Chu Liang

List of Publications by Year
in descending order

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125 papers	8,648 citations	66250 44 h-index	51423 90 g-index
127 all docs	127 docs citations	127 times ranked	10696 citing authors

#	Article	IF	Citations
1	Interaction of metallic magnesium with ammonia: Mechanochemical synthesis of Mg(NH2)2 for hydrogen storage. Journal of Alloys and Compounds, 2022, 907, 164397.	2.8	9
2	Green synthesis of figâ€“like Li2Sâ€“Mo@C nanocomposites for advanced lithiumâ€“sulfur batteries. Electrochimica Acta, 2022, 426, 140756.	2.6	3
3	Homologous Strategy to Construct High-Performance Coupling Electrodes for Advanced Potassium-Ion Hybrid Capacitors. Nano-Micro Letters, 2021, 13, 14.	14.4	45
4	Interfacial Reactions in Inorganic Allâ€Solidâ€State Lithium Batteries. Batteries and Supercaps, 2021, 4, 8-38.	2.4	39
5	Empowering polypropylene separator with enhanced polysulfide adsorption and reutilization ability for high-performance Li-S batteries. Materials Research Bulletin, 2021, 134, 111108.	2.7	12
6	A low temperature MgH2-AlCl3-SiO2 system to synthesize nano-silicon for high-performance Li-ion batteries. Chemical Engineering Journal, 2021, 406, 126805.	6.6	15
7	Graphene/TiO2 decorated N-doped carbon foam as 3D porous current collector for high loading sulfur cathode. Materials Research Bulletin, 2021, 135, 111129.	2.7	15
8	High-Performance All-Solid-State Lithiumâ€“Sulfur Batteries Enabled by Slurry-Coated Li6PS5Cl/S/C Composite Electrodes. Frontiers in Energy Research, 2021, 8, .	1.2	15
9	Milling Time-Dependent Lithium/Sodium Storage Performance of Carbons Synthesized by a Mechanochemical Reaction. Energy & Fuels, 2021, 35, 4596-4603.	2.5	4
10	A Low-Cost and High-Efficiency Electrothermal Composite Film Composed of Hybrid Conductivity Fillers and Polymer Blends Matrix for High-Performance Plate Heater. Journal of Electronic Materials, 2021, 50, 3084-3094.	1.0	19
11	3D Printed Grapheneâ€Based 3000 K Probe. Advanced Functional Materials, 2021, 31, 2102994.	7.8	18
12	Unprecedented Selfâ€Healing Effect of Li₆PS₅Clâ€Based Allâ€Solidâ€State Lithium Battery. Small, 2021, 17, e2101326.	5.2	54
13	Facile and efficient synthesis of Li2Se particles towards high-areal capacity Li2Se cathode for advanced Liâ€“Se battery. Sustainable Materials and Technologies, 2021, 29, e00288.	1.7	2
14	Rare earth-Mg-Ni-based alloys with superlattice structure for electrochemical hydrogen storage. Journal of Alloys and Compounds, 2021, 887, 161381.	2.8	25
15	CNT threaded porous carbon nitride nanoflakes as bifunctional hosts for lithium sulfide cathode. Journal of Alloys and Compounds, 2021, 887, 161356.	2.8	10
16	Role of lithium hydride in tuning morphology and porosity of nanocarbons derived from CO2. Materials Today Nano, 2021, 16, 100134.	2.3	6
17	Green synthesis of graphite from CO2 without graphitization process of amorphous carbon. Nature Communications, 2021, 12, 119.	5.8	93
18	Nâ€“Doped Porous Carbon Microspheres Derived from Yeast as Lithium Sulfide Hosts for Advanced Lithium-Ion Batteries. Processes, 2021, 9, 1822.	1.3	1

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19	Rose pollens as sustainable biotemplates for porous SiOC microellipsoids with enhanced lithium storage performance. Journal of Alloys and Compounds, 2020, 816, 152595.	2.8	14
20	2â€‰D MXeneâ€based Energy Storage Materials: Interfacial Structure Design and Functionalization. ChemSusChem, 2020, 13, 1409-1419.	3.6	63
21	Î²-Cyclodextrin-modified porous ceramic membrane with enhanced ionic conductivity and thermal stability for lithium-ion batteries. Ionics, 2020, 26, 173-182.	1.2	12
