Xuefeng Fu

List of Publications by Year in descending order

49 papers	1,521 citations	257101 24 h-index	315357 38 g-index
51 all docs	51 docs citations	51 times ranked	1576 citing authors

#	Article	IF	Citations
1	Visible-Light-Induced Living/Controlled Radical Copolymerization of 1-Octene and Acrylic Monomers Mediated by Organocobalt Complexes. Macromolecules, 2020, 53, 212-222.	2.2	9
2	Tacticity control approached by visible-light induced organocobalt-mediated radical polymerization: the synthesis of crystalline poly(N,N-dimethylacrylamide) with high isotacticity. Polymer Chemistry, 2020, 11, 4387-4395.	1.9	13
3	Polystyrene with Persistently Enhanced Fluorescence: Photoâ€Induced Atom Transfer Radical Polymerization Using a Pyreneâ€Based Initiator. ChemPhotoChem, 2019, 3, 1153-1161.	1.5	3
4	Câ€“H and Câ€“N Bond Activation of Tertiary Amines by Cationic Germanium(IV) Corrole. Organometallics, 2019, 38, 2412-2416.	1.1	12
5	Thermodynamic and reactivity studies of a tin corroleâ€“cobalt porphyrin heterobimetallic complex. Chemical Science, 2018, 9, 4999-5007.	3.7	7
6	Production of Formamides from CO and Amines Induced by Porphyrin Rhodium(II) Metalloradical. Journal of the American Chemical Society, 2018, 140, 6656-6660.	6.6	24
7	Synthesis, Characterization, and Reactivity Studies of Subphthalocyanine Boron Triflate. Organometallics, 2017, 36, 285-290.	1.1	6
8	Heterogeneous synergistic catalysis by Ru-RuO x nanoparticles for Seâ€“Se bond activation. Nano Research, 2017, 10, 922-932.	5.8	18
9	Beyond carbocations: Synthesis, structure and reactivity of heavier Group 14 element cations. Coordination Chemistry Reviews, 2017, 344, 214-237.	9.5	35
10	Moderate oxidation levels of Ru nanoparticles enhance molecular oxygen activation for cross-dehydrogenative-coupling reactions via single electron transfer. RSC Advances, 2017, 7, 33078-33085.	1.7	14
11	Visible-light-induced synthesis of polymers with versatile end groups mediated by organocobalt complexes. Polymer Chemistry, 2017, 8, 6033-6038.	1.9	13
12	Facile Rhâ€C Bond Cleavage of Rhodium(III) Benzyl Porphyrin Complex in DMSO with Strong Bases. Israel Journal of Chemistry, 2016, 56, 188-191.	1.0	1
13	Light induced catalytic hydrodefluorination of perfluoroarenes by porphyrin rhodium. Inorganic Chemistry Frontiers, 2016, 3, 861-865.	3.0	18
14	When CMRP met alkyl vinyl ketone: visible light induced living radical polymerization (LRP) of ethyl vinyl ketone (EVK). Chemical Communications, 2016, 52, 12092-12095.	2.2	18
15	Light induced catalytic intramolecular hydrofunctionalization of allylphenols mediated by porphyrin rhodium(<scp>iii</scp>) complexes. Dalton Transactions, 2016, 45, 13308-13310.	1.6	6
16	Synthesis, Electronic Structure, and Reactivity Studies of a 4-Coordinate Square Planar Germanium(IV) Cation. Journal of the American Chemical Society, 2016, 138, 7705-7710.	6.6	27
17	Metal-free aerobic oxidative coupling of amines in dimethyl sulfoxide via a radical pathway. RSC Advances, 2016, 6, 10861-10864.	1.7	27
18	The Mechanism of Eâ€“H (E = N, O) Bond Activation by a Germanium Corrole Complex: A Combined Experimental and Computational Study. Journal of the American Chemical Society, 2015, 137, 7122-7127.	6.6	27

