

Maruti Hegde

List of Publications by Year in descending order

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759233

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#	ARTICLE	IF	CITATIONS
1	High-Strength Liquid Crystal Polymer–Graphene Oxide Nanocomposites from Water. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 16592-16600.	8.0	4
2	Chemistry and Properties of Cross-Linked All-Aromatic Hyperbranched Polyaryletherketones. <i>Macromolecules</i> , 2022, 55, 100-112.	4.8	5
3	3D Printing Carbonaceous Objects from Polyimide Pyrolysis. <i>ACS Macro Letters</i> , 2021, 10, 412-418.	4.8	14
4	Supramolecular Salts for Additive Manufacturing of Polyimides. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 48061-48070.	8.0	9
5	Tunable Anion Exchange Membrane Conductivity and Permselectivity via Non-Covalent, Hydrogen Bond Cross-Linking. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52647-52658.	8.0	6
6	Liquid crystal thermosets. A new class of high-performance materials. <i>Liquid Crystals</i> , 2020, 47, 2016-2026.	2.2	6
7	Irreversible Shear-Activated Gelation of a Liquid Crystalline Polyelectrolyte. <i>ACS Macro Letters</i> , 2020, 9, 957-963.	4.8	6
8	3D Printing Latex: A Route to Complex Geometries of High Molecular Weight Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 10918-10928.	8.0	46
9	Strong graphene oxide nanocomposites from aqueous hybrid liquid crystals. <i>Nature Communications</i> , 2020, 11, 830.	12.8	30
10	Synthesis and Characterization of Long-Chain Branched Poly(ether imide)s with A3 Comonomers. <i>ACS Applied Polymer Materials</i> , 2020, 2, 958-965.	4.4	5
11	Synthesis and characterization of aromatic-PDMS segmented block copolymers and their shape-memory performance. <i>Polymer Chemistry</i> , 2019, 10, 5052-5069.	3.9	17
12	Nanofibrillar Ionic Polymer Composites Enable High-Modulus Ion-Conducting Membranes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40551-40563.	8.0	18
13	Synthesis and characterization of a nematic fully aromatic polyester based on biphenyl 3,4-dicarboxylic acid. <i>Polymer Chemistry</i> , 2019, 10, 4287-4296.	3.9	9
14	Double helical conformation and extreme rigidity in a rodlike polyelectrolyte. <i>Nature Communications</i> , 2019, 10, 801.	12.8	36
15	All-aromatic SWCNT-Polyetherimide nanocomposites for thermal energy harvesting applications. <i>Composites Science and Technology</i> , 2018, 156, 158-165.	7.8	55
16	Synthesis and characterization of isocyanate-free polyureas. <i>Green Chemistry</i> , 2018, 20, 243-249.	9.0	40
17	3D Printing All-Aromatic Polyimides using Mask Projection Stereolithography: Processing the Nonprocessable. <i>Advanced Materials</i> , 2017, 29, 1701240.	21.0	131
18	Molecular ordering in the high-temperature nematic phase of an all-aromatic liquid crystal. <i>Soft Matter</i> , 2016, 12, 2309-2314.	2.7	10

#	ARTICLE	IF	CITATIONS
19	The role of crystallinity in SWCNT-polyetherimide nanocomposites. Composites Science and Technology, 2015, 110, 176-187.	7.8	33
20	SWCNT induced crystallization in amorphous and semi-crystalline poly(etherimide)s: Morphology and thermo-mechanical properties. Polymer, 2014, 55, 3746-3757.	3.8	25
21	SWCNT Induced Crystallization in an Amorphous All-Aromatic Poly(ether imide). Macromolecules, 2013, 46, 1492-1503.	4.8	34