22	3D Printing of Powderâ€Based Inks into Functional Hierarchical Porous TiO₂ Materials. Advanced Engineering Materials, 2020, 22, 1901088.	1.6	26
23	Achieving efficient and stable interface between metallic lithium and garnet-type solid electrolyte through a thin indium tin oxide interlayer. Journal of Power Sources, 2020, 448, 227440.	4.0	75
24	Manganese hexacyanoferrate reinforced by PEDOT coating towards high-rate and long-life sodium-ion battery cathode. Journal of Materials Chemistry A, 2020, 8, 3222-3227.	5.2	73
25	A new magnesium hydride route to synthesize morphology-controlled Si/rGO nanocomposite towards high-performance lithium storage. Electrochimica Acta, 2020, 330, 135248.	2.6	17
26	Unraveling the Intra and Intercycle Interfacial Evolution of Li₆PS₅Clâ€Based Allâ€Solidâ€State Lithium Batteries. Advanced Energy Materials, 2020, 10, 1903311.	10.2	141
27	Puffed Rice Carbon with Coupled Sulfur and Metal Iron for High-Efficiency Mercury Removal in Aqueous Solution. Environmental Science & Technology, 2020, 54, 2539-2547.	4.6	46
28	Silicon-Doped Argyrodite Solid Electrolyte Li₆PS₅I with Improved Ionic Conductivity and Interfacial Compatibility for High-Performance All-Solid-State Lithium Batteries. ACS Applied Materials & Interfaces, 2020, 12, 41538-41545.	4.0	90
29	High-capacity SiO (0â‰xâ‰2) as promising anode materials for next-generation lithium-ion batteries. Journal of Alloys and Compounds, 2020, 842, 155774.	2.8	69
30	A Solar-Driven Flexible Electrochromic Supercapacitor. Materials, 2020, 13, 1206.	1.3	34
31	Hydrogen Pressure-Dependent Dehydrogenation Performance of the Mg(NH₂)₂â€“2LiHâ€“0.07KOH System. ACS Applied Materials & Interfaces, 2020, 12, 15255-15261.	4.0	10
32	Rational design of highly efficient metal-polyaniline/carbon cloth catalyst towards enhanced oxygen reduction reaction. Ionics, 2020, 26, 5065-5073.	1.2	4
33	Lithium Sulfide as Cathode Materials for Lithium-Ion Batteries: Advances and Challenges. Journal of Chemistry, 2020, 2020, 1-17.	0.9	9
34	Tremella-like porous carbon derived from one-step electroreduction of molten carbonates with superior rate capability for sodium-ion batteries. Ionics, 2020, 26, 2899-2907.	1.2	4
35	Lithium Batteries: Unraveling the Intra and Intercycle Interfacial Evolution of Li₆PS₅Clâ€Based Allâ€Solidâ€State Lithium Batteries (Adv. Energy Mater. 4/2020). Advanced Energy Materials, 2020, 10, 2070017.	10.2	9
36	Mechanochemical synthesis of carbon from CO2: Mechanism for milling process-dependent morphology of carbon. Journal of Alloys and Compounds, 2020, 830, 154681.	2.8	9

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37	Embedding submicron SiO2 into porous carbon as advanced lithiumâ€'ion batteries anode with ultralong cycle life and excellent rate capability. Journal of the Taiwan Institute of Chemical Engineers, 2019, 95, 227-233.	2.7	12
38	An Allâ€Prussianâ€Blueâ€Based Aqueous Sodiumâ€Ion Battery. ChemElectroChem, 2019, 6, 4848-4853.	1.7	44
39	Synthesis and electrochemical performance of poly(vinylidene fluoride)/SiO2 hybrid membrane for lithium-ion batteries. Journal of Solid State Electrochemistry, 2019, 23, 519-527.	1.2	28
40	Atomic Sulfur Covalently Engineered Interlayers of Ti₃C₂ MXene for Ultraâ€Fast Sodiumâ€Ion Storage by Enhanced Pseudocapacitance. Advanced Functional Materials, 2019, 29, 1808107.	7.8	213
41	Freestanding layer-structure selenium cathodes with ultrahigh Se loading for high areal capacity Li-Se batteries. Electrochemistry Communications, 2019, 99, 16-21.	2.3	19
42	Sand/carbon composites as low-cost lithium storage materials with superior electrochemical performance. New Journal of Chemistry, 2019, 43, 4123-4129.	1.4	7