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19	Visible-Light-Promoted Generation of Hydrogen from the Hydrolysis of Silanes Catalyzed by Rhodium(III) Porphyrins. Organometallics, 2015, 34, 5754-5758.	1.1	35
20	Visible light promoted hydration of alkynes catalyzed by rhodium(<scp>iii</scp>) porphyrins. Chemical Communications, 2015, 51, 11896-11898.	2.2	33
21	Visible-Light-Induced Living Radical Polymerization (LRP) Mediated by (salen)Co(II)/TPO at Ambient Temperature. Macromolecules, 2015, 48, 5132-5139.	2.2	39
22	Reactivity and Mechanism Studies of Hydrogen Evolution Catalyzed by Copper Corroles. ACS Catalysis, 2015, 5, 5145-5153.	5.5	164
23	A well-defined, versatile photoinitiator (salen)Coâ€“CO₂CH₃ for visible light-initiated living/controlled radical polymerization. Chemical Science, 2015, 6, 2979-2988.	3.7	69
24	Aerobic oxidative N-dealkylation of secondary amines in aqueous solution catalyzed by rhodium porphyrins. Journal of Porphyrins and Phthalocyanines, 2014, 18, 937-943.	0.4	11
25	Germanium(<scp>iii</scp>) corrole complex: reactivity and mechanistic studies of visible-light promoted Nâ€“H bond activations. Chemical Science, 2014, 5, 916-921.	3.7	43
26	Intramolecular oxidative cyclization of alkenes by rhodium/cobalt porphyrins in water. Inorganic Chemistry Frontiers, 2014, 1, 544-548.	3.0	10
27	Reversible deactivation radical polymerization mediated by cobalt complexes: recent progress and perspectives. Organic and Biomolecular Chemistry, 2014, 12, 8580-8587.	1.5	61
28	Visible Light Induced Living/Controlled Radical Polymerization of Acrylates Catalyzed by Cobalt Porphyrins. Macromolecules, 2014, 47, 6238-6245.	2.2	89
29	Synthesis and Reactivity Studies of a Tin(II) Corrole Complex. Inorganic Chemistry, 2014, 53, 7047-7054.	1.9	31
30	Aerobic oxidative N-dealkylation of tertiary amines in aqueous solution catalyzed by rhodium porphyrins. Chemical Communications, 2013, 49, 4214-4216.	2.2	56
31	Transition metal free oxidative esterification of alcohols with toluene. Tetrahedron Letters, 2013, 54, 5383-5386.	0.7	38
32	Photo-cleavage of the cobaltâ€“carbon bond: visible light-induced living radical polymerization mediated by organo-cobalt porphyrins. Chemical Communications, 2013, 49, 5186.	2.2	62
33	Living radical polymerization of acrylates and acrylamides mediated by a versatile cobalt porphyrin complex. Chemical Communications, 2012, 48, 3506.	2.2	24
34	DFT study of cobalt porphyrin complex for living radical polymerization of olefins. Computational and Theoretical Chemistry, 2012, 1001, 51-59.	1.1	13
35	Reactivity studies of a corrole germanium hydride complex with aldehydes, olefins and alkyl halides. Chemical Communications, 2011, 47, 11677.	2.2	24
36	Mechanistic comparison of Î²-H elimination, Î²-OH elimination, and nucleophilic displacement reactions of Î²-hydroxy alkyl rhodium porphyrin complexes. Dalton Transactions, 2011, 40, 2213-2217.	1.6	13

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37	Visible Light Promoted Hydroxylation of a Siâ€“C(sp³) Bond Catalyzed by Rhodium Porphyrins in Water. Journal of the American Chemical Society, 2011, 133, 15926-15929.	6.6	31
38	Reactivity and kineticâ€“mechanistic studies of regioselective reactions of rhodium porphyrins with unactivated olefins in water that form Î²-hydroxyalkyl complexes and conversion to ketones and epoxides. Dalton Transactions, 2010, 39, 477-483.	1.6	23
39	Aerobic oxidation of alkenes mediated by porphyrin rhodium(iii) complexes in water. Dalton Transactions, 2009, , 3661.	1.6	22
40	Regioselectivity and Equilibrium Thermodynamics for Addition of Rhâ^'OH to Olefins in Water. Journal of the American Chemical Society, 2006, 128, 8947-8954.	6.6	28
41	Degenerative Transfer and Reversible Termination Mechanisms for Living Radical Polymerizations Mediated by Cobalt Porphyrins. Macromolecules, 2006, 39, 8219-8222.	2.2	90
42	Reactivity and Equilibrium Thermodynamic Studies of Rhodium Tetrakis(3,5-disulfonatomesityl)porphyrin Species with H2, CO, and Olefins in Water. Inorganic Chemistry, 2006, 45, 9884-9889.	1.9	42
43	Living Radical Polymerizations Mediated by Metallo-Radical and Organo-Transition Metal Complexes. ACS Symposium Series, 2006, , 358-371.	0.5	9
44	CHEMISTRY: Enhanced: Building Molecules with Carbon Monoxide Reductive Coupling. Science, 2006, 311, 790-791.	6.0	44
45	Thermodynamics of Rhodium Hydride Reactions with CO, Aldehydes, and Olefins in Water:Â Organo-Rhodium Porphyrin Bond Dissociation Free Energies. Journal of the American Chemical Society, 2005, 127, 16460-16467.	6.6	49
46	Equilibrium Thermodynamic Studies in Water:Â Reactions of Dihydrogen with Rhodium(III) Porphyrins Relevant to Rhâ^'Rh, Rhâ^'H, and Rhâ^'OH Bond Energetics. Journal of the American Chemical Society, 2004, 126, 2623-2631.	6.6	57
47	Aqueous organometallic reactions of rhodium porphyrins: equilibrium thermodynamicsElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b2/b212027e/. Chemical Communications, 2003, , 520-521.	2.2	26
48	Preparation of CdS/ZnO Core/shell Structured Nanoparticles by Hydrothermal Method. Materials Research Society Symposia Proceedings, 2001, 692, 1.	0.1	1
49	Carboxylic-containing copolymer as template to prepare CdS, ZnS and doped nanoparticles. Science in China Series B: Chemistry, 2001, 44, 23-30.	0.8	6