

# Huadong Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,773  
citations

236925

25  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

3348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced CO <sub>2</sub> Absorption of Poly(ionic liquid)s. <i>Macromolecules</i> , 2005, 38, 2037-2039.	4.8	275
2	Catalyst separation in atom transfer radical polymerization. <i>Progress in Polymer Science</i> , 2004, 29, 1053-1078.	24.7	219
3	Poly(ionic liquid)s as new materials for CO <sub>2</sub> absorption. <i>Journal of Polymer Science Part A</i> , 2005, 43, 5477-5489.	2.3	208
4	Curcumin polymers as anticancer conjugates. <i>Biomaterials</i> , 2010, 31, 7139-7149.	11.4	185
5	Low-pressure CO <sub>2</sub> sorption in ammonium-based poly(ionic liquid)s. <i>Polymer</i> , 2005, 46, 12460-12467.	3.8	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.	2.3	142
7	Highly Active Copper-Based Catalyst for Atom Transfer Radical Polymerization. <i>Journal of the American Chemical Society</i> , 2006, 128, 16277-16285.	13.7	139
8	Enhanced Stability of Core-Surface Cross-Linked Micelles Fabricated from Amphiphilic Brush Copolymers. <i>Biomacromolecules</i> , 2004, 5, 1736-1744.	5.4	133
9	A NOVEL MODEL FOR PREDICTION OF HUMAN DRUG CLEARANCE BY ALLOMETRIC SCALING. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1297-1303.	3.3	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.	2.3	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.	13.7	104
12	CuBr <sub>2</sub> /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.	3.9	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.	3.3	89
14	Degradable Poly( $\beta$ -amino ester) nanoparticles for cancer cytoplasmic drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2009, 5, 192-201.	3.3	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.	3.3	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.	13.7	63
17	pH-Responsive Nanoparticles for Cancer Drug Delivery. <i>Methods in Molecular Biology</i> , 2008, 437, 183-216.	0.9	61
18	Poly(ionic liquid)s: a new material with enhanced and fast CO <sub>2</sub> absorption. <i>Chemical Communications</i> , 2005, , 3325.	4.1	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.	3.6	50
20	Tertiary Amine " Enhanced Activity of ATRP Catalysts CuBr/TPMA and CuBr/Me <sub>6</sub> TREN. <i>Macromolecular Rapid Communications</i> , 2008, 29, 1834-1838.	3.9	48
21	ACCURACY OF ALLOMETRICALLY PREDICTED PHARMACOKINETIC PARAMETERS IN HUMANS: ROLE OF SPECIES SELECTION. <i>Drug Metabolism and Disposition</i> , 2005, 33, 1288-1293.	3.3	40
22	Reproductive effects of a pegylated curcumin. <i>Reproductive Toxicology</i> , 2012, 34, 120-124.	2.9	37
23	Synthesis of Degradable Functional Poly(ethylene glycol) Analogs as Versatile Drug Delivery Carriers. <i>Macromolecular Bioscience</i> , 2007, 7, 1187-1198.	4.1	36
24	PEGylated Curcumin Derivative Attenuates Hepatic Steatosis via CREB/PPAR- $\alpha$ /CD36 Pathway. <i>BioMed Research International</i> , 2017, 2017, 1-11.	1.9	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.	3.3	30
26	Porcine Prediction of Pharmacokinetic Parameters in People: A Pig in a Poke?. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1712-1724.	3.3	25
27	H-bonding assisted template synthesis of a novel ladder-like organo-bridged polymethylsiloxane. <i>Polymer</i> , 2003, 44, 2867-2874.	3.8	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.	3.0	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.	2.3	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.	4.8	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.	2.3	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.	2.3	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.	3.8	11
35	Development of Environmentally Friendly Atom Transfer Radical Polymerization. <i>Polymers</i> , 2020, 12, 1987.	4.5	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.	2.2	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.	4.5	8
38	Curc-mPEG454, a PEGylated curcumin derivative, as a multi-target anti-fibrotic prodrug. <i>International Immunopharmacology</i> , 2021, 101, 108166.	3.8	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.	2.2	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.	2.2	2
41	Urotropine as a highly effective and versatile promoter for atom transfer radical polymerization. <i>Polymer International</i> , 2015, 64, 229-234.	3.1	0