

Yasamin Kazemi

List of Publications by Year in descending order

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130
papers

12,374
citations

18482

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25787

108
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132
all docs

132
docs citations

132
times ranked

5955
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, structures and properties of hydrophobic Alkyltrimethoxysilane-Polyvinyltrimethoxysilane hybrid aerogels with different alkyl chain lengths. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 720-734.	9.4	11
2	A comprehensive review of cell structure variation and general rules for polymer microcellular foams. <i>Chemical Engineering Journal</i> , 2022, 430, 132662.	12.7	60
3	Fluorescence assisted visualization and destruction of particles embedded thin cell walls in polymeric foams via supercritical foaming. <i>Journal of Supercritical Fluids</i> , 2022, 181, 105511.	3.2	15
4	Recent Advances in Graphene-Based Polymer Nanocomposites and Foams for Electromagnetic Interference Shielding Applications. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 1545-1568.	3.7	25
5	Molecular engineering of the surface of boron nitride nanotubes for manufacture of thermally conductive dielectric polymer composites. <i>Applied Surface Science</i> , 2022, 587, 152779.	6.1	11
6	Layered Foam/Film Polymer Nanocomposites with Highly Efficient EMI Shielding Properties and Ultralow Reflection. <i>Nano-Micro Letters</i> , 2022, 14, 19.	27.0	76
7	Using a Supercritical Fluid-Assisted Thin Cell Wall Stretching“Defoaming Method to Enhance the Nanofiller Dispersion, EMI Shielding, and Thermal Conduction Property of CNF/PVDF Nanocomposites. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 3647-3659.	3.7	18
8	Cost-effective and reproducible technologies for fabrication of tissue engineered scaffolds: The state-of-the-art and future perspectives. <i>Polymer</i> , 2022, 244, 124681.	3.8	10
9	Microcellular foamed polyamide 6/carbon nanotube composites with superior electromagnetic wave absorption. <i>Journal of Materials Science and Technology</i> , 2022, 117, 215-224.	10.7	28
10	Flexible Poly(ether-block-amide)/Carbon Nanotube Composites for Electromagnetic Interference Shielding. <i>ACS Applied Nano Materials</i> , 2022, 5, 7598-7608.	5.0	9
11	Microcellular foams simultaneous reinforcing and toughening strategy of combining nano-fibrillation network and supercritical solid-state foaming. <i>Polymer</i> , 2022, 252, 124928.	3.8	13
12	Structure-gradient thermoplastic polyurethane foams with enhanced resilience derived by microcellular foaming. <i>Journal of Supercritical Fluids</i> , 2022, 188, 105667.	3.2	15
13	Poly(lactic acid)/UV-crosslinked in-situ ethylene-propylene-diene terpolymer nanofibril composites with outstanding mechanical and foaming performance. <i>Chemical Engineering Journal</i> , 2022, 447, 137509.	12.7	18
14	Nanocellular poly(ether-block-amide)/MWCNT nanocomposite films fabricated by stretching-assisted microcellular foaming for high-performance EMI shielding applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 1245-1258.	5.5	53
15	CVD carbon-coated carbonized loofah sponge loaded with a directionally arrayed MXene aerogel for electromagnetic interference shielding. <i>Journal of Materials Chemistry A</i> , 2021, 9, 358-370.	10.3	48
16	Nanofibrillated polymer systems: Design, application, and current state of the art. <i>Progress in Polymer Science</i> , 2021, 113, 101346.	24.7	47
17	Strong, highly hydrophobic, transparent, and super-insulative polyorganosiloxane-based aerogel. <i>Chemical Engineering Journal</i> , 2021, 413, 127488.	12.7	28
18	Advances in electromagnetic shielding properties of composite foams. <i>Journal of Materials Chemistry A</i> , 2021, 9, 8896-8949.	10.3	184

