Ye Zhu

List of Publications by Year
in descending order

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		471509	677142
22	1,640	17	22
papers	citations	h-index	g-index

26	26	26	2151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Why Bis(fluorosulfonyl)imide Is a â€œMagic Anionâ€•for Electrochemistry. Journal of Physical Chemistry C, 2014, 118, 19661-19671.	3.1	229
2	Voltage Fade of Layered Oxides: Its Measurement and Impact on Energy Density. Journal of the Electrochemical Society, 2013, 160, A2046-A2055.	2.9	170
3	Reduction of Carbonate Electrolytes and the Formation of Solid-Electrolyte Interface (SEI) in Lithium-Ion Batteries. 1. Spectroscopic Observations of Radical Intermediates Generated in One-Electron Reduction of Carbonates. Journal of Physical Chemistry C, 2013, 117, 19255-19269.	3.1	161
4	Positive Electrode Passivation by LiDFOB Electrolyte Additive in High-Capacity Lithium-Ion Cells. Journal of the Electrochemical Society, 2012, 159, A2109-A2117.	2.9	160
5	Filling Gaps in Asymmetric Hydrogenation Methods for Acyclic Stereocontrol: Application to Chirons for Polyketide-Derived Natural Products. Accounts of Chemical Research, 2012, 45, 1623-1636.	15.6	110
6	Carbene-Metal Hydrides Can Be Much Less Acidic Than Phosphine-Metal Hydrides: Significance in Hydrogenations. Journal of the American Chemical Society, 2010, 132, 6249-6253.	13.7	94
7	Asymmetric Hydrogenation Routes to Deoxypolyketide Chirons. Chemistry - A European Journal, 2007, 13, 7162-7170.	3.3	89
8	Electrolyte additive combinations that enhance performance of high-capacity Li1.2Ni0.15Mn0.55Co0.1O2â€“graphite cells. Electrochimica Acta, 2013, 110, 191-199.	5.2	89
9	Perfluoroalkyl-substituted ethylene carbonates: Novel electrolyte additives for high-voltage lithium-ion batteries. Journal of Power Sources, 2014, 246, 184-191.	7.8	81
10	Mechanistic Insight into the Protective Action of Bis(oxalato)borate and Difluoro(oxalate)borate Anions in Li-Ion Batteries.. Journal of Physical Chemistry C, 2013, 117, 23750-23756.	3.1	79
11	Reduction of Carbonate Electrolytes and the Formation of Solid-Electrolyte Interface (SEI) in Lithium-Ion Batteries. 2. Radiolytically Induced Polymerization of Ethylene Carbonate. Journal of Physical Chemistry C, 2013, 117, 19270-19279.	3.1	79
12	From coin cells to 400ÂmAh pouch cells: Enhancing performance of high-capacity lithium-ion cells via modifications in electrode constitution and fabrication. Journal of Power Sources, 2014, 259, 233-244.	7.8	55
13	Iridiumâ€Catalyzed Asymmetric Hydrogenation of Vinyl Ethers. Advanced Synthesis and Catalysis, 2008, 350, 979-983.	4.3	52
14	Synthesis of (S,R,R,S,R,S)-4,6,8,10,16,18- Hexamethyldocosane fromAntitrogusparvulusvia Diastereoselective Hydrogenations. Organic Letters, 2007, 9, 1391-1393.	4.6	50
15	Asymmetric Hydrogenation Approaches to Valuable, Acyclic 1,3-Hydroxymethyl Chirons. Journal of the American Chemical Society, 2008, 130, 8894-8895.	13.7	47
16	An Asymmetric Hydrogenation Route To (â^')-Spongidepsin. Organic Letters, 2010, 12, 4392-4395.	4.6	26
17	Asymmetric Syntheses of Î±-Methyl Î³-Amino Acid Derivatives. Journal of Organic Chemistry, 2011, 76, 7449-7457.	3.2	19
18	Iridium catalyzed enantioselective hydrogenation of Î±-alkoxy and Î²-alkoxy vinyl ethers. RSC Advances, 2012, 2, 4728.	3.6	16

#	Article	IF	Citations
19	Mechanism of Photoinduced Reactions between 1-Acetylisatin and Aldehydes. European Journal of Organic Chemistry, 2004, 2004, 527-534.	2.4	12
20	Mitigating Performance Degradation of High-Capacity Lithium-Ion Cells with Boronate-Based Electrolyte Additives. Journal of the Electrochemical Society, 2014, 161, A1580-A1585.	2.9	12
21	Highly Stereoselective Syntheses of All 1,2,3â€Me,OH,Me Triads via Asymmetric Hydrogenation Reactions. Advanced Synthesis and Catalysis, 2013, 355, 107-115.	4.3	6
22	Photo-multicomponent reactions leading to the construction of isocoumarins and large ring lactone precursors. Photochemical and Photobiological Sciences, 2009, 8, 217-223.	2.9	4