

# Gurkan Hizal

## List of Publications by Year in descending order

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139  
papers

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citations

61945

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g-index

140  
all docs

140  
docs citations

140  
times ranked

3133  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Controlled/living radical polymerization. <i>Materials Today</i> , 2005, 8, 26-33.  | 8.3 | 401       |
| 2  | Anthracene- $\pi$ -Maleimide-Based Diels-Alder "Click Chemistry" as a Novel Route to Graft Copolymers. <i>Macromolecules</i> , 2006, 39, 5330-5336.   | 2.2 | 271       |
| 3  | One-Pot Synthesis of ABC Type Triblock Copolymers via in situ Click [3 + 2] and Diels-Alder [4 + 2] Reactions. <i>Macromolecules</i> , 2007, 40, 191-198.   | 2.2 | 224       |
| 4  | Double click reaction strategies for polymer conjugation and post-functionalization of polymers. <i>Polymer Chemistry</i> , 2012, 3, 825-835.   | 1.9 | 180       |
| 5  | ABC-type hetero-arm star terpolymers through "Click" chemistry. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5699-5707.   | 2.5 | 174       |
| 6  | A <sub>3</sub> -type star polymers via click chemistry. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6458-6465.   | 2.5 | 130       |
| 7  | Discrete macromolecular constructs via the Diels-Alder "Click" reaction. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4103-4120.  | 2.5 | 126       |
| 8  | Preparation of block copolymers via Diels Alder reaction of maleimide- and anthracene-end functionalized polymers. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1667-1675.  | 2.5 | 119       |
| 9  | Synthesis and Characterization of Macrophotoinitiators of Poly( $\mu$ -caprolactone) and Their Use in Block Copolymerization. <i>Macromolecules</i> , 2002, 35, 8265-8270.  | 2.2 | 107       |
| 10 | Preparation of 3-arm star polymers ( $A_{3<sub>3</sub>}$ ) via Diels-Alder click reaction. <i>Journal of Polymer Science Part A</i> , 2008, 46, 302-313.  | 2.5 | 102       |
| 11 | Preparation of ABC miktoarm star terpolymer containing poly(ethylene glycol), polystyrene, and poly(tert-butylacrylate) arms by combining diels-alder reaction, atom transfer radical, and stable free radical polymerization routes. <i>Journal of Polymer Science Part A</i> , 2006, 44, 499-509. | 2.5 | 100       |
| 12 | Heterograft copolymers via double click reactions using one-pot technique. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6969-6977.  | 2.5 | 98        |
| 13 | Novel miktofunctional initiator for the preparation of an ABC-type miktoarm star polymer via a combination of controlled polymerization techniques. <i>Journal of Polymer Science Part A</i> , 2004, 42, 4228-4236.   | 2.5 | 95        |
| 14 | Effect of phenol and derivatives on atom transfer radical polymerization in the presence of air. <i>Journal of Polymer Science Part A</i> , 2004, 42, 351-359.  | 2.5 | 90        |
| 15 | One-pot synthesis of star-block copolymers using double click reactions. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7091-7100.  | 2.5 | 86        |
| 16 | Initiation of cationic polymerization via oxidation of free radicals using pyridinium salts. <i>Polymer</i> , 1991, 32, 2289-2293.  | 1.8 | 85        |
| 17 | One-pot preparation of 3-miktoarm star terpolymers via click [3 + 2] reaction. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3588-3598.  | 2.5 | 82        |
| 18 | ABCD 4-miktoarm star quarterpolymers using click [3 + 2] reaction strategy. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1218-1228.   | 2.5 | 80        |

