

# Louis M Pitet

## List of Publications by Year in descending order

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32  
papers

1,966  
citations

361413

20  
h-index

434195

31  
g-index

32  
all docs

32  
docs citations

32  
times ranked

2878  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tough Stimuli-Responsive Supramolecular Hydrogels with Hydrogen-Bonding Network Junctions. <i>Journal of the American Chemical Society</i> , 2014, 136, 6969-6977.	13.7	525
2	Synthesis and Self-Assembly of Discrete Dimethylsiloxane- <i>l</i> -Lactic Acid Diblock Co-oligomers: The Dononacontamer and Its Shorter Homologues. <i>Journal of the American Chemical Society</i> , 2016, 138, 4210-4218.	13.7	131
3	Regio- and Stereoselective Ring-Opening Metathesis Polymerization of 3-Substituted Cyclooctenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 5794-5797.	13.7	124
4	Nanoporous Linear Polyethylene from a Block Polymer Precursor. <i>Journal of the American Chemical Society</i> , 2010, 132, 8230-8231.	13.7	106
5	Consequences of Polylactide Stereochemistry on the Properties of Polylactide-Polymenthide-Polylactide Thermoplastic Elastomers. <i>Biomacromolecules</i> , 2009, 10, 2904-2911.	5.4	101
6	Tough Polylactide Graft Copolymers. <i>Macromolecules</i> , 2010, 43, 7394-7397.	4.8	98
7	Polymerizations in Continuous Flow: Recent Advances in the Synthesis of Diverse Polymeric Materials. <i>ACS Macro Letters</i> , 2020, 9, 123-133.	4.8	98
8	Linear and Branched Architectures from the Polymerization of Lactide with Glycidol. <i>Macromolecules</i> , 2007, 40, 2327-2334.	4.8	84
9	Combining Ring-Opening Metathesis Polymerization and Cyclic Ester Ring-Opening Polymerization To Form ABA Triblock Copolymers from 1,5-Cyclooctadiene and <i>d,l</i> -Lactide. <i>Macromolecules</i> , 2009, 42, 3674-3680.	4.8	75
10	Carboxy-Telechelic Polyolefins by ROMP Using Maleic Acid as a Chain Transfer Agent. <i>Macromolecules</i> , 2011, 44, 2378-2381.	4.8	70
11	Investigation of the role of hydrophilic chain length in amphiphilic perfluoropolyether/poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overloc 2.2 69	4.8	69
12	Nanostructured Supramolecular Block Copolymers Based on Polydimethylsiloxane and Polylactide. <i>ACS Macro Letters</i> , 2013, 2, 1006-1010.	4.8	62
13	Well-Organized Dense Arrays of Nanodomains in Thin Films of Poly(dimethylsiloxane)- <i>b</i> -poly(lactide) Diblock Copolymers. <i>Macromolecules</i> , 2013, 46, 8289-8295.	4.8	55
14	Branched Block Copolymers for Tuning of Morphology and Feature Size in Thin Film Nanolithography. <i>Macromolecules</i> , 2016, 49, 2318-2326.	4.8	47
15	Synthesis of Linear, H-Shaped, and Arachnearm Block Copolymers By Tandem Ring-Opening Polymerizations. <i>Macromolecules</i> , 2010, 43, 8018-8025.	4.8	40
16	Trends in Double Networks as Bioprintable and Injectable Hydrogel Scaffolds for Tissue Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4077-4101.	5.2	37
17	Ring-Opening Metathesis Polymerization of a Diolefinic [2]-Catenane- <i>l</i> -Copper(I) Complex: An Easy Route to Polycatenanes. <i>Macromolecules</i> , 2015, 48, 1358-1363.	4.8	35
18	Functionalized regio-regular linear polyethylenes from the ROMP of 3-substituted cyclooctenes. <i>Applied Petrochemical Research</i> , 2015, 5, 19-25.	1.3	35

#	ARTICLE	IF	CITATIONS
19	Sequential ROMP of cyclooctenes as a route to linear polyethylene block copolymers. Dalton Transactions, 2013, 42, 9079.	3.3	26
20	Bio-Based Upcycling of Poly(ethylene terephthalate) Waste for the Preparation of High-Performance Thermoplastic Copolyesters. Macromolecules, 2022, 55, 1042-1049.	4.8	20
21	Biomimetic double network hydrogels: Combining dynamic and static crosslinks to enable biofabrication and control cell-matrix interactions. Journal of Polymer Science, 2021, 59, 2832-2843.	3.8	18
22	High Modulus, Low Surface Energy, Photochemically Cured Materials from Liquid Precursors. Macromolecules, 2010, 43, 10397-10405.	4.8	15
23	Reactive triblock polymers from tandem ring-opening polymerization for nanostructured vinyl thermosets. Polymer Chemistry, 2012, 3, 1827-1837.	3.9	15
24	The effect of pendant benzene-1,3,5-tricarboxamides in the middle block of ABA triblock copolymers: synthesis and mechanical properties. Polymer Chemistry, 2014, 5, 1463-1470.	3.9	14
25	Tough Hybrid Hydrogels Adapted to the Undergraduate Laboratory. Journal of Chemical Education, 2020, 97, 2006-2013.	2.3	13
26	Synthesis, assembly, and cross-linking of polymer amphiphiles in situ: polyurethane-core-shell particles. Polymer Chemistry, 2013, 4, 2546.	3.9	11
27	Probing the Effect of Molecular Nonuniformity in Directed Self-Assembly of Diblock Copolymers in Nanoconfined Space. ACS Nano, 2015, 9, 9594-9602.	14.6	10
28	Dispersity and architecture driven self-assembly and confined crystallization of symmetric branched block copolymers. Polymer Chemistry, 2019, 10, 5385-5395.	3.9	10
29	Sequence-defined nucleobase containing oligomers <i>via</i> reversible addition-fragmentation chain transfer single monomer addition. Polymer Chemistry, 2020, 11, 2027-2033.	3.9	9
30	Fully biobased triblock copolymers generated using an unconventional oscillatory plug flow reactor. Polymer Chemistry, 2022, 13, 4406-4415.	3.9	6
31	Utility of Chemical Upcycling in Transforming Postconsumer PET to PBT-Based Thermoplastic Copolyesters Containing a Renewable Fatty-Acid-Derived Soft Block. ACS Polymers Au, 2022, 2, 351-360.	4.1	5
32	Mechanically versatile isosorbide-based thermoplastic copolyetheresters with a poly(ethylene glycol) soft segment. Journal of Polymer Science, 0, , .	3.8	2