

Catheryn L Jackson

List of Publications by Year in descending order

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21
papers

3,822
citations

686830

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839053

18
g-index

23
all docs

23
docs citations

23
times ranked

3632
citing authors

#	ARTICLE	IF	CITATIONS
1	Flammability Properties of Polymer-Layered-Silicate Nanocomposites. Polypropylene and Polystyrene Nanocomposites. Chemistry of Materials, 2000, 12, 1866-1873.	3.2	1,451
2	The melting behavior of organic materials confined in porous solids. Journal of Chemical Physics, 1990, 93, 9002-9011.	1.2	776
3	The glass transition of organic liquids confined to small pores. Journal of Non-Crystalline Solids, 1991, 131-133, 221-224.	1.5	394
4	Dendrimer Templates for the Formation of Gold Nanoclusters. Macromolecules, 2000, 33, 6042-6050.	2.2	367
5	Vitrification and Crystallization of Organic Liquids Confined to Nanoscale Pores. Chemistry of Materials, 1996, 8, 2128-2137.	3.2	278
6	Visualization of Dendrimer Molecules by Transmission Electron Microscopy (TEM): Staining Methods and Cryo-TEM of Vitrified Solutions. Macromolecules, 1998, 31, 6259-6265.	2.2	219
7	Characterization of the Dispersion of Clay in a Polyetherimide Nanocomposite. Macromolecules, 2001, 34, 2735-2738.	2.2	89
8	Epoxy/SiO ₂ Interpenetrating Polymer Networks. Polymers for Advanced Technologies, 1996, 7, 333-339.	1.6	53
9	A Shear-Induced Martensitic-like Transformation in a Block Copolymer Melt. Macromolecules, 1995, 28, 713-722.	2.2	43
10	The influence of shear on the ordering temperature of a triblock copolymer melt. Journal of Chemical Physics, 1996, 104, 1589-1599.	1.2	35
11	On the Anomalous Freezing and Melting of Solvent Crystals in Swollen Gels of Natural Rubber. Rubber Chemistry and Technology, 1991, 64, 760-768.	0.6	33
12	The Unique Ribbon Morphology of the Major Ampullate Silk of Spiders from the Genus <i>Loxosceles</i> (Recluse Spiders). Biomacromolecules, 2002, 3, 5-8.	2.6	16
13	Phase separation kinetics and morphology in a polymer blend with diblock copolymer additive. Journal of Polymer Research, 1996, 3, 139-150.	1.2	15
14	Morphology and structure of poly(p-phenylene terephthalamide) crystallized from dilute organic solution. Polymer, 1993, 34, 5011-5015.	1.8	9
15	Acrylic/urethane hybrid liquid encapsulants for photovoltaic modules. Solar Energy Materials and Solar Cells, 2017, 165, 103-110.	3.0	9
16	Model Friction Studies of Chemical Mechanical Planarization Using a Pin-on-Disk Tribometer. Tribology Letters, 2019, 67, 1.	1.2	7
17	Design and Fabrication of Polyolefin-Acrylic Hybrid Latex Particles. ACS Applied Polymer Materials, 2019, 1, 3185-3195.	2.0	6
18	Effects of freezing and thawing on the microstructure of latex paints. Journal of Colloid and Interface Science, 2013, 392, 183-193.	5.0	3

#	ARTICLE	IF	CITATIONS
19	Advancements in Liquid Damping Materials. , 0, , .		1
20	Synthesis and Characterization of Organic/Inorganic Interpenetrating Polymer Networks. Materials Research Society Symposia Proceedings, 1995, 385, 179.	0.1	0
21	The Significance of Percolation on the Dynamics of Polymer Chains Bound to Carbon Black. Materials Research Society Symposia Proceedings, 2000, 661, KK4.2.1.	0.1	0