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|----|---|-----|-----------|
| 19 | Charge-transfer complexes of pyridinium ions and methyl- and methoxy-substituted benzenes as photoinitiators for the cationic polymerization of cyclohexene oxide and related compounds. <i>Polymer</i> , 1994, 35, 2428-2431.    | 1.8 | 79        |
| 20 | Photosensitized cationic polymerization of cyclohexene oxide: A mechanistic study concerning the use of pyridinium-type salts. <i>Polymer</i> , 1996, 37, 2821-2826.  | 1.8 | 79        |
| 21 | Synthesis of miktoarm star and miktoarm star block copolymers via a combination of atom transfer radical polymerization and stable free-radical polymerization. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2542-2548.   | 2.5 | 75        |
| 22 | Heteroarm H-shaped terpolymers through the combination of the Diels-Alder reaction and controlled/living radical polymerization techniques. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3947-3957.                       | 2.5 | 72        |
| 23 | N-alkoxy pyridinium ion terminated polytetrahydrofurans. Synthesis and their use in photoinitiated block copolymerization. <i>Polymer</i> , 1994, 35, 4443-4448.  | 1.8 | 69        |
| 24 | Multiarmed star block copolymers via Diels-Alder click reaction. <i>Journal of Polymer Science Part A</i> , 2009, 47, 178-187.  | 2.5 | 69        |
| 25 | Cyclic homo and block copolymers through sequential double click reactions. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5083-5091.   | 2.5 | 69        |
| 26 | An emerging post-polymerization modification technique: The promise of thiol-fluoro click reaction. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1181-1198.   | 2.5 | 66        |
| 27 | Dendrimer-like miktoarm star terpolymers: A $3 \times 3$ via click reaction strategy. <i>Journal of Polymer Science Part A</i> , 2008, 46, 5916-5928.   | 2.5 | 62        |
| 28 | Facile synthesis of AB <sub>2</sub> -type miktoarm star polymers through the combination of atom transfer radical polymerization and ring-opening polymerization. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2313-2320. | 2.5 | 61        |
| 29 | Heteroarm H-shaped terpolymers through click reaction. <i>Journal of Polymer Science Part A</i> , 2007, 45, 1055-1065.  | 2.5 | 61        |
| 30 | H-shaped (ABCDE type) quintopolymer via click reaction [3 + 2] strategy. <i>Journal of Polymer Science Part A</i> , 2008, 46, 4459-4468.  | 2.5 | 58        |
| 31 | ROMP-NMP-ATRP combination for the preparation of 3-miktoarm star terpolymer via click chemistry. <i>Journal of Polymer Science Part A</i> , 2009, 47, 497-504.  | 2.5 | 58        |
| 32 | Postfunctionalization of polyoxanorbornene via sequential Michael addition and radical thiol-ene click reactions. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3116-3125.   | 2.5 | 52        |
| 33 | Ultrafast and efficient aza- and thiol-Michael reactions on a polyester scaffold with internal electron deficient triple bonds. <i>Polymer Chemistry</i> , 2018, 9, 3037-3054.  | 1.9 | 52        |
| 34 | Block-brush copolymers via ROMP and sequential double click reaction strategy. <i>Journal of Polymer Science Part A</i> , 2011, 49, 886-892.  | 2.5 | 51        |
| 35 | One-pot double click reactions for the preparation of H-shaped ABCDE type quintopolymer. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3409-3418.  | 2.5 | 49        |
| 36 | Synthesis of asymmetric difunctional initiators and their use in the preparation of block copolymers via ATRP and SFRP. <i>Polymer</i> , 2001, 42, 8489-8493.   | 1.8 | 48        |

