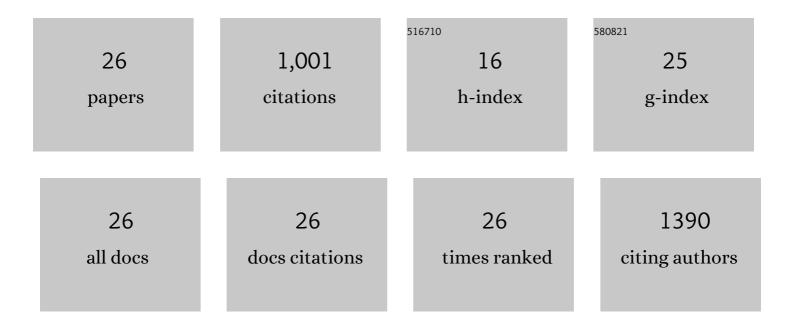
## Le-Thu T Nguyen

List of Publications by Year in descending order

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LE-THU T NOUVEN

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

LE-THU T NGUYEN

#	Article	IF	CITATIONS
19	Synthesis of allyl endâ€block functionalized poly(εâ€caprolactone)s and their facile postâ€functionalization via thiol–ene reaction. Journal of Polymer Science Part A, 2017, 55, 928-939.	2.3	8
20	A reversible healable epoxy network containing dynamic weak covalent crosslinks. Polymer Degradation and Stability, 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). Designed Monomers and Polymers, 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. European Polymer Journal, 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. Synthetic Metals, 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. Polymer International, 2015, 64, 1649-1659.	3.1	4
25	Poly(L-glutamic acid) via catalytical hydrogenation for the fabrication of carbon nanotube nanocomposites. Materials Research, 2021, 24, .	1.3	4
26	Organic Photocatalysts Based on Dithieno[3,2-b:2′,3′-d]pyrrole for Photoinduced Metal-Free Atom Transfer Radical Polymerization. Macromolecular Research, 2021, 29, 791-799.	2.4	0