

Chi-How Peng

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Reversible-deactivation radical polymerization of vinyl acetate mediated by tralen, an organomediator. <i>Polymer Chemistry</i> , 2021, 12, 5159-5167. | 3.9 | 3 |
| 2 | Organo-cobalt Complexes in Reversible Deactivation Radical Polymerization. <i>Chemical Record</i> , 2021, 21, 3628-3647. | 5.8 | 6 |
| 3 | Cobalt(II) phenoxy-imine complexes in radical polymerization of vinyl acetate: The interplay of catalytic chain transfer and controlled/living radical polymerization. <i>Journal of Polymer Science</i> , 2020, 58, 101-113. | 3.8 | 4 |
| 4 | Visible-Light-Induced Living/Controlled Radical Copolymerization of 1-Octene and Acrylic Monomers Mediated by Organocobalt Complexes. <i>Macromolecules</i> , 2020, 53, 212-222. | 4.8 | 9 |
| 5 | Computation-Assisted Investigation of Polymer Kinetics: Mechanism of the Hybridization of Cobalt-Mediated Radical Polymerization and Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2020, 53, 10855-10865. | 4.8 | 4 |
| 6 | Synthesis of functional 1,2-dithiolanes from 1,3-bis-tert-butyl thioethers. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6509-6513. | 2.8 | 8 |
| 7 | Aluminum Tralen Complex Mediated Reversible-Deactivation Radical Polymerization of Vinyl Acetate. <i>ACS Macro Letters</i> , 2020, 9, 1423-1428. | 4.8 | 2 |
| 8 | Synthesis of polystyrene living nanoparticles (LNPs) in water via nano-confined free radical polymerization. <i>Polymer Chemistry</i> , 2020, 11, 7349-7353. | 3.9 | 0 |
| 9 | Tacticity control approached by visible-light induced organocobalt-mediated radical polymerization: the synthesis of crystalline poly(<i>N,N</i> -dimethylacrylamide) with high isotacticity. <i>Polymer Chemistry</i> , 2020, 11, 4387-4395. | 3.9 | 13 |
| 10 | Amorphous flexible covalent organic networks containing redox-active moieties: a noncrystalline approach to the assembly of functional molecules. <i>Chemical Science</i> , 2020, 11, 7003-7008. | 7.4 | 14 |
| 11 | Development of dipyridine-based coordinative polymers for reusable heterogeneous catalysts. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 1119-1133. | 1.4 | 1 |
| 12 | Glass-transition-induced color-changing resins containing layered polydiacetylene. <i>Chemical Communications</i> , 2019, 55, 11723-11726. | 4.1 | 5 |
| 13 | Highly efficient gene release in spatiotemporal precision approached by light and pH dual responsive copolymers. <i>Chemical Science</i> , 2019, 10, 284-292. | 7.4 | 25 |
| 14 | Polystyrene with Persistently Enhanced Fluorescence: Photo-Induced Atom Transfer Radical Polymerization Using a Pyrene-Based Initiator. <i>ChemPhotoChem</i> , 2019, 3, 1153-1161. | 3.0 | 3 |
| 15 | Cylindrical micelles of a POSS amphiphilic dendrimer as nano-reactors for polymerization. <i>Nanoscale</i> , 2018, 10, 3509-3517. | 5.6 | 12 |
| 16 | Catalytic Chain Transfer Polymerization and Reversible Deactivation Radical Polymerization of Vinyl Acetate Mediated by Cobalt(II) Phenoxy-imine Complexes. <i>ACS Symposium Series</i> , 2018, , 335-348. | 0.5 | 3 |
| 17 | Highly Stretchable Free-Standing Poly(acrylic acid)- <i>block</i> -poly(vinyl alcohol) Films Obtained from Cobalt-Mediated Radical Polymerization. <i>Macromolecules</i> , 2017, 50, 6054-6063. | 4.8 | 10 |