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|----|---|-----|-----------|
| 37 | Extremely Rapid Polythioether Synthesis in the Presence of TBD. <i>Macromolecules</i> , 2019, 52, 3558-3572.  | 2.2 | 48        |
| 38 | Air-stable and recoverable catalyst for copper-catalyzed controlled/living radical polymerization of styrene; In situ generation of Cu(I) species via electron transfer reaction. <i>Journal of Polymer Science Part A</i> , 2006, 44, 77-87. | 2.5 | 47        |
| 39 | Multiarm star triblock terpolymers via sequential double click reactions. <i>Journal of Polymer Science Part A</i> , 2010, 48, 1557-1564.   | 2.5 | 46        |
| 40 | Synthesis and characterization of well-defined ABC-type triblock copolymers via atom transfer radical polymerization and stable free-radical polymerization. <i>Journal of Polymer Science Part A</i> , 2002, 40, 2025-2032.                  | 2.5 | 45        |
| 41 | Multiarm star block and multiarm star mixed block copolymers via azide-alkyne click reaction. <i>Journal of Polymer Science Part A</i> , 2010, 48, 99-108.  | 2.5 | 45        |
| 42 | Linear tetrablock quaterpolymers via triple click reactions, azide-alkyne, diels-alder, and nitroxide radical coupling in a one-pot fashion. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1962-1968.                                  | 2.5 | 45        |
| 43 | Photoresponsive poly(methyl methacrylate) <sub>2</sub> -(polystyrene) <sub>2</sub> miktoarm star copolymer containing an azobenzene moiety at the core. <i>Journal of Polymer Science Part A</i> , 2006, 44, 1396-1403.                       | 2.5 | 44        |
| 44 | Block copolymers by combination of cationic and radical routes: 4. Cationic polymerization of tetrahydrofuran initiated by difunctional azo-oxocarbenium initiator. <i>Polymer</i> , 1989, 30, 722-725.                                       | 1.8 | 40        |
| 45 | Synthesis of an ABCD 4-Miktoarm Star Quaterpolymer Through a Diels-Alder Click Reaction. <i>Designed Monomers and Polymers</i> , 2009, 12, 83-98.   | 0.7 | 40        |
| 46 | Graft copolymers via ROMP and Diels-Alder click reaction strategy. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5982-5991.  | 2.5 | 40        |
| 47 | Sequential double polymer click reactions for the preparation of regular graft copolymers. <i>Journal of Polymer Science Part A</i> , 2011, 49, 1195-1200.  | 2.5 | 39        |
| 48 | Photoinitiated radical polymerization using charge transfer complex of <i>N</i> -ethoxy- <i>N</i> -propyl- <i>N</i> -cyanopyridinium salt and 1,2,4-trimethoxybenzene. <i>Polymer International</i> , 1998, 47, 391-392.                      | 1.6 | 38        |
| 49 | 1,3-Dipolar and Diels-Alder cycloaddition reactions on polyester backbones possessing internal electron-deficient alkyne moieties. <i>Polymer Chemistry</i> , 2016, 7, 7094-7100.   | 1.9 | 38        |
| 50 | Nucleophilic Thiol-yne reaction in Macromolecular Engineering: From synthesis to applications. <i>European Polymer Journal</i> , 2020, 137, 109926.   | 2.6 | 38        |
| 51 | Star polymers with POSS via azide-alkyne click reaction. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5947-5953.  | 2.5 | 37        |
| 52 | 3-miktoarm star terpolymers using triple click reactions: Diels-Alder, copper-catalyzed azide-alkyne cycloaddition, and nitroxide radical coupling reactions. <i>Journal of Polymer Science Part A</i> , 2012, 50, 729-735.                   | 2.5 | 37        |
| 53 | Maleimide-based thiol reactive multiarm star polymers via Diels-Alder/retro Diels-Alder strategy. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2546-2556.   | 2.5 | 35        |
| 54 | An easy way to the preparation of multi-miktoarm star block copolymers via sequential double click reactions. <i>Polymer Chemistry</i> , 2010, 1, 621.  | 1.9 | 35        |

