induced Coalescence Involving Attractive Interparticle Forces. Macromolecular Symposia, 2019, 384, 1800171.	0.7	0
29	Flow-induced coalescence: arbitrarily mobile interface model and choice of its parameters. Polimery, 2015, 61, 628-635.	0.7	0