

Robert H Lambeth

List of Publications by Year in descending order

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30
papers

907
citations

566801

15
h-index

454577

30
g-index

33
all docs

33
docs citations

33
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid Exfoliation of Imine-Linked Covalent Organic Frameworks Enables Solution Processing into Crystalline Thin Films. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5165-5171.	7.2	128
2	Organocatalytic synthesis of (poly)hydroxyurethanes from cyclic carbonates and amines. <i>Polymer</i> , 2013, 54, 5568-5573.	1.8	116
3	Recycled polyethylene terephthalate as a new FFF feedstock material. <i>Additive Manufacturing</i> , 2018, 21, 174-182.	1.7	116
4	Highly Stereoselective Saucy-Marbet Rearrangement Using Chiral Ynamides. Synthesis of Highly Substituted Chiral Homoallenyl Alcohols. <i>Organic Letters</i> , 2003, 5, 2663-2666.	2.4	75
5	Light-Induced Shape Changes in Azobenzene Functionalized Polymers Prepared by Ring-Opening Metathesis Polymerization. <i>Macromolecules</i> , 2007, 40, 1838-1842.	2.2	55
6	Role of Metal-Ligand Bond Strength and Phase Separation on the Mechanical Properties of Metallopolymer Films. <i>Macromolecules</i> , 2013, 46, 5416-5422.	2.2	55
7	Synthesis and Aggregation Behavior of Thermally Responsive Star Polymers. <i>Langmuir</i> , 2006, 22, 6352-6360.	1.6	53
8	Synthesis of chiral allenes from ynamides through a highly stereoselective Saucy-Marbet rearrangement. <i>Tetrahedron</i> , 2006, 62, 3928-3938.	1.0	40
9	Mechanical and adhesive properties of hybrid epoxy-polyhydroxyurethane network polymers. <i>Polymer</i> , 2019, 183, 121881.	1.8	35
10	Acid Exfoliation of Imine-Linked Covalent Organic Frameworks Enables Solution Processing into Crystalline Thin Films. <i>Angewandte Chemie</i> , 2020, 132, 5203-5209.	1.6	31
11	Cationic Comb Polymer Superdispersants for Colloidal Silica Suspensions. <i>Langmuir</i> , 2009, 25, 6787-6792.	1.6	28
12	Methods for removal of residual catalyst from polymers prepared by ring opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5752-5757.	2.5	27
13	Metallopolymers Containing Excess Metal-Ligand Complex for Improved Mechanical Properties. <i>Macromolecules</i> , 2014, 47, 4144-4150.	2.2	21
14	Progress in hybrid non-isocyanate polyurethanes. <i>Polymer International</i> , 2021, 70, 696-700.	1.6	17
15	Nonisocyanate polyurethanes from six-membered cyclic carbonates: Catalysis and side reactions. <i>Journal of Applied Polymer Science</i> , 2017, 134, 44941.	1.3	16
16	Proximity field nanopatterning of azopolymer thin films. <i>Nanotechnology</i> , 2010, 21, 165301.	1.3	15
17	Synthesis and Characterization of Segmented Polyurethanes Containing Trisaminocyclopropenium Carbocations. <i>ACS Macro Letters</i> , 2018, 7, 846-851.	2.3	13
18	Strong process-structure interaction in stoveable poly(urethane-urea) aligned carbon nanotube nanocomposites. <i>Composites Science and Technology</i> , 2018, 166, 115-124.	3.8	11

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19	Tuning the Morphology of an Acrylate-Based Metallo-Supramolecular Network: From Vesicles to Cylinders. <i>Macromolecules</i> , 2018, 51, 1636-1643.	2.2	11
20	Exploiting the Site Selectivity of Perfluoropyridine for Facile Access to Densified Polyarylene Networks for Carbon-Rich Materials. <i>ACS Macro Letters</i> , 2020, 9, 964-968.	2.3	9
21	Molecular dynamics study of competing hydrogen bonding interactions in multicomponent diffusion in polyurethanes. <i>Polymer</i> , 2018, 140, 140-149.	1.8	6
22	Solvent-Assisted Desorption of 2,5-Lutidine from Polyurethane Films. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2155-2164.	1.2	6
23	Highly Crystalline, Free-Standing Covalent Organic Framework Films Produced Directly from Monomer Solutions. <i>ACS Applied Polymer Materials</i> , 2022, 4, 2017-2021.	2.0	6
24	Oxidative Stabilization of Poly(norbornene) Polymers Prepared by Ring Opening Metathesis Polymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014, 51, 962-965.	1.2	4
25	Allylated \hat{I}^2 -Ketoesters as Precursors in Paal-Knorr-Type Pyrrole Synthesis: Preparations of Chiral and Bispyrroles. <i>Synthesis</i> , 2004, 2004, 918-922.	1.2	3
26	DFT study of metal-complex structural variation on tensile force profiles. <i>Chemical Physics Letters</i> , 2012, 554, 96-101.	1.2	3
27	High-Voltage Poling of Bulk Guest-Host Polymers. <i>ACS Symposium Series</i> , 2010, , 97-109.	0.5	2
28	Composition-dependent multicomponent diffusivity of 2,5-lutidine with acetonitrile in polyurethane. <i>Polymer</i> , 2019, 180, 121697.	1.8	2
29	Metallo-supramolecular Crosslinked Polyurethanes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2019, 57, 1744-1757.	2.4	2
30	Highly Stereoselective Saucy-Marbet Rearrangement Using Chiral Ynamides. Synthesis of Highly Substituted Chiral Homoallenyl Alcohols.. <i>ChemInform</i> , 2003, 34, no.	0.1	0