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|----|--|-----|-----------|
| 55 | Heterograft brush copolymers via romp and triple click reaction strategies involving CuAAC, dielsâ€ˆalder, and nitroxide radical coupling reactions. Journal of Polymer Science Part A, 2013, 51, 899-907.   | 2.5 | 35        |
| 56 | A Straightforward Method for Fluorinated Polythioether Synthesis. Macromolecules, 2020, 53, 2965-2975.   | 2.2 | 34        |
| 57 | Modification of electron deficient polyester via Huisgen/Passerini sequence. Polymer, 2017, 127, 45-51.  | 1.8 | 33        |
| 58 | Various brush polymers through ring opening metathesis polymerization and nitroxide radical coupling reaction. Journal of Polymer Science Part A, 2011, 49, 2850-2858.   | 2.5 | 31        |
| 59 | Various polycarbonate graft copolymers via dielsâ€ˆalder click reaction. Journal of Polymer Science Part A, 2012, 50, 4476-4483.   | 2.5 | 31        |
| 60 | Synthesis and characterization of pyrene bearing amphiphilic miktoarm star polymer and its noncovalent interactions with multiwalled carbon nanotubes. Journal of Polymer Science Part A, 2012, 50, 2406-2414.                                     | 2.5 | 28        |
| 61 | A<sub>2</sub>B<sub>2</sub> type miktoarm star copolymers via alkyne homocoupling reaction. Journal of Polymer Science Part A, 2008, 46, 6703-6711.   | 2.5 | 27        |
| 62 | Orthogonal multifunctionalization of aliphatic polycarbonate via sequential Michael addition and radicalâ€ˆthiolâ€ˆene click reactions. Journal of Polymer Science Part A, 2014, 52, 1581-1587.  | 2.5 | 27        |
| 63 | Synthesis and Characterization of Biodegradable Amphiphilic Star and Y-Shaped Block Copolymers as Potential Carriers for Vinorelbine. Polymers, 2014, 6, 214-242.  | 2.0 | 26        |
| 64 | Indirect functionalization of multiwalled carbon nano tubes through non-covalent interaction of functional polyesters. Polymer, 2018, 141, 213-220.  | 1.8 | 26        |
| 65 | Supramolecular glycopolymers with thermo-responsive self-assembly and lectin binding. Polymer Chemistry, 2015, 6, 6623-6631.   | 1.9 | 24        |
| 66 | Noncovalent Pyrene-Polyethylene Glycol Coatings of Carbon Nanotubes Achieve in Vitro Biocompatibility. Langmuir, 2018, 34, 12071-12082.  | 1.6 | 24        |
| 67 | Thiophenol derivatives as a reducing agent for in situ generation of Cu(I) species via electron transfer reaction in copper-catalyzed living/controlled radical polymerization of styrene. Journal of Polymer Science Part A, 2006, 44, 5923-5932. | 2.5 | 23        |
| 68 | Synthesis of block copolymers by transformation of photosensitized cationic polymerization to stable free radical polymerization. Polymer, 1999, 40, 3885-3890.  | 1.8 | 22        |
| 69 | Threeâ€ˆarm star ring opening metathesis polymers via alkyneâ€ˆazide click reaction. Journal of Polymer Science Part A, 2009, 47, 2344-2351.   | 2.5 | 22        |
| 70 | Heterofunctionalized Multiarm Star Polymers via Sequential Thiol- <i>para</i> -Fluoro and Thiol-Ene Double â€ˆClickâ€ˆReactions. Macromolecular Chemistry and Physics, 2016, 217, 636-645.   | 1.1 | 22        |
| 71 | Calix[4]pyrrole-decorated carbon nanotubes on paper for sensing acetone vapor. Sensors and Actuators B: Chemical, 2018, 258, 484-491.  | 4.0 | 22        |
| 72 | Synthesis of hydroxy-terminated polytetrahydrofuran by photoinduced process. Polymer Bulletin, 1995, 35, 567-573.  | 1.7 | 21        |