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19	An off-lattice model of the Sanchez-Lacombe Eq. of state for polymers with finite flexibility. <i>Polymer</i> , 2021, 215, 123334.	3.8	2
20	Nanofiber fluorescence coating for evaluation of complex solid-/gas-multi-phase and nano-/micro-multi-scale nanocomposite foam structure. <i>Progress in Organic Coatings</i> , 2021, 154, 106183.	3.9	15
21	Evaluation and modeling of electrical conductivity in conductive polymer nanocomposite foams with multiwalled carbon nanotube networks. <i>Chemical Engineering Journal</i> , 2021, 411, 128382.	12.7	59
22	Rheological and foaming behaviors of long-chain branched polyamide 6 with controlled branch length. <i>Polymer</i> , 2021, 224, 123730.	3.8	29
23	Research on cellular morphology and mechanical properties of microcellular injection-molded BCPP and its blends. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 116, 2223-2241.	3.0	4
24	Enhanced electromagnetic wave absorption performance of polymer/SiC-nanowire/MXene (Ti ₃ C ₂ T _x) composites. <i>Carbon</i> , 2021, 179, 408-416.	10.3	66
25	LDPE/MWCNT and LDPE/MWCNT/UHMWPE self-reinforced fiber-composite foams prepared via supercritical CO ₂ : A microstructure-engineering property perspective. <i>Journal of Supercritical Fluids</i> , 2021, 174, 105248.	3.2	17
26	Role of interfacial adhesion and fiber length on the mechanical performance fiber reinforced thermoplastic elastomers. <i>Composites Science and Technology</i> , 2021, 213, 108928.	7.8	7
27	Prediction of thermal conductivity of micro/nano porous dielectric materials: Theoretical model and impact factors. <i>Energy</i> , 2021, 233, 121140.	8.8	26
28	The critical requirement for high-pressure foam injection molding with supercritical fluid. <i>Polymer</i> , 2021, 238, 124388.	3.8	8
29	Lightweight and flexible graphene/SiC-nanowires/ poly(vinylidene fluoride) composites for electromagnetic interference shielding and thermal management. <i>Carbon</i> , 2020, 156, 58-66.	10.3	138
30	Advances in precursor system for silica-based aerogel production toward improved mechanical properties, customized morphology, and multifunctionality: A review. <i>Advances in Colloid and Interface Science</i> , 2020, 276, 102101.	14.7	99
31	Achieving wideband microwave absorption properties in PVDF nanocomposite foams with an ultra-low MWCNT content by introducing a microcellular structure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 58-70.	5.5	120
32	Insights into in-situ sol-gel conversion in graphene modified polymer-based silica gels for multifunctional aerogels. <i>Chemical Engineering Journal</i> , 2020, 392, 123813.	12.7	27
33	Novel and simple design of nanostructured, super-insulative and flexible hybrid silica aerogel with a new macromolecular polyether-based precursor. <i>Journal of Colloid and Interface Science</i> , 2020, 561, 890-901.	9.4	37
34	Mechanically robust and thermally insulating polyarylene ether nitrile with a bone-like structure. <i>Materials and Design</i> , 2020, 196, 109099.	7.0	9
35	An Effective Design Strategy for the Sandwich Structure of PVDF/GNP-Ni-CNT Composites with Remarkable Electromagnetic Interference Shielding Effectiveness. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 36568-36577.	8.0	112
36	Highly Compressible Polymer Composite Foams with Thermal Heating-Boosted Electromagnetic Wave Absorption Abilities. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50793-50802.	8.0	47

