Daniele Tammaro

List of Publications by Year
in descending order

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	Dynamic fluid-film interferometry as a predictor of bulk foam properties. Soft Matter, 2016, 12, 9266-9279.	2.7	45
2	Polystyrene Foaming at High Pressure Drop Rates. Industrial & Engineering Chemistry Research, 2016, 55, 5696-5701.	3.7	31
3	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
4	Effect of polymer swell in extrusion foaming of low-density polyethylene. Physics of Fluids, 2021, 33, .	4.0	27
5	Elasticity in Bubble Rupture. Langmuir, 2018, 34, 5646-5654.	3.5	24
6	A novel lab-scale batch foaming equipment: The mini-batch. Journal of Cellular Plastics, 2016, 52, 533-543.	2.4	23
7	Early bubble coalescence in thermoplastic foaming. Materials Letters, 2018, 228, 459-462.	2.6	18
8	Modelling Sorption Thermodynamics and Mass Transport of n-Hexane in a Propylene-Ethylene Elastomer. Polymers, 2021, 13, 1157.	4.5	17
9	Effect of extrudate swell on extrusion foam of polyethylene terephthalate. Journal of Cellular Plastics, 2021, 57, 911-925.	2.4	16
10	Insight into bubble nucleation at high-pressure drop rate. Journal of Cellular Plastics, 2017, 53, 551-560.	2.4	15
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	A microcapillary rheometer for microliter sized polymer characterization. Polymer Testing, 2021, 102, 107332.	4.8	15
13	Continuous 3D Printing of Hierarchically Structured Microfoamed Objects. Advanced Engineering Materials, 2022, 24, 2101226.	3.5	15
14	Wettability of graphene by molten polymers. Polymer, 2019, 180, 121708.	3.8	14
15	A pressure vessel for studying gas foaming of thermosetting polymers: sorption, synthesis and processing. Polymer Testing, 2017, 62, 137-142.	4.8	13
16	Foamed structured packing for mass-transfer equipment produced by an innovative 3D printing technology. Chemical Engineering Science, 2022, 260, 117853.	3.8	13
17	Expanded Beads of High Melt Strength Polypropylene Moldable at Low Steam Pressure by Foam Extrusion. Polymers, 2022, 14, 205.	4.5	12
18	Extending the High-Throughput Experimentation (HTE) Approach to Catalytic Olefin Polymerizations: From Catalysts to Materials. Macromolecules, 2022, 55, 5017-5026.	4.8	11

#	Article	IF	Citations
19	Bio-Lightweight Structures by 3D Foam Printing. , 2021, , .		9
20	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
21	Anomalous swelling of molten PCL/scCO2 solutions. , 2014, , .		3
22	Interferometric measurement of film thickness during bubble blowing. , 2017, , .		2
23	An Experimental and Numerical Investigation on Bubble Growth in Polymeric Foams. Entropy, 2022, 24, 183.	2.2	2
24	Matricial foaming. Polymer Testing, 2022, 111, 107590.	4.8	1
25	PS foams at high pressure drop rates. , 2014, , .		0
26	A remote foaming experiment. Education for Chemical Engineers, 2021, 36, 171-175.	4.8	0