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|----|---|-----|-----------|
| 73 | Synthesis of A3B3-type polystyrene- <i>b</i> -poly(methyl methacrylate) miktoarm star polymers via combination of stable free radical and atom transfer radical polymerization routes. <i>Designed Monomers and Polymers</i> , 2005, 8, 203-210.  | 0.7 | 21        |
| 74 | Multiarm star polymers with peripheral dendritic PMMA arms through Diels- <i>Alder</i> click reaction. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4842-4846.  | 2.5 | 21        |
| 75 | Extremely fast synthesis of polythioether based phase change materials (PCMs) for thermal energy storage. <i>European Polymer Journal</i> , 2020, 130, 109681.  | 2.6 | 20        |
| 76 | Molecular weight effect on swelling of polymer gels in homopolymer solutions: a fluorescence study. <i>Polymer</i> , 2002, 43, 1925-1931.   | 1.8 | 19        |
| 77 | Synthesis of poly(methyl methacrylate)- <i>b</i> -polystyrene containing a crown ether unit at the junction point via combination of atom transfer radical polymerization and nitroxide mediated radical polymerization routes. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3242-3249. | 2.5 | 19        |
| 78 | Synthesis and characterization of aromatic poly(ether ketone)s containing cyclotriphosphazene units. <i>Journal of Polymer Science Part A</i> , 1998, 36, 1227-1232.  | 2.5 | 18        |
| 79 | Synthesis of tadpole polymers via triple click reactions: Copper-catalyzed azide-alkyne cycloaddition, diels- <i>alder</i> , and nitroxide radical coupling reactions. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1917-1925.  | 2.5 | 17        |
| 80 | On the photolysis of phthalic acid dialkyl esters: a product analysis study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1993, 72, 147-152.  | 2.0 | 16        |
| 81 | Quadruple click reactions for the synthesis of cysteine-terminated linear multiblock copolymers. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2863-2870.  | 2.5 | 16        |
| 82 | A route toward multifunctional polyurethanes using triple click reactions. <i>Journal of Polymer Science Part A</i> , 2016, 54, 480-486.  | 2.5 | 15        |
| 83 | Hand-Held Volatilome Analyzer Based on Elastically Deformable Nanofibers. <i>Analytical Chemistry</i> , 2018, 90, 5122-5129.  | 3.2 | 15        |
| 84 | Rapid Hyperbranched Polythioether Synthesis Through Thiol-Michael Addition Reaction. <i>Journal of Polymer Science</i> , 2020, 58, 824-830.   | 2.0 | 15        |
| 85 | Block copolymers by combination of cationic and radical routes: 5. Polymerization of styrene initiated by 4,4'-azobis(4-cyanopentanoyl chloride). <i>Polymer</i> , 1990, 31, 1803-1806.   | 1.8 | 14        |
| 86 | Quadruple click reactions for the synthesis of cysteine-functional heterograft brush copolymer. <i>European Polymer Journal</i> , 2013, 49, 1796-1802.  | 2.6 | 14        |
| 87 | Polymer grafting onto polyurethane backbone via Diels- <i>Alder</i> reaction. <i>Journal of Polymer Science Part A</i> , 2015, 53, 521-527.   | 2.5 | 14        |
| 88 | All in one: The preparation of polyester/silica hybrid nanocomposites via three different metal-free click reactions. <i>European Polymer Journal</i> , 2021, 154, 110532.  | 2.6 | 14        |
| 89 | Multiarm star polymers with POSS at the periphery. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4835-4841.  | 2.5 | 13        |
| 90 | Diels- <i>Alder</i> click reaction for the preparation of polycarbonate block copolymers. <i>Journal of Polymer Science Part A</i> , 2013, 51, 2252-2259.   | 2.5 | 13        |

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|-----|---|-----|-----------|
| 91  | Acetylene Dicarboxylic Acid Diallyl Ester: A Versatile Monomer for Thiol-ene Photocured Networks. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100427.   | 1.7 | 13        |
| 92  | Ultrafast synthesis of phosphorus-containing polythioethers in the presence of TBD. <i>European Polymer Journal</i> , 2022, 162, 110931.  | 2.6 | 13        |
| 93  | Title is missing!. <i>Angewandte Makromolekulare Chemie</i> , 1987, 154, 169-178.   | 0.3 | 12        |
| 94  | Atom transfer radical polymerization through N-chlorosulfonamides. <i>Journal of Polymer Science Part A</i> , 2001, 39, 2691-2695.  | 2.5 | 12        |
| 95  | Synthesis of tri-arm star di-block co-polymer containing poly(tetrahydrofuran-b-methyl methacrylate) arms via combination of cationic ring-opening polymerization and photosensitized free radical polymerization routes. <i>Designed Monomers and Polymers</i> , 2005, 8, 609-617. | 0.7 | 12        |
| 96  | Acrylonitrile-containing polymers via a combination of metal-catalyzed living radical and nitroxide-mediated free-radical polymerization routes. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3374-3381.  | 2.5 | 12        |
| 97  | Physicochemical characterization of poly(tert-butyl acrylate-b-methyl methacrylate) prepared with atom transfer radical polymerization by inverse gas chromatography. <i>Polymer</i> , 2006, 47, 132-139.   | 1.8 | 12        |
| 98  | Extremely rapid postfunctionalization of maleate and fumarate main chain polyesters in the presence of TBD. <i>Polymer</i> , 2019, 182, 121844.   | 1.8 | 12        |
| 99  | Thermal and mechanical properties of thiol-ene photocured thermosets containing DOPO-based liquid reactive flame retardant synthesized by metal-free azide-alkyne click reaction. <i>Progress in Organic Coatings</i> , 2022, 167, 106825.  | 1.9 | 12        |
| 100 | Synthesis of Activated Ester Functional Polyesters through Light-Induced [4+4] Cycloaddition Polymerization. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600572.  | 1.1 | 11        |
| 101 | Photoreactions of phthalic acid dialkyl esters: a flash photolysis study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1992, 69, 33-39.   | 2.0 | 10        |
| 102 | Synthesis of block copolymer by combination of living cationic and iniferter polymerization systems. <i>Polymer</i> , 2000, 41, 6709-6713.  | 1.8 | 10        |
| 103 | Synthesis and characterization of aromatic cycloliner phosphazene polyetherketones containing bis-Spiro-substituted cyclotriphosphazene unit. <i>Journal of Polymer Science Part A</i> , 2001, 39, 2993-2997.   | 2.5 | 10        |
| 104 | Modification of Polyketone via Chlorodimethylsilane-Mediated Reductive Etherification Reaction: A Practical Way for Alkoxy-Functional Polymers. <i>Macromolecules</i> , 2021, 54, 5106-5116.  | 2.2 | 10        |
| 105 | A novel initiating system for controlled radical polymerization of methyl methacrylate. <i>Designed Monomers and Polymers</i> , 2003, 6, 299-307.   | 0.7 | 9         |
| 106 | Detection of microphase separation in poly(tert-butyl acrylate-b-methyl methacrylate) synthesized via atom transfer radical polymerization by inverse gas chromatography. <i>European Polymer Journal</i> , 2008, 44, 2115-2122.  | 2.6 | 9         |
| 107 | Block copolymers by transformation of living ring opening polymerization into an initer process. <i>European Polymer Journal</i> , 2000, 36, 1373-1378.   | 2.6 | 8         |
| 108 | Fructose as a reducing agent for in situ generation of Cu(I) species via an electron-transfer reaction in copper-catalyzed living/controlled radical polymerization of styrene. <i>Designed Monomers and Polymers</i> , 2007, 10, 425-438.  | 0.7 | 8         |