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37	Facilitating supercritical CO ₂ assisted exfoliation of graphene nanoplatelets with the polymer matrix. <i>Chemical Engineering Journal</i> , 2020, 394, 124930.	12.7	24
38	Wrong expectation of superinsulation behavior from largely-expanded nanocellular foams. <i>Nanoscale</i> , 2020, 12, 13064-13085.	5.6	32
39	Polyimide aerogels with novel bimodal micro and nano porous structure assembly for airborne nano filtering applications. <i>RSC Advances</i> , 2020, 10, 22909-22920.	3.6	28
40	Theoretical modeling and experimental verification of percolation threshold with MWCNTsâ€™ rotation and translation around a growing bubble in conductive polymer composite foams. <i>Composites Science and Technology</i> , 2020, 199, 108345.	7.8	38
41	Strong and super thermally insulating in-situ nanofibrillar PLA/PET composite foam fabricated by high-pressure microcellular injection molding. <i>Chemical Engineering Journal</i> , 2020, 390, 124520.	12.7	103
42	Ultra-lightweight, super thermal-insulation and strong PP/CNT microcellular foams. <i>Composites Science and Technology</i> , 2020, 191, 108084.	7.8	97
43	In Situ Interface Design in Graphene-Embedded Polymeric Silica Aerogel with Organic/Inorganic Hybridization. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26635-26648.	8.0	31
44	Dependence of electromagnetic interference shielding ability of conductive polymer composite foams with hydrophobic properties on cellular structure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 7401-7410.	5.5	70
45	A versatile foaming platform to fabricate polymer/carbon composites with high dielectric permittivity and ultra-low dielectric loss. <i>Journal of Materials Chemistry A</i> , 2019, 7, 133-140.	10.3	111
46	Accurate theoretical modeling of cell growth by comparing with visualized data in high-pressure foam injection molding. <i>European Polymer Journal</i> , 2019, 119, 189-199.	5.4	18
47	Multi-dimensional analysis of micro-/nano-polymeric foams by confocal laser scanning microscopy and foam simulations. <i>Chemical Engineering Science</i> , 2019, 207, 892-902.	3.8	24
48	Effects of polymer-filler interactions on controlling the conductive network formation in polyamide 6/multi-Walled carbon nanotube composites. <i>Polymer</i> , 2019, 178, 121684.	3.8	40
49	rGO/Fe ₃ O ₄ hybrid induced ultra-efficient EMI shielding performance of phenolic-based carbon foam. <i>RSC Advances</i> , 2019, 9, 20643-20651.	3.6	41
50	Insight into the Directional Thermal Transport of Hexagonal Boron Nitride Composites. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 41726-41735.	8.0	33
51	Thermally conductive polymer-graphene nanoplatelet composite foams. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
52	Robust, ultra-insulative and transparent polyethylene-based hybrid silica aerogel with a novel non-particulate structure. <i>Journal of Colloid and Interface Science</i> , 2019, 548, 206-216.	9.4	25
53	The effect of graphene-nanoplatelets on gelation and structural integrity of a polyvinyltrimethoxysilane-based aerogel. <i>RSC Advances</i> , 2019, 9, 11503-11520.	3.6	39
54	Structure-tunable thermoplastic polyurethane foams fabricated by supercritical carbon dioxide foaming and their compressive mechanical properties. <i>Journal of Supercritical Fluids</i> , 2019, 149, 127-137.	3.2	73

