Huadong Tang

List of Publications by Year
in descending order

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		236833	289141
41	2,773	25	40
papers	citations	h-index	g-index

41	41	41	3348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Curc-mPEG454, a PEGylated curcumin derivative, as a multi-target anti-fibrotic prodrug. International Immunopharmacology, 2021, 101, 108166.	1.7	4
2	Facile Synthesis of Ultrahigh Molecular Weight Poly(Methyl Methacrylate) by Organic Halides in the Presence of Palladium Nanoparticles. Polymers, 2020, 12, 2747.	2.0	8
3	Development of Environmentally Friendly Atom Transfer Radical Polymerization. Polymers, 2020, 12, 1987.	2.0	11
4	Alkyl halide/tertiary amine as novel initiators for free radical polymerizations of methyl methacrylate, methyl acrylate and styrene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2019, 56, 476-483.	1.2	2
5	Curc-mPEG454, a PEGylated Curcumin Derivative, Improves Anti-inflammatory and Antioxidant Activities: a Comparative Study. Inflammation, 2018, 41, 579-594.	1.7	11
6	Porcine Prediction of Pharmacokinetic Parameters in People: A Pig in a Poke?. Drug Metabolism and Disposition, 2018, 46, 1712-1724.	1.7	25
7	CuBr/PMDETA combined with triethanolamine as an economic and highly active catalyst for atom transfer radical polymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 735-741.	1.2	2
8	PEGylated Curcumin Derivative Attenuates Hepatic Steatosis via CREB/PPAR-Î³/CD36 Pathway. BioMed Research International, 2017, 2017, 1-11.	0.9	32
9	Urotropine as a highly effective and versatile promoter for atom transfer radical polymerization. Polymer International, 2015, 64, 229-234.	1.6	0
10	Reproductive effects of a pegylated curcumin. Reproductive Toxicology, 2012, 34, 120-124.	1.3	37
11	Curcumin polymers as anticancer conjugates. Biomaterials, 2010, 31, 7139-7149.	5.7	185
12	Amphiphilic curcumin conjugate-forming nanoparticles as anticancer prodrug and drug carriers: in vitro and in vivo effects. Nanomedicine, 2010, 5, 855-865.	1.7	89
13	Atom transfer radical polymerization and copolymerization of vinyl acetate catalyzed by copper halide/terpyridine. AICHE Journal, 2009, 55, 737-746.	1.8	50
14	Degradable Poly(Î²-amino ester) nanoparticles for cancer cytoplasmic drug delivery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2009, 5, 192-201.	1.7	82
15	Facile Synthesis of Polyester Dendrimers from Sequential Click Coupling of Asymmetrical Monomers. Journal of the American Chemical Society, 2009, 131, 14795-14803.	6.6	104
16	Pentadentate Copper Halide Complexes Have Higher Catalytic Activity in Atom Transfer Radical Polymerization of Methyl Acrylate Than Hexadentate Complexes. Macromolecules, 2009, 42, 4531-4538.	2.2	14
17	Controlled/"Living" Radical Polymerization of Vinyl Acetate. ACS Symposium Series, 2009, , 139-157.	0.5	11
18	Tertiary Amine â€" Enhanced Activity of ATRP Catalysts CuBr/TPMA and CuBr/Me₆TREN. Macromolecular Rapid Communications, 2008, 29, 1834-1838.	2.0	48