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|-----|---|-----|-----------|
| 109 | Synthesis of Poly(vitamin C) through ADMET. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600772.   | 2.0 | 8         |
| 110 | A powerful tool for preparing peripherally post-functionalized multiarm star block copolymer. <i>Polymer Bulletin</i> , 2018, 75, 3523-3538.  | 1.7 | 8         |
| 111 | Effects of asymmetric acceptor and donor positioning in deep blue pyridyl-sulfonyl based TADF emitters. <i>Dyes and Pigments</i> , 2021, 194, 109579.   | 2.0 | 8         |
| 112 | Synthesis of poly(t-butyl acrylate) macromer with vinyl ether functionality by metal-free anionic polymerization. <i>Polymer</i> , 1996, 37, 541-543.   | 1.8 | 7         |
| 113 | V-shaped graft copolymers via triple click reactions: Diels-alder, copper-catalyzed azide-alkyne cycloaddition, and nitroxide radical coupling. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4667-4674. | 2.5 | 7         |
| 114 | The investigation of sky-blue emitting anthracene-carbazole derivatives: Synthesis, photophysics and OLED applications. <i>Organic Electronics</i> , 2018, 59, 319-329.   | 1.4 | 7         |
| 115 | Preparation of linear and hyperbranched fluorinated poly(aryl ether- <i>thio</i> ether) through <i>click</i> reaction. <i>Journal of Polymer Science Part A</i> , 2018, 56, 1853-1859.                          | 2.5 | 7         |
| 116 | Ultrafast synthesis of dialkyne-functionalized polythioether and post-polymerization modification via <i>click</i> chemistry. <i>Polymer</i> , 2022, 253, 124989.   | 1.8 | 7         |
| 117 | Postfunctionalization of polyoxanorbornene backbone through the combination of bromination and nitroxide radical coupling reactions. <i>Journal of Polymer Science Part A</i> , 2015, 53, 2381-2389.            | 2.5 | 6         |
| 118 | Ring-opening reactions of backbone epoxidized polyoxanorbornene. <i>Reactive and Functional Polymers</i> , 2015, 94, 35-42.   | 2.0 | 6         |
| 119 | Fmoc-PEG Coated Single-Wall Carbon Nanotube Carriers by Non-covalent Functionalization: An Experimental and Molecular Dynamics Study. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 648366.   | 2.0 | 6         |
| 120 | One-pot cascade polycondensation and Passerini three-component reactions for the synthesis of functional polyesters. <i>Polymer Chemistry</i> , 2022, 13, 258-266.  | 1.9 | 6         |
| 121 | Chlorodimethylsilane-Mediated Reductive Etherification Reaction: A Robust Method for Polyether Synthesis. <i>Macromolecules</i> , 2022, 55, 1533-1543.  | 2.2 | 6         |
| 122 | Studies on the promoted polymerization of 4-vinylcyclohexendioxide. <i>European Polymer Journal</i> , 1985, 21, 25-27.  | 2.6 | 5         |
| 123 | Postfunctionalization of perfluorophenyl ester-functional acyclic diene metathesis polymer. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2593-2598.   | 2.5 | 5         |
| 124 | Practical phosphorylation of polymers: an easy access to fully alcohol soluble synthetically and industrially important polymers. <i>Polymer Chemistry</i> , 2021, 12, 4478-4487.                               | 1.9 | 5         |
| 125 | Metal-Free <i>Click</i> Modification of Triple Bond-Containing Polyester with Azide-Functionalized Vegetable Oil: Plasticization and Tunable Solvent Adsorption. <i>ACS Omega</i> , 2022, 7, 23332-23341.       | 1.6 | 5         |
| 126 | Synthetic routes to block copolymerization by changing mechanism from cationic polymerization to free radical polymerisation. <i>Macromolecular Symposia</i> , 1994, 84, 127-136.                               | 0.4 | 4         |