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55	Bio-inspired polyethylene-based composite reinforced by thermoplastic polyurethane (TPU) fiber for aerogel production. AIP Conference Proceedings, 2019, , .	0.4	4
56	Poly(vinylidene fluoride) foams: a promising low- κ dielectric and heat-insulating material. Journal of Materials Chemistry C, 2018, 6, 3065-3073.	5.5	110
57	Lightweight, super-elastic, and thermal-sound insulation bio-based PEBA foams fabricated by high-pressure foam injection molding with mold-opening. European Polymer Journal, 2018, 103, 68-79.	5.4	120
58	Non-crosslinked thermoplastic reticulated polymer foams from crystallization-induced structural heterogeneities. Polymer, 2018, 135, 185-192.	3.8	46
59	Reinforced resorcinol formaldehyde aerogel with Co-assembled polyacrylonitrile nanofibers and graphene oxide nanosheets. Materials and Design, 2018, 151, 154-163.	7.0	24
60	Highly stretchable conductive thermoplastic vulcanizate/carbon nanotube nanocomposites with segregated structure, low percolation threshold and improved cyclic electromechanical performance. Journal of Materials Chemistry C, 2018, 6, 350-359.	5.5	48
61	Ultralow-Threshold and Lightweight Biodegradable Porous PLA/MWCNT with Segregated Conductive Networks for High-Performance Thermal Insulation and Electromagnetic Interference Shielding Applications. ACS Applied Materials & Interfaces, 2018, 10, 1195-1203.	8.0	241
62	Enhanced Thermal Conductivity of Graphene Nanoplatelet-Polymer Nanocomposites Fabricated via Supercritical Fluid-Assisted in Situ Exfoliation. ACS Applied Materials & Interfaces, 2018, 10, 1225-1236.	8.0	114
63	Development of high thermal insulation and compressive strength BPP foams using mold-opening foam injection molding with in-situ fibrillated PTFE fibers. European Polymer Journal, 2018, 98, 1-10.	5.4	117
64	Synergism between carbon materials and Ni chains in flexible poly(vinylidene fluoride) composite films with high heat dissipation to improve electromagnetic shielding properties. Carbon, 2018, 127, 469-478.	10.3	169
65	Lightweight, thermally insulating, and low dielectric microcellular high-impact polystyrene (HIPS) foams fabricated by high-pressure foam injection molding with mold opening. Journal of Materials Chemistry C, 2018, 6, 12294-12305.	5.5	55
66	Lightweight and strong microcellular injection molded PP/talc nanocomposite. Composites Science and Technology, 2018, 168, 38-46.	7.8	89
67	Incorporating a microcellular structure into PVDF/graphene nanoplatelet composites to tune their electrical conductivity and electromagnetic interference shielding properties. Journal of Materials Chemistry C, 2018, 6, 10292-10300.	5.5	165
68	Lightweight and tough nanocellular PP/PTFE nanocomposite foams with defect-free surfaces obtained using in situ nanofibrillation and nanocellular injection molding. Chemical Engineering Journal, 2018, 350, 1-11.	12.7	154
69	Nanostructure to thermal property relationship of resorcinol formaldehyde aerogels using the fractal technique. Nanoscale, 2018, 10, 10564-10575.	5.6	34
70	Application of a constant hole volume Sanchez-Lacombe equation of state to mixtures relevant to polymeric foaming. Soft Matter, 2018, 14, 4603-4614.	2.7	16
71	Modelling of Rod-Like Fillers' Rotation and Translation near Two Growing Cells in Conductive Polymer Composite Foam Processing. Polymers, 2018, 10, 261.	4.5	26
72	Ultralight Microcellular Polymer-Graphene Nanoplatelet Foams with Enhanced Dielectric Performance. ACS Applied Materials & Interfaces, 2018, 10, 19987-19998.	8.0	79

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73	Enhanced Electrical and Electromagnetic Interference Shielding Properties of Polymer-Graphene Nanoplatelet Composites Fabricated via Supercritical-Fluid Treatment and Physical Foaming. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30752-30761.	8.0	156
74	Injection-molded microcellular PLA/graphite nanocomposites with dramatically enhanced mechanical and electrical properties for ultra-efficient EMI shielding applications. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6847-6859.	5.5	136
75	Evaluating Characteristic Parameters for Carbon Dioxide in the Sanchez-Lacombe Equation of State. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 585-595.	1.9	9
76	Role of elastic strain energy in cell nucleation of polymer foaming and its application for fabricating sub-microcellular TPU microfilms. <i>Polymer</i> , 2017, 119, 28-39.	3.8	91
77	Advanced bimodal polystyrene/multi-walled carbon nanotube nanocomposite foams for thermal insulation. <i>Carbon</i> , 2017, 120, 1-10.	10.3	124
78	Study of the foaming mechanisms associated with gas counter pressure and mold opening using the pressure profiles. <i>Chemical Engineering Science</i> , 2017, 167, 105-119.	3.8	26
79	Ultra-tough and super thermal-insulation nanocellular PMMA/TPU. <i>Chemical Engineering Journal</i> , 2017, 325, 632-646.	12.7	165
80	High thermal insulation and compressive strength polypropylene foams fabricated by high-pressure foam injection molding and mold opening of nano-fibrillar composites. <i>Materials and Design</i> , 2017, 131, 1-11.	7.0	161
81	Flexible, Ultrathin, and High-Efficiency Electromagnetic Shielding Properties of Poly(Vinylidene Fluoride)/Carbon Nanotube Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10784-10794.	8.0	264
82	Modelling of thermal transport through a nanocellular polymer foam: toward the generation of a new superinsulating material. <i>Nanoscale</i> , 2017, 9, 5996-6009.	5.6	124
83	Low-density and structure-tunable microcellular PMMA foams with improved thermal-insulation and compressive mechanical properties. <i>European Polymer Journal</i> , 2017, 95, 382-393.	5.4	136
84	Steam-chest molding of expanded thermoplastic polyurethane bead foams and their mechanical properties. <i>Chemical Engineering Science</i> , 2017, 174, 337-346.	3.8	61
85	Polymeric Foaming Predictions from the Sanchez-Lacombe Equation of State: Application to Polypropylene-Carbon Dioxide Mixtures. <i>Physical Review Applied</i> , 2017, 8, .	3.8	11
86	Acid-Base Polymeric Foams for the Adsorption of Micro-oil Droplets from Industrial Effluents. <i>Environmental Science & Technology</i> , 2017, 51, 8552-8560.	10.0	57
87	Use of stereocomplex crystallites for fully-biobased microcellular low-density poly(lactic acid) foams for green packaging. <i>Chemical Engineering Journal</i> , 2017, 327, 1151-1162.	12.7	112
88	Tunable electromagnetic shielding properties of conductive poly(vinylidene fluoride)/Ni chain composite films with negative permittivity. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6954-6961.	5.5	139
89	Development of high-porosity resorcinol formaldehyde aerogels with enhanced mechanical properties through improved particle necking under CO ₂ supercritical conditions. <i>Journal of Colloid and Interface Science</i> , 2017, 485, 65-74.	9.4	49
90	Effect of the melt compressibility and the pressure drop rate on the cell-nucleation behavior in foam injection molding with mold opening. <i>European Polymer Journal</i> , 2017, 92, 314-325.	5.4	45