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19	pH-Responsive Nanoparticles for Cancer Drug Delivery. Methods in Molecular Biology, 2008, 437, 183-216.	0.4	61
20	Synthesis of Degradable Functional Poly(ethylene glycol) Analogs as Versatile Drug Delivery Carriers. Macromolecular Bioscience, 2007, 7, 1187-1198.	2.1	36
21	Highly Active Copper-Based Catalyst for Atom Transfer Radical Polymerization. Journal of the American Chemical Society, 2006, 128, 16277-16285.	6.6	139
22	Synthesis and self-assembly of thymine- and adenine-containing homopolymers and diblock copolymers. Journal of Polymer Science Part A, 2006, 44, 5995-6006.	2.5	15
23	Template atom transfer radical polymerization of a diaminopyrimidine-derivatized monomer in the presence of a uracil-containing polymer. Journal of Polymer Science Part A, 2006, 44, 6607-6615.	2.5	11
24	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.. Journal of Pharmaceutical Sciences, 2006, 95, 1783-1799.	1.6	80
25	CuBr2/N,N,Nâ€²,Nâ€²-Tetra[(2-pyridal)methyl]ethylenediamine/Tertiary Amine as a Highly Active and Versatile Catalyst for Atom-Transfer Radical Polymerization via Activator Generated by Electron Transfer. Macromolecular Rapid Communications, 2006, 27, 1127-1131.	2.0	90
26	Low-pressure CO2 sorption in ammonium-based poly(ionic liquid)s. Polymer, 2005, 46, 12460-12467.	1.8	145
27	Atom transfer radical polymerization of styrenic ionic liquid monomers and carbon dioxide absorption of the polymerized ionic liquids. Journal of Polymer Science Part A, 2005, 43, 1432-1443.	2.5	142
28	Poly(ionic liquid)s as new materials for CO2 absorption. Journal of Polymer Science Part A, 2005, 43, 5477-5489.	2.5	208
29	A MATHEMATICAL DESCRIPTION OF THE FUNCTIONALITY OF CORRECTION FACTORS USED IN ALLOMETRY FOR PREDICTING HUMAN DRUG CLEARANCE. Drug Metabolism and Disposition, 2005, 33, 1294-1296.	1.7	30
30	ACCURACY OF ALLOMETRICALLY PREDICTED PHARMACOKINETIC PARAMETERS IN HUMANS: ROLE OF SPECIES SELECTION. Drug Metabolism and Disposition, 2005, 33, 1288-1293.	1.7	40
31	A NOVEL MODEL FOR PREDICTION OF HUMAN DRUG CLEARANCE BY ALLOMETRIC SCALING. Drug Metabolism and Disposition, 2005, 33, 1297-1303.	1.7	129
32	Poly(ionic liquid)s: a new material with enhanced and fast CO2 absorption. Chemical Communications, 2005, , 3325.	2.2	59
33	Enhanced CO2 Absorption of Poly(ionic liquid)s. Macromolecules, 2005, 38, 2037-2039.	2.2	275
34	Atom transfer radical polymerization of ionic liquid 2-(1-butylimidazolium-3-yl)ethyl methacrylate tetrafluoroborate. Journal of Polymer Science Part A, 2004, 42, 5794-5801.	2.5	117
35	Protein expression pattern of P-glycoprotein along the gastrointestinal tract of the yucatan micropig. Journal of Biochemical and Molecular Toxicology, 2004, 18, 18-22.	1.4	23
36	Catalyst separation in atom transfer radical polymerization. Progress in Polymer Science, 2004, 29, 1053-1078.	11.8	219

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37	Enhanced Stability of Coreâ"Surface Cross-Linked Micelles Fabricated from Amphiphilic Brush Copolymers. Biomacromolecules, 2004, 5, 1736-1744.	2.6	133
38	Hydrogen-Bonding-Directed Template Synthesis of Novel Stereo-Regular Organo-Bridged Ladder-Like Polymethylsiloxane. Macromolecular Chemistry and Physics, 2003, 204, 155-163.	1.1	9
39	H-bonding assisted template synthesis of a novel ladder-like organo-bridged polymethylsiloxane. Polymer, 2003, 44, 2867-2874.	1.8	23
40	Hydrogen-bonding-aided synthesis of novel ladderlike organobridged polysiloxane containing side-chain naphthyl groups. Journal of Polymer Science Part A, 2003, 41, 636-644.	2.5	11
41	A Novel Aryl Amide-Bridged Ladderlike Polymethylsiloxane Synthesized by an Amido H-Bonding Self-Assembled Template. Journal of the American Chemical Society, 2002, 124, 10482-10488.	6.6	63