Daniele Tammaro

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1120167/publications.pdf

Version: 2024-02-01

26 papers	376 citations	687363 13 h-index	794594 19 g-index
27 all docs	27 docs citations	27 times ranked	209 citing authors

#	Article	IF	Citations
1	Continuous 3D Printing of Hierarchically Structured Microfoamed Objects. Advanced Engineering Materials, 2022, 24, 2101226.	3.5	15
2	An Experimental and Numerical Investigation on Bubble Growth in Polymeric Foams. Entropy, 2022, 24, 183.	2.2	2
3	Expanded Beads of High Melt Strength Polypropylene Moldable at Low Steam Pressure by Foam Extrusion. Polymers, 2022, 14, 205.	4.5	12
4	Matricial foaming. Polymer Testing, 2022, 111, 107590.	4.8	1
5	Extending the High-Throughput Experimentation (HTE) Approach to Catalytic Olefin Polymerizations: From Catalysts to Materials. Macromolecules, 2022, 55, 5017-5026.	4.8	11
6	Foamed structured packing for mass-transfer equipment produced by an innovative 3D printing technology. Chemical Engineering Science, 2022, 260, 117853.	3.8	13
7	Effect of extrudate swell on extrusion foam of polyethylene terephthalate. Journal of Cellular Plastics, 2021, 57, 911-925.	2.4	16
8	Effect of polymer swell in extrusion foaming of low-density polyethylene. Physics of Fluids, 2021, 33, .	4.0	27
9	Modelling Sorption Thermodynamics and Mass Transport of n-Hexane in a Propylene-Ethylene Elastomer. Polymers, 2021, 13, 1157.	4.5	17
10	A remote foaming experiment. Education for Chemical Engineers, 2021, 36, 171-175.	4.8	0
11	Flowering in bursting bubbles with viscoelastic interfaces. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
12	Axisymmetric bare freestanding films of highly viscous liquids: Preparation and real-time investigation of capillary leveling. Journal of Colloid and Interface Science, 2021, 596, 493-499.	9.4	6
13	A microcapillary rheometer for microliter sized polymer characterization. Polymer Testing, 2021, 102, 107332.	4.8	15
14	Bio-Lightweight Structures by 3D Foam Printing. , 2021, , .		9
15	Wettability of graphene by molten polymers. Polymer, 2019, 180, 121708.	3.8	14
16	Elasticity in Bubble Rupture. Langmuir, 2018, 34, 5646-5654.	3.5	24
17	Early bubble coalescence in thermoplastic foaming. Materials Letters, 2018, 228, 459-462.	2.6	18
18	Insight into bubble nucleation at high-pressure drop rate. Journal of Cellular Plastics, 2017, 53, 551-560.	2.4	15

#	Article	IF	Citations
19	Interferometric measurement of film thickness during bubble blowing. , 2017, , .		2
20	A pressure vessel for studying gas foaming of thermosetting polymers: sorption, synthesis and processing. Polymer Testing, 2017, 62, 137-142.	4.8	13
21	Polystyrene Foaming at High Pressure Drop Rates. Industrial & Engineering Chemistry Research, 2016, 55, 5696-5701.	3.7	31
22	Dynamic fluid-film interferometry as a predictor of bulk foam properties. Soft Matter, 2016, 12, 9266-9279.	2.7	45
23	Validated modeling of bubble growth, impingement and retraction to predict cell-opening in thermoplastic foaming. Chemical Engineering Journal, 2016, 287, 492-502.	12.7	28
24	A novel lab-scale batch foaming equipment: The mini-batch. Journal of Cellular Plastics, 2016, 52, 533-543.	2.4	23
25	Anomalous swelling of molten PCL/scCO2 solutions. , 2014, , .		3
26	PS foams at high pressure drop rates. , 2014, , .		0