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91	Experimental observation and modeling of fiber rotation and translation during foam injection molding of polymer composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 88, 67-74.	7.6	51
92	From micro/nano structured isotactic polypropylene to a multifunctional low-density nanoporous medium. <i>RSC Advances</i> , 2016, 6, 108056-108066.	3.6	12
93	Study of the bubble nucleation and growth mechanisms in high-pressure foam injection molding through in-situ visualization. <i>European Polymer Journal</i> , 2016, 76, 2-13.	5.4	65
94	Development of PLA/cellulosic fiber composite foams using injection molding: Crystallization and foaming behaviors. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 83, 130-139.	7.6	129
95	A semi-empirical model relating micro structure to acoustic properties of bimodal porous material. <i>Journal of Applied Physics</i> , 2015, 117, .	2.5	11
96	Characterization of the Structure, Acoustic Property, Thermal Conductivity, and Mechanical Property of Highly Expanded Open-Cell Polycarbonate Foams. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 48-56.	3.6	63
97	Heat transfer in microcellular polystyrene/multi-walled carbon nanotube nanocomposite foams. <i>Carbon</i> , 2015, 93, 819-829.	10.3	158
98	A novel technology to manufacture biodegradable polylactide bead foam products. <i>Materials and Design</i> , 2015, 83, 413-421.	7.0	101
99	Tuning viscoelastic and crystallization properties of polypropylene containing in-situ generated high aspect ratio polyethylene terephthalate fibrils. <i>Polymer</i> , 2015, 68, 83-91.	3.8	80
100	Development of polylactide bead foams with double crystal melting peaks. <i>Polymer</i> , 2015, 69, 83-94.	3.8	142
101	A facile method to increase the charge storage capability of polymer nanocomposites. <i>Nano Energy</i> , 2015, 15, 54-65.	16.0	108
102	Poly(lactic acid)-Based in Situ Microfibrillar Composites with Enhanced Crystallization Kinetics, Mechanical Properties, Rheological Behavior, and Foaming Ability. <i>Biomacromolecules</i> , 2015, 16, 3925-3935.	5.4	157
103	Superhydrophobic and Oleophilic Open-Cell Foams from Fibrillar Blends of Polypropylene and Polytetrafluoroethylene. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21131-21140.	8.0	145
104	Poly (lactic acid) foaming. <i>Progress in Polymer Science</i> , 2014, 39, 1721-1741.	24.7	401
105	Foaming Poly(vinyl alcohol)/Microfibrillated Cellulose Composites with CO ₂ and Water as Co-blowing Agents. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 11962-11972.	3.7	59
106	Lightweight Polypropylene/Stainless-Steel Fiber Composite Foams with Low Percolation for Efficient Electromagnetic Interference Shielding. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11091-11100.	8.0	295
107	Mechanisms of nanoclay-enhanced plastic foaming processes: effects of nanoclay intercalation and exfoliation. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	77
108	Fundamental mechanisms of cell nucleation in polypropylene foaming with supercritical carbon dioxide—Effects of extensional stresses and crystals. <i>Journal of Supercritical Fluids</i> , 2013, 79, 142-151.	3.2	174

