

# Le-Thu T Nguyen

## List of Publications by Year in descending order

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26  
papers

1,001  
citations

516710

16  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1390  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Pot Thermo-Remendable Shape Memory Polyurethanes. <i>Macromolecules</i> , 2014, 47, 2010-2018.	4.8	194
2	Kinetic comparison of 13 homogeneous thiolâ€“X reactions. <i>Polymer Chemistry</i> , 2013, 4, 5527.	3.9	99
3	Autonomous Selfâ€“Healing of Epoxy Thermosets with Thiolâ€“isocyanate Chemistry. <i>Advanced Functional Materials</i> , 2014, 24, 5575-5583.	14.9	92
4	One-pot, additive-free preparation of functionalized polyurethanes via amineâ€“thiolâ€“ene conjugation. <i>Polymer Chemistry</i> , 2013, 4, 2449.	3.9	89
5	Tailoring the Hardâ€“Soft Interface with Dynamic Dielsâ€“Alder Linkages in Polyurethanes: Toward Superior Mechanical Properties and Healability at Mild Temperature. <i>Chemistry of Materials</i> , 2019, 31, 2347-2357.	6.7	78
6	The impact of different multi-walled carbon nanotubes on the X-band microwave absorption of their epoxy nanocomposites. <i>Chemistry Central Journal</i> , 2015, 9, 10.	2.6	61
7	Healable shape memory (thio)urethane thermosets. <i>Polymer Chemistry</i> , 2015, 6, 3143-3154.	3.9	60
8	Metal-Free Functionalization of Linear Polyurethanes by Thiol-Maleimide Coupling Reactions. <i>Macromolecules</i> , 2011, 44, 7874-7878.	4.8	57
9	Efficient microencapsulation of a liquid isocyanate with in situ shell functionalization. <i>Polymer Chemistry</i> , 2015, 6, 1159-1170.	3.9	42
10	Study of Dielsâ€“Alder reactions between furan and maleimide model compounds and the preparation of a healable thermoâ€“reversible polyurethane. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1806-1814.	2.3	34
11	Providing polyurethane foams with functionality: a kinetic comparison of different â€œclickâ€“and coupling reaction pathways. <i>Polymer Chemistry</i> , 2013, 4, 1546-1556.	3.9	29
12	Synthesis of poly(3-hexylthiophene) based rodâ€“coil conjugated block copolymers via photoinduced metal-free atom transfer radical polymerization. <i>Polymer Chemistry</i> , 2018, 9, 2484-2493.	3.9	21
13	Thermally mendable material based on a furyl-telechelic semicrystalline polymer and a maleimide crosslinker. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	19
14	Macromolecular design of a reversibly crosslinked shape-memory material with thermo-healability. <i>Polymer</i> , 2020, 188, 122144.	3.8	18
15	Multi-Block Polyurethanes via RAFT End-Group Switching and Their Characterization by Advanced Hyphenated Techniques. <i>Macromolecules</i> , 2012, 45, 6353-6362.	4.8	17
16	Functionalization of polyurethanes by incorporation of alkyne side-groups to oligodiols and subsequent thiolâ€“yne post-modification. <i>European Polymer Journal</i> , 2013, 49, 3573-3581.	5.4	17
17	Synthesis of a Novel Fluorescent Cyanide Chemosensor Based on Photoswitching Poly(pyrene-1-ylmethyl-methacrylate-random-methyl methacrylate spirooxazine). <i>Macromolecular Research</i> , 2019, 27, 25-32.	2.4	16
18	Poly( $\mu$ -caprolactone) networks with tunable thermoresponsive shape memory via a facile photo-initiated thiolâ€“ene pathway. <i>Journal of Materials Science</i> , 2018, 53, 2236-2252.	3.7	15

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19	Synthesis of allyl endâ€block functionalized poly( $\epsilon$ -caprolactone)s and their facile postâ€functionalization via thiolâ€ene reaction. <i>Journal of Polymer Science Part A</i> , 2017, 55, 928-939.	2.3	8
20	A reversible healable epoxy network containing dynamic weak covalent crosslinks. <i>Polymer Degradation and Stability</i> , 2020, 182, 109384.	5.8	8
21	Synthesis and characterization of diblock copolymers based on poly(3-hexylthiophene) and photo-responsive poly(methyl methacrylate-random-2-methyl methaspirooxazine). <i>Designed Monomers and Polymers</i> , 2015, 18, 271-283.	1.6	7
22	Efficient synthesis of a rod-coil conjugated graft copolymer by combination of thiol-maleimide chemistry and MOF-catalyzed photopolymerization. <i>European Polymer Journal</i> , 2019, 116, 190-200.	5.4	7
23	Synthesis and optical investigation of amphiphilic diblock copolymers containing regioregular poly(3-hexylthiophene) via post-polymerization modification. <i>Synthetic Metals</i> , 2016, 217, 172-184.	3.9	5
24	Synthesis and characterization of three-arm star-shaped conjugated poly(3-hexylthiophene)s: impact of the core structure on optical properties. <i>Polymer International</i> , 2015, 64, 1649-1659.	3.1	4
25	Poly(L-glutamic acid) via catalytical hydrogenation for the fabrication of carbon nanotube nanocomposites. <i>Materials Research</i> , 2021, 24, .	1.3	4
26	Organic Photocatalysts Based on Dithieno[3,2-b:2â€ <sup>2</sup> ,3â€ <sup>2</sup> -d]pyrrole for Photoinduced Metal-Free Atom Transfer Radical Polymerization. <i>Macromolecular Research</i> , 2021, 29, 791-799.	2.4	0