

Huadong Tang

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,773
citations

236833

25
h-index

289141

40
g-index

41
all docs

41
docs citations

41
times ranked

3348
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Enhanced CO ₂ Absorption of Poly(ionic liquid)s. <i>Macromolecules</i> , 2005, 38, 2037-2039. | 2.2 | 275 |
| 2 | Catalyst separation in atom transfer radical polymerization. <i>Progress in Polymer Science</i> , 2004, 29, 1053-1078. | 11.8 | 219 |
| 3 | Poly(ionic liquid)s as new materials for CO ₂ absorption. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5477-5489. | 2.5 | 208 |
| 4 | Curcumin polymers as anticancer conjugates. <i>Biomaterials</i> , 2010, 31, 7139-7149. | 5.7 | 185 |
| 5 | Low-pressure CO ₂ sorption in ammonium-based poly(ionic liquid)s. <i>Polymer</i> , 2005, 46, 12460-12467. | 1.8 | 145 |
| 6 | Atom transfer radical polymerization of styrenic ionic liquid monomers and carbon dioxide absorption of the polymerized ionic liquids. <i>Journal of Polymer Science Part A</i> , 2005, 43, 1432-1443. | 2.5 | 142 |
| 7 | Highly Active Copper-Based Catalyst for Atom Transfer Radical Polymerization. <i>Journal of the American Chemical Society</i> , 2006, 128, 16277-16285. | 6.6 | 139 |
| 8 | Enhanced Stability of Core-Surface Cross-Linked Micelles Fabricated from Amphiphilic Brush Copolymers. <i>Biomacromolecules</i> , 2004, 5, 1736-1744. | 2.6 | 133 |
| 9 | A NOVEL MODEL FOR PREDICTION OF HUMAN DRUG CLEARANCE BY ALLOMETRIC SCALING. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1297-1303. | 1.7 | 129 |
| 10 | Atom transfer radical polymerization of ionic liquid 2-(1-butylimidazolium-3-yl)ethyl methacrylate tetrafluoroborate. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5794-5801. | 2.5 | 117 |
| 11 | Facile Synthesis of Polyester Dendrimers from Sequential Click Coupling of Asymmetrical Monomers. <i>Journal of the American Chemical Society</i> , 2009, 131, 14795-14803. | 6.6 | 104 |
| 12 | CuBr ₂ /N,N,N',N'-Tetra[(2-pyridyl)methyl]ethylenediamine/Tertiary Amine as a Highly Active and Versatile Catalyst for Atom-Transfer Radical Polymerization via Activator Generated by Electron Transfer. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1127-1131. | 2.0 | 90 |
| 13 | Amphiphilic curcumin conjugate-forming nanoparticles as anticancer prodrug and drug carriers: <i>in vitro</i> and <i>in vivo</i> effects. <i>Nanomedicine</i> , 2010, 5, 855-865. | 1.7 | 89 |
| 14 | Degradable Poly(² -amino ester) nanoparticles for cancer cytoplasmic drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2009, 5, 192-201. | 1.7 | 82 |
| 15 | A global examination of allometric scaling for predicting human drug clearance and the prediction of large vertical allometry**This work was presented at the American Association of Pharmaceutical Scientists Annual meeting, Salt Lake City, USA, Oct. 26, 2003.. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 1783-1799. | 1.6 | 80 |
| 16 | A Novel Aryl Amide-Bridged Ladderlike Polymethylsiloxane Synthesized by an Amido H-Bonding Self-Assembled Template. <i>Journal of the American Chemical Society</i> , 2002, 124, 10482-10488. | 6.6 | 63 |
| 17 | pH-Responsive Nanoparticles for Cancer Drug Delivery. <i>Methods in Molecular Biology</i> , 2008, 437, 183-216. | 0.4 | 61 |
| 18 | Poly(ionic liquid)s: a new material with enhanced and fast CO ₂ absorption. <i>Chemical Communications</i> , 2005, , 3325. | 2.2 | 59 |