| 18 | Transition Metal Titanophosphates with Intercalated Molecular Photoluminescence and Catalytic Properties. <i>Chemistry - A European Journal</i> , 2017, 23, 13583-13586. | 3.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | The Mechanism and Thermodynamic Studies of CMRP: Different Control Mechanisms Demonstrated by Co ^{II} (TMP), Co ^{II} (salen*), and Co ^{II} (acac) ₂ Mediated Polymerization, and the Correlation of Reduction Potential, Equilibrium Constant, and Control Mechanism. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 422-432. | 2.2 | 24 |
| 20 | Shaping the Light: The Key Factors Affecting the Photophysical Properties of Fluorescent Polymer Nanostructures. <i>Macromolecular Rapid Communications</i> , 2016, 37, 2037-2044. | 3.9 | 4 |
| 21 | Macromol. Rapid Commun. 5/2015. <i>Macromolecular Rapid Communications</i> , 2015, 36, 500-500. | 3.9 | 0 |
| 22 | Visible-Light-Induced Living Radical Polymerization (LRP) Mediated by (salen)Co(II)/TPO at Ambient Temperature. <i>Macromolecules</i> , 2015, 48, 5132-5139. | 4.8 | 39 |
| 23 | A well-defined, versatile photoinitiator (salen)Co ^{II} CO ₂ CH ₃ for visible light-initiated living/controlled radical polymerization. <i>Chemical Science</i> , 2015, 6, 2979-2988. | 7.4 | 69 |
| 24 | Hybridization of CMRP and ATRP: A Direct Living Chain Extension from Poly(vinyl acetate) to Poly(methyl methacrylate) and Polystyrene. <i>Macromolecules</i> , 2015, 48, 6832-6838. | 4.8 | 20 |
| 25 | Cobalt Bipyridine Bisphenolate Complex in Controlled/Living Radical Polymerization of Vinyl Monomers. <i>Macromolecules</i> , 2014, 47, 7362-7369. | 4.8 | 17 |
| 26 | Reversible deactivation radical polymerization mediated by cobalt complexes: recent progress and perspectives. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8580-8587. | 2.8 | 61 |
| 27 | Vinyl acetate living radical polymerization mediated by cobalt porphyrins: kinetic/mechanistic studies. <i>Polymer Chemistry</i> , 2014, 5, 3867-3875. | 3.9 | 38 |
| 28 | Living radical polymerization of vinyl acetate and methyl acrylate mediated by Co(Salen*) complexes. <i>Polymer Chemistry</i> , 2013, 4, 3098. | 3.9 | 58 |
| 29 | Formation and Interconversion of Organo-Cobalt Complexes in Reactions of Cobalt(II) Porphyrins with Cyanoalkyl Radicals and Vinyl Olefins. <i>Inorganic Chemistry</i> , 2009, 48, 5039-5046. | 4.0 | 23 |
| 30 | Aspects of Living Radical Polymerization Mediated by Cobalt Porphyrin Complexes. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 219-233. | 1.4 | 16 |
| 31 | Exchange of Organic Radicals with Organo-Cobalt Complexes Formed in the Living Radical Polymerization of Vinyl Acetate. <i>Journal of the American Chemical Society</i> , 2008, 130, 13373-13381. | 13.7 | 96 |
| 32 | Organo-Cobalt Mediated Living Radical Polymerization of Vinyl Acetate. <i>Macromolecules</i> , 2008, 41, 2368-2373. | 4.8 | 114 |
| 33 | Organocobalt Mediated Radical Polymerization of Acrylic Acid in Water. <i>Macromolecules</i> , 2007, 40, 6814-6819. | 4.8 | 68 |
| 34 | Degenerative Transfer and Reversible Termination Mechanisms for Living Radical Polymerizations Mediated by Cobalt Porphyrins. <i>Macromolecules</i> , 2006, 39, 8219-8222. | 4.8 | 90 |
| 35 | Living Radical Polymerizations Mediated by Metallo-Radical and Organo-Transition Metal Complexes. <i>ACS Symposium Series</i> , 2006, , 358-371. | 0.5 | 9 |
| 36 | Coordination of Azobisisobutyronitrile with Cobalt Complexes in Cobalt-Mediated Radical Polymerization Disclosed by Linear Correlation between the Equilibrium Constant and Half-Wave Potential. <i>Macromolecules</i> , 0, , . | 4.8 | 3 |