Chao Li

List of Publications by Year in descending order

19	1,099	516561 16	794469 19
papers	citations	h-index	g-index

19	19	19	1371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bimetallic nickel cobalt selenides: a new kind of electroactive material for high-power energy storage. Journal of Materials Chemistry A, 2015, 3, 23653-23659.	5.2	245
2	One-pot synthesis of hollow NiSeâ€“CoSe nanoparticles with improved performance for hybrid supercapacitors. Journal of Power Sources, 2016, 329, 314-322.	4.0	133
3	Strong synergetic electrochemistry between transition metals of Î± phase Niâ^'Coâ^'Mn hydroxide contributed superior performance for hybrid supercapacitors. Journal of Power Sources, 2019, 412, 559-567.	4.0	132
4	Hierarchical NiCo₂S₄ Nanotube@NiCo₂S₄ Nanosheet Arrays on Ni Foam for Highâ€Performance Supercapacitors. Chemistry - an Asian Journal, 2016, 11, 248-255.	1.7	100
5	Metathesis Reaction-Induced Significant Improvement in Hydrogen Storage Properties of the KF-Added Mg(NH2)2â€“2LiH System. Journal of Physical Chemistry C, 2013, 117, 866-875.	1.5	59
6	Synergistic effect of Ni and Co ions on molybdates for superior electrochemical performance. Electrochimica Acta, 2016, 190, 57-63.	2.6	51
7	Tuning the electrochemical behavior of Co x Mn3â^'x sulfides by varying different Co/Mn ratios in supercapacitor. Journal of Materials Science, 2017, 52, 6687-6696.	1.7	44
8	Ternary graphene/sulfur/SiO2 composite as stable cathode for high performance lithium/sulfur battery. International Journal of Hydrogen Energy, 2016, 41, 1819-1827.	3.8	43
9	In situ formation of lithium fast-ion conductors and improved hydrogen desorption properties of the LiNH2â€“MgH2 system with the addition of lithium halides. Journal of Materials Chemistry A, 2014, 2, 3155.	5.2	39
10	Compositional effects on the hydrogen storage properties of Mg(NH2)2â€“2LiHâ€“xKH and the activity of KH during dehydrogenation reactions. Dalton Transactions, 2014, 43, 2369.	1.6	37
11	Superior Dehydrogenation/Hydrogenation Kinetics and Long-Term Cycling Performance of K and Rb Cocatalyzed Mg(NH₂)₂-2LiH system. ACS Applied Materials & Interfaces, 2014, 6, 17024-17033.	4.0	34
12	Improved Hydrogenâ€Storage Thermodynamics and Kinetics for an RbFâ€Doped Mg(NH₂)₂â€“2â€‰LiH System. Chemistry - an Asian Journal, 2013, 8, 2136-2143.	1.7	32
13	Two-dimensional nanosheets constituted trimetal Ni-Co-Mn sulfide nanoflower-like structure for high-performance hybrid supercapacitors. Applied Surface Science, 2021, 565, 150482.	3.1	32
14	One-pot synthesis of porous nickelâ€“manganese sulfides with tuneable compositions for high-performance energy storage. Journal of Sol-Gel Science and Technology, 2018, 85, 629-637.	1.1	30
15	High-temperature failure behaviour and mechanism of K-based additives in Liâ€“Mgâ€“Nâ€“H hydrogen storage systems. Journal of Materials Chemistry A, 2014, 2, 7345-7353.	5.2	29
16	Sea urchin-like architectures and nanowire arrays of cobaltâ€“manganese sulfides for superior electrochemical energy storage performance. Journal of Materials Science, 2018, 53, 6157-6169.	1.7	27
17	Sea urchin-like Niâ€“Co sulfides with different Ni to Co ratios for superior electrochemical performance. Journal of Sol-Gel Science and Technology, 2016, 80, 119-125.	1.1	14
18	Synthesis of a ternary amide Li K (NH2) and a novel Li3K(NH2)4â€“xMgH2 combination system for hydrogen storage. Journal of Energy Chemistry, 2019, 35, 37-43.	7.1	13

#	Article	IF	Citations
19	A flowerâ€like Îâ€phase nickelâ€cobaltâ€manganese hydroxide modified with twoâ€dimensional Ti₃C₂ for high performance hybrid supercapacitors. Electrochemical Science Advances, 2021, 1, e2100018.	1.2	5