43	Hierarchically assembled mesoporous carbon nanosheets with an ultra large pore volume for high-performance lithiumâ€"sulfur batteries. New Journal of Chemistry, 2019, 43, 1380-1387.	1.4	16
44	A Universal Strategy to Fabricate Metal Sulfides@Carbon Fibers As Freestanding and Flexible Anodes for High-Performance Lithium/Sodium Storage. ACS Applied Energy Materials, 2019, 2, 4421-4427.	2.5	17
45	Ultraefficient Conversion of CO₂ into Morphologyâ€Controlled Nanocarbons: A Sustainable Strategy toward Greenhouse Gas Utilization. Small, 2019, 15, e1902249.	5.2	21
46	Na₂Fe(SO₄)₂: an anhydrous 3.6ÂV, low-cost and good-safety cathode for a rechargeable sodium-ion battery. Journal of Materials Chemistry A, 2019, 7, 13197-13204.	5.2	32
47	Importing Tin Nanoparticles into Biomassâ€Derived Silicon Oxycarbides with Highâ€Rate Cycling Capability Based on Supercritical Fluid Technology. Chemistry - A European Journal, 2019, 25, 7719-7725.	1.7	14
48	Empowering Metal Phosphides Anode with Catalytic Attribute toward Superior Cyclability for Lithiumâ€Ion Storage. Advanced Functional Materials, 2019, 29, 1809051.	7.8	52
49	Bio-templated fabrication of MnO nanoparticles in SiOC matrix with lithium storage properties. Chemical Engineering Journal, 2019, 359, 584-593.	6.6	43
50	Electrical heating behavior of flexible thermoplastic polyurethane/Super-P nanoparticle composite films for advanced wearable heaters. Journal of Industrial and Engineering Chemistry, 2019, 71, 293-300.	2.9	33
51	Improved high rate capability of Li[Li0.2Mn0.534Co0.133Ni0.133]O2 cathode material by surface modification with Co3O4. Journal of Alloys and Compounds, 2019, 783, 349-356.	2.8	22
52	Enhanced Electrochemical Performance of Lithiumâ€"Sulfur Batteries with Surface Copolymerization of Cathode. Journal of the Electrochemical Society, 2019, 166, A5349-A5353.	1.3	13
53	A flexible non-precious metal Fe-N/C catalyst for highly efficient oxygen reduction reaction. Nanotechnology, 2019, 30, 144001.	1.3	9
54	Poly(ethylene oxide) reinforced Li6PS5Cl composite solid electrolyte for all-solid-state lithium battery: Enhanced electrochemical performance, mechanical property and interfacial stability. Journal of Power Sources, 2019, 412, 78-85.	4.0	141

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55	Hetero-interface constructs ion reservoir to enhance conversion reaction kinetics for sodium/lithium storage. Energy Storage Materials, 2019, 18, 107-113.	9.5	105
56	Mg₂B₂O₅ Nanowire Enabled Multifunctional Solid-State Electrolytes with High Ionic Conductivity, Excellent Mechanical Properties, and Flame-Retardant Performance. Nano Letters, 2018, 18, 3104-3112.	4.5	245
57	Sustainable, inexpensive, naturally multi-functionalized biomass carbon for both Li metal anode and sulfur cathode. Energy Storage Materials, 2018, 15, 218-225.	9.5	88
58	Synthesis of hierarchical porous carbon from metal carbonates towards high-performance lithium storage. Green Chemistry, 2018, 20, 1484-1490.	4.6	32
59	Electrochemical Performance of Structureâ€Dependent LiNi_{1/3}Co_{1/3}Mn_{1/3}O₂ in Aqueous Rechargeable Lithiumâ€Ion Batteries. Energy Technology, 2018, 6, 391-396.	1.8	18
60	Toast-like porous carbon derived from one-step reduction of CaCO3 for electrochemical lithium storage. Carbon, 2018, 130, 559-565.	5.4	23
61	Supercritical CO2 assisted synthesis of sulfur-modified zeolites as high-efficiency adsorbents for Hg2+ removal from water. New Journal of Chemistry, 2018, 42, 3541-3550.	1.4	13
62	Electrochemical lithium storage properties of desert sands. Ionics, 2018, 24, 2233-2239.	1.2	4