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109	Maximal cell density predictions for compressible polymer foams. <i>Polymer</i> , 2013, 54, 841-845.	3.8	26
110	Critical processing parameters for foamed bead manufacturing in a lab-scale autoclave system. <i>Chemical Engineering Journal</i> , 2013, 214, 180-188.	12.7	82
111	Effects of nano-/micro-sized additives on the crystallization behaviors of PLA and PLA/CO ₂ mixtures. <i>Polymer</i> , 2013, 54, 2382-2391.	3.8	150
112	Double Crystal Melting Peak Generation for Expanded Polypropylene Bead Foam Manufacturing. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 2297-2303.	3.7	113
113	Poly(lactic acid) crystallization. <i>Progress in Polymer Science</i> , 2012, 37, 1657-1677.	24.7	1,190
114	The effects of extensional stresses on the foamability of polystyrene/talc composites blown with carbon dioxide. <i>Chemical Engineering Science</i> , 2012, 75, 49-62.	3.8	109
115	Mechanism of extensional stress-induced cell formation in polymeric foaming processes with the presence of nucleating agents. <i>Journal of Supercritical Fluids</i> , 2012, 63, 187-198.	3.2	174
116	Origins of the failure of classical nucleation theory for nanocellular polymer foams. <i>Soft Matter</i> , 2011, 7, 7351.	2.7	46
117	Towards maximal cell density predictions for polymeric foams. <i>Polymer</i> , 2011, 52, 5622-5629.	3.8	26
118	Determination of Solubilities of CO ₂ in Linear and Branched Polypropylene Using a Magnetic Suspension Balance and a PVT Apparatus. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 4885-4895.	1.9	50
119	Change in the critical nucleation radius and its impact on cell stability during polymeric foaming processes. <i>Chemical Engineering Science</i> , 2009, 64, 4899-4907.	3.8	109
120	A Study of the Crystallization, Melting, and Foaming Behaviors of Polylactic Acid in Compressed CO ₂ . <i>International Journal of Molecular Sciences</i> , 2009, 10, 5381-5397.	4.1	182
121	The Effects of Exfoliated Nano-clay on the Extrusion Microcellular Foaming of Amorphous and Crystalline Nylon. <i>Journal of Cellular Plastics</i> , 2006, 42, 271-288.	2.4	42
122	Fundamental foaming mechanisms governing the volume expansion of extruded polypropylene foams. <i>Journal of Applied Polymer Science</i> , 2004, 91, 2661-2668.	2.6	236
123	Rotational foam molding of polypropylene with control of melt strength. <i>Advances in Polymer Technology</i> , 2003, 22, 280-296.	1.7	44
124	Effects of die geometry on cell nucleation of PS foams blown with CO ₂ . <i>Polymer Engineering and Science</i> , 2003, 43, 1378-1390.	3.1	176
125	Strategies for achieving ultra low-density polypropylene foams. <i>Polymer Engineering and Science</i> , 2002, 42, 1481-1492.	3.1	243
126	Processing and characterization of microcellular foamed high-density polyethylene/isotactic polypropylene blends. <i>Polymer Engineering and Science</i> , 1998, 38, 1205-1215.	3.1	237

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127	Low density microcellular foam processing in extrusion using CO ₂ . Polymer Engineering and Science, 1998, 38, 1812-1823.	3.1	248
128	Cell morphology and property relationships of microcellular foamed pvc/wood-fiber composites. Polymer Engineering and Science, 1998, 38, 1862-1872.	3.1	223
129	A study of cell nucleation in the extrusion of polypropylene foams. Polymer Engineering and Science, 1997, 37, 1-10.	3.1	285
130	Effect of the crystallinity and morphology on the microcellular foam structure of semicrystalline polymers. Polymer Engineering and Science, 1996, 36, 2645-2662.	3.1	263