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|----|--|-----|-----------|
| 19 | Atom transfer radical polymerization and copolymerization of vinyl acetate catalyzed by copper halide/terpyridine. <i>AIChE Journal</i> , 2009, 55, 737-746. | 1.8 | 50 |
| 20 | Tertiary Amine π -Enhanced Activity of ATRP Catalysts CuBr/TPMA and CuBr/Me ₆ TREN. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1834-1838. | 2.0 | 48 |
| 21 | ACCURACY OF ALLOMETRICALLY PREDICTED PHARMACOKINETIC PARAMETERS IN HUMANS: ROLE OF SPECIES SELECTION. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1288-1293. | 1.7 | 40 |
| 22 | Reproductive effects of a pegylated curcumin. <i>Reproductive Toxicology</i> , 2012, 34, 120-124. | 1.3 | 37 |
| 23 | Synthesis of Degradable Functional Poly(ethylene glycol) Analogs as Versatile Drug Delivery Carriers. <i>Macromolecular Bioscience</i> , 2007, 7, 1187-1198. | 2.1 | 36 |
| 24 | PEGylated Curcumin Derivative Attenuates Hepatic Steatosis via CREB/PPAR- α /CD36 Pathway. <i>BioMed Research International</i> , 2017, 2017, 1-11. | 0.9 | 32 |
| 25 | A MATHEMATICAL DESCRIPTION OF THE FUNCTIONALITY OF CORRECTION FACTORS USED IN ALLOMETRY FOR PREDICTING HUMAN DRUG CLEARANCE. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1294-1296. | 1.7 | 30 |
| 26 | Porcine Prediction of Pharmacokinetic Parameters in People: A Pig in a Poke?. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1712-1724. | 1.7 | 25 |
| 27 | H-bonding assisted template synthesis of a novel ladder-like organo-bridged polymethylsiloxane. <i>Polymer</i> , 2003, 44, 2867-2874. | 1.8 | 23 |
| 28 | Protein expression pattern of P-glycoprotein along the gastrointestinal tract of the yucatan micropig. <i>Journal of Biochemical and Molecular Toxicology</i> , 2004, 18, 18-22. | 1.4 | 23 |
| 29 | Synthesis and self-assembly of thymine- and adenine-containing homopolymers and diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5995-6006. | 2.5 | 15 |
| 30 | Pentadentate Copper Halide Complexes Have Higher Catalytic Activity in Atom Transfer Radical Polymerization of Methyl Acrylate Than Hexadentate Complexes. <i>Macromolecules</i> , 2009, 42, 4531-4538. | 2.2 | 14 |
| 31 | Hydrogen-bonding-aided synthesis of novel ladderlike organobridged polysiloxane containing side-chain naphthyl groups. <i>Journal of Polymer Science Part A</i> , 2003, 41, 636-644. | 2.5 | 11 |
| 32 | Template atom transfer radical polymerization of a diaminopyrimidine-derivatized monomer in the presence of a uracil-containing polymer. <i>Journal of Polymer Science Part A</i> , 2006, 44, 6607-6615. | 2.5 | 11 |
| 33 | Controlled/"Living" Radical Polymerization of Vinyl Acetate. <i>ACS Symposium Series</i> , 2009, , 139-157. | 0.5 | 11 |
| 34 | Curc-mPEG454, a PEGylated Curcumin Derivative, Improves Anti-inflammatory and Antioxidant Activities: a Comparative Study. <i>Inflammation</i> , 2018, 41, 579-594. | 1.7 | 11 |
| 35 | Development of Environmentally Friendly Atom Transfer Radical Polymerization. <i>Polymers</i> , 2020, 12, 1987. | 2.0 | 11 |
| 36 | Hydrogen-Bonding-Directed Template Synthesis of Novel Stereo-Regular Organo-Bridged Ladder-Like Polymethylsiloxane. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 155-163. | 1.1 | 9 |

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|----|--|-----|-----------|
| 37 | Facile Synthesis of Ultrahigh Molecular Weight Poly(Methyl Methacrylate) by Organic Halides in the Presence of Palladium Nanoparticles. <i>Polymers</i> , 2020, 12, 2747. | 2.0 | 8 |
| 38 | Curc-mPEG454, a PEGylated curcumin derivative, as a multi-target anti-fibrotic prodrug. <i>International Immunopharmacology</i> , 2021, 101, 108166. | 1.7 | 4 |
| 39 | CuBr/PMDETA combined with triethanolamine as an economic and highly active catalyst for atom transfer radical polymerization. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2017, 54, 735-741. | 1.2 | 2 |
| 40 | Alkyl halide/tertiary amine as novel initiators for free radical polymerizations of methyl methacrylate, methyl acrylate and styrene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 476-483. | 1.2 | 2 |
| 41 | Urotropine as a highly effective and versatile promoter for atom transfer radical polymerization. <i>Polymer International</i> , 2015, 64, 229-234. | 1.6 | 0 |