63	Metal oxide nanoparticles induced step-edge nucleation of stable Li metal anode working under an ultrahigh current density of 15 mA cmâ^'2. Nano Energy, 2018, 45, 203-209.	8.2	153
64	Enhancing Catalyzed Decomposition of Na₂CO₃ with Co₂MnO_x Nanowire-Decorated Carbon Fibers for Advanced Naâ€“CO₂ Batteries. ACS Applied Materials & Interfaces, 2018, 10, 17240-17248.	4.0	49
65	A green and facile strategy for the low-temperature and rapid synthesis of Li₂S@PCâ€“CNT cathodes with high Li₂S content for advanced Liâ€“S batteries. Journal of Materials Chemistry A, 2018, 6, 9906-9914.	5.2	45
66	Tunable pseudocapacitance storage of MXene by cation pillaring for high performance sodium-ion capacitors. Journal of Materials Chemistry A, 2018, 6, 7794-7806.	5.2	186
67	Enhanced sulfide chemisorption by conductive Al-doped ZnO decorated carbon nanoflakes for advanced Liâ€“S batteries. Nano Research, 2018, 11, 477-489.	5.8	36
68	Supercritical CO₂ mediated incorporation of sulfur into carbon matrix as cathode materials towards high-performance lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2018, 6, 212-222.	5.2	49
69	Biomass derived Ni(OH)2@porous carbon/sulfur composites synthesized by a novel sulfur impregnation strategy based on supercritical CO2 technology for advanced Li-S batteries. Journal of Power Sources, 2018, 378, 73-80.	4.0	87
70	Facilitation of sulfur evolution reaction by pyridinic nitrogen doped carbon nanoflakes for highly-stable lithium-sulfur batteries. Energy Storage Materials, 2018, 10, 1-9.	9.5	208
71	A new strategy for the construction of 3D TiO₂ nanowires/reduced graphene oxide for high-performance lithium/sodium batteries. Journal of Materials Chemistry A, 2018, 6, 24256-24266.	5.2	43
72	Supercritical CO₂-assisted synthesis of 3D porous SiOC/Se cathode for ultrahigh areal capacity and long cycle life Liâ€“Se batteries. Journal of Materials Chemistry A, 2018, 6, 24773-24782.	5.2	26

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73	Green and Low-Temperature Synthesis of Foam-like Hierarchical Porous Carbon from CO₂ as Superior Lithium Storage Material. ACS Applied Energy Materials, 2018, 1, 7123-7129.	2.5	17
74	Supercritical CO₂-Fluid-Assisted Synthesis of TiO₂ Quantum Dots/Reduced Graphene Oxide Composites for Outstanding Sodium Storage Capability. ACS Applied Energy Materials, 2018, 1, 7213-7219.	2.5	17
75	All-solid-state batteries with slurry coated LiNi0.8Co0.1Mn0.1O2 composite cathode and Li6PS5Cl electrolyte: Effect of binder content. Journal of Power Sources, 2018, 391, 73-79.	4.0	168
76	Effects of Nd-modification on the activity and SO₂ resistance of MnO_x/TiO₂ catalysts for low-temperature NH₃-SCR. New Journal of Chemistry, 2018, 42, 12845-12852.	1.4	19
77	Polyiodide-Shuttle Restricting Polymer Cathode for Rechargeable Lithium/Iodine Battery with Ultralong Cycle Life. ACS Applied Materials & Interfaces, 2018, 10, 17933-17941.	4.0	71
78	The effects of tungsten and hydrothermal aging in promoting NH3-SCR activity on V2O5/WO3-TiO2 catalysts. Applied Surface Science, 2018, 459, 639-646.	3.1	72
79	High-content of sulfur uniformly embedded in mesoporous carbon: a new electrodeposition synthesis and an outstanding lithiumâ€“sulfur battery cathode. Journal of Materials Chemistry A, 2017, 5, 5905-5911.	5.2	37
80	Supercritical fluid assisted synthesis of titanium carbide particles embedded in mesoporous carbon for advanced Li-S batteries. Journal of Alloys and Compounds, 2017, 706, 227-233.	2.8	20
81	3D lithium metal embedded within lithiophilic porous matrix for stable lithium metal batteries. Nano Energy, 2017, 37, 177-186.	8.2	431
82	Hybrid nanoarchitecture of TiO 2 nanotubes and graphene sheet for advanced lithium ion batteries. Materials Research Bulletin, 2017, 96, 425-430.	2.7	19
