

Ha Tran Nguyen

List of Publications by Year in descending order

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32
papers

421
citations

759233

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#	ARTICLE	IF	CITATIONS
1	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
2	Healable shape memory (thio)urethane thermosets. <i>Polymer Chemistry</i> , 2015, 6, 3143-3154.	3.9	60
3	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
4	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
5	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
6	Novel regioregular poly(3-hexylthiophene)-based polycationic block copolymers. <i>Polymer Bulletin</i> , 2011, 66, 51-64.	3.3	18
7	Macromolecular design of a reversibly crosslinked shape-memory material with thermo-healability. <i>Polymer</i> , 2020, 188, 122144.	3.8	18
8	Synthesis of a Novel Fluorescent Cyanide Chemosensor Based on Photoswitching Poly(pyrene-1-ylmethyl-methacrylate-random-methyl methacrylate-random-methacrylate spirooxazine). <i>Macromolecular Research</i> , 2019, 27, 25-32.	2.4	16
9	Poly(μ -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
10	Amphiphilic Poly(3-hexylthiophene)-Based Semiconducting Copolymers for Printing of Polyelectrolyte-Gated Organic Field-Effect Transistors. <i>Macromolecules</i> , 2013, 46, 4548-4557.	4.8	14
11	Synthesis of hyperbranched conjugated polymers based on 3-hexylthiophene, triphenylamine and benzo [c] [1,2,5] thiadiazole moieties: convenient synthesis through suzuki polymerization and impact of structures on optical properties. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	12
12	Amphiphilic semiconducting copolymer as compatibility layer for printing polyelectrolyte-gated OFETs. <i>Organic Electronics</i> , 2013, 14, 790-796.	2.6	11
13	Phenothiazine derivatives, diketopyrrolopyrrole-based conjugated polymers: synthesis, optical and organic field effect transistor properties. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	9
14	A reversible healable epoxy network containing dynamic weak covalent crosslinks. <i>Polymer Degradation and Stability</i> , 2020, 182, 109384.	5.8	8
15	Synthesis and characterization of donorâ€“acceptor semiconducting polymers containing 4-(4-((2-ethylhexyl)oxy)phenyl)-4<i>H</i>-dithieno[3,2- <i>b< <i="" cells.="" for="" i>:2â€“<i>3â€“<="" i>]pyrrole="" i>d<="" organic="" solar="">New Journal of Chemistry, 2020, 44, 16900-16912.</i>b<>	2.8	8
16	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
17	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
18	One-pot synthesis of star-shaped conjugated oligomers based on 3-hexylthiophene, pyrene and triphenylamine as TNT chemosensors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 394, 112496.	3.9	6

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19	Heterogeneous Catalytic Ozonation of Aqueous <i>p</i> -nitrophenol over MIL-100(Fe) Metal-Organic Framework. <i>Ozone: Science and Engineering</i> , 2022, 44, 414-425.	2.5	6
20	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
21	Direct (hetero)arylation polymerization for the synthesis of donor-acceptor conjugated polymers based on <i>N</i> -benzoyldithieno [3,2- <i>b</i> :2',3'- <i>d</i>]pyrrole and diketopyrrolopyrrole toward organic photovoltaic cell application. <i>Polymer International</i> , 2019, 68, 1776-1786.	3.1	5
22	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
23	Poly(L-glutamic acid) via catalytic hydrogenation for the fabrication of carbon nanotube nanocomposites. <i>Materials Research</i> , 2021, 24, .	1.3	4
24	Donor-acceptor and donor-donor alternating conjugated polymers based on dithieno[3,2- <i>b</i> :2',3'- <i>d</i>]pyrrole: synthesis, optical properties and organic solar cells applications. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	4
25	Thiacalix[3]Triazine-centered regioregular poly(3-hexylthiophene) star: synthesis, structure and anion binding. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	3
26	Synthesis and characterization of the photoswitchable poly(methyl methacrylate-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 462 Jd (random	0.7	3
27	<i>N</i> -Benzoyl dithieno[3,2- <i>b</i> :2',3'- <i>d</i>]pyrrole-based hyperbranched polymers by direct arylation polymerization. <i>Chemistry Central Journal</i> , 2017, 11, 135.	2.6	2
28	10-(pyren-1-yl)-10 <i>h</i> -phenothiazine and pyrene as organic catalysts for photoinitiated ATRP of 4-vinylpyridine. <i>Polimeros</i> , 2021, 31, .	0.7	2
29	New narrow bandgap polymers containing 10-(4-((2-ethylhexyl)oxy)phenyl)-10 <i>H</i> -phenothiazine/phenoxazine and <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 10194-10208.	2.2	2
30	Synthesis of novel organocatalyzed phenoxazine for free metal atom transfer radical polymerization. <i>Polimeros</i> , 2020, 30, .	0.7	0
31	Organic Photocatalysts Based on Dithieno[3,2- <i>b</i> :2',3'- <i>d</i>]pyrrole for Photoinduced Metal-Free Atom Transfer Radical Polymerization. <i>Macromolecular Research</i> , 2021, 29, 791-799.	2.4	0
32	Synthesis of Conjugated Molecules Based on Dithienopyrrole Derivatives and Pyrene as Chemosensor for Mesotrione Detection. <i>Journal of the Brazilian Chemical Society</i> , 0, .	0.6	0