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|-----|--|-----|-----------|
| 127 | Synthesis of styrene-methyl methacrylate graft and block-graft copolymers via combination of atom transfer radical polymerization and stable free radical polymerization. <i>Designed Monomers and Polymers</i> , 2004, 7, 203-214.  | 0.7 | 4         |
| 128 | Novel strategy for tailoring of SiO <sub>2</sub> and TiO <sub>2</sub> nanoparticle surfaces with poly( $\mu$ -caprolactone). <i>Colloid and Polymer Science</i> , 2010, 288, 535-542.  | 1.0 | 4         |
| 129 | Study on Post-Polymerization Modification of Ring-Opening Metathesis Polymers Involving Pendant Thiolactone Units. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2145-2153.   | 2.5 | 4         |
| 130 | Copolymer of cyclohexanone-formaldehyde resin and polystyrene. <i>Angewandte Makromolekulare Chemie</i> , 1989, 168, 129-134.  | 0.3 | 3         |
| 131 | Synthesis and characterization of aromatic poly(ether ketone)s containing cyclotriphosphazene units. II. <i>Journal of Polymer Science Part A</i> , 2000, 38, 2300-2305.   | 2.5 | 3         |
| 132 | One-Step Modification of Diacid-Functional Polythioethers via Simultaneous Passerini and Esterification Reactions. <i>Macromolecular Chemistry and Physics</i> , 2021, 222, 2100038.   | 1.1 | 3         |
| 133 | The Effect of Cationic Salt on Photoinitiated Free Radical Polymerization Using Polysilanes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995, 32, 1257-1262.  | 1.2 | 2         |
| 134 | Preparation of AB-type diblock copolymers containing poly-(2,6-dimethyl-1,4-phenylene oxide) and methyl methacrylate or styrene blocks. <i>Journal of Polymer Science Part A</i> , 2001, 39, 2426-2429.                              | 2.5 | 2         |
| 135 | Reverse atom transfer radical polymerization of methyl methacrylate initiated by p-chlorobenzendiazonium tetrafluoroborate. <i>Journal of Polymer Science Part A</i> , 2003, 41, 2019-2025.  | 2.5 | 2         |
| 136 | A new strategy for the preparation of multiarm star-shaped polystyrene via a combination of atom transfer radical polymerization and cationic ring-opening polymerization. <i>Designed Monomers and Polymers</i> , 2006, 9, 393-401. | 0.7 | 2         |
| 137 | Synthesis and characterization of multiarm (Benzoin-PS) m-polyDVB star polymer as a polymeric photoinitiator for polymerization of acrylates and methacrylates. <i>Journal of Polymer Science</i> , 2021, 59, 2082-2093.             | 2.0 | 1         |
| 138 | Polycondensation versus metal template condensation of 2,2-ethylenedithiodianiline with glyoxal. <i>Die Makromolekulare Chemie</i> , 1990, 191, 2881-2888.   | 1.1 | 0         |
| 139 | Acrylic star block copolymers as hydrophobic drug carriers. , 2009, , .  |     | 0         |