83	Ionic conductivity promotion of polymer electrolyte with ionic liquid grafted oxides for all-solid-state lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2017, 5, 12934-12942.	5.2	126
84	Submicron silica as highâ”capacity lithium storage material with superior cycling performance. Materials Research Bulletin, 2017, 96, 347-353.	2.7	19
85	Synthesis and electrochemical properties of LiMnPO4-modified Li[Li0.2Mn0.534Co0.133Ni0.133]O2 cathode material for Li-ion batteries. Electrochimica Acta, 2017, 235, 1-9.	2.6	19
86	N991/MWCNTs/PEO composite films with nano SiO 2 particles as filler for advanced flexible electric heating elements. Materials Research Bulletin, 2017, 90, 273-279.	2.7	21
87	Pillared Structure Design of MXene with Ultralarge Interlayer Spacing for High-Performance Lithium-Ion Capacitors. ACS Nano, 2017, 11, 2459-2469.	7.3	700
88	Highly dispersed surface active species of Mn/Ce/TiW catalysts for high performance at low temperature NH3-SCR. Chemical Engineering Journal, 2017, 330, 1195-1202.	6.6	119
89	Synthesis and electrochemical performance of nano TiO₂(B)-coated Li[Li_{0.2}Mn_{0.54}Co_{0.13}Ni_{0.13}]O₂ cathode materials for lithium-ion batteries. New Journal of Chemistry, 2017, 41, 12962-12968.	1.4	21
90	H₂O-induced self-propagating synthesis of hierarchical porous carbon: a promising lithium storage material with superior rate capability and ultra-long cycling life. Journal of Materials Chemistry A, 2017, 5, 18221-18229.	5.2	30

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91	Confining Sulfur in N-Doped Porous Carbon Microspheres Derived from Microalgaes for Advanced Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2017, 9, 23782-23791.	4.0	148
92	Efficient Activation of Li₂S by Transition Metal Phosphides Nanoparticles for Highly Stable Lithiumâ€“Sulfur Batteries. ACS Energy Letters, 2017, 2, 1711-1719.	8.8	252
93	Enhanced sulfide chemisorption using boron and oxygen dually doped multi-walled carbon nanotubes for advanced lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2017, 5, 632-640.	5.2	151
94	The Effects of Surfactants on Al₂O₃-Modified Li-rich Layered Metal Oxide Cathode Materials for Advanced Li-ion Batteries. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2017, 33, 1189-1196.	2.2	1
95	One-pot Biotemplate Synthesis of FeS 2 Decorated Sulfur-doped Carbon Fiber as High Capacity Anode for Lithium-ion Batteries. Electrochimica Acta, 2016, 209, 201-209.	2.6	63
96	Supercritical fluid assisted biotemplating synthesis of Siâ€“Oâ€“C microspheres from microalgae for advanced Li-ion batteries. RSC Advances, 2016, 6, 69764-69772.	1.7	35
97	Sn⁴⁺ Ion Decorated Highly Conductive Ti₃C₂ MXene: Promising Lithium-Ion Anodes with Enhanced Volumetric Capacity and Cyclic Performance. ACS Nano, 2016, 10, 2491-2499.	7.3	632
98	Facile synthesis of porous Li2S@C composites as cathode materials for lithiumâ€“sulfur batteries. Journal of Power Sources, 2016, 306, 200-207.	4.0	71
99	TiC/NiO Core/Shell Nanoarchitecture with Battery-Capacitive Synchronous Lithium Storage for High-Performance Lithium-Ion Battery. ACS Applied Materials & Interfaces, 2015, 7, 11842-11848.	4.0	51
100	A hybrid Si@FeSi_y/SiO_x anode structure for high performance lithium-ion batteries via ammonia-assisted one-pot synthesis. Journal of Materials Chemistry A, 2015, 3, 10767-10776.	5.2	50
101	Sulfur synchronously electrodeposited onto exfoliated graphene sheets as a cathode material for advanced lithiumâ€“sulfur batteries. Journal of Materials Chemistry A, 2015, 3, 16513-16519.	5.2	37
102	Controllable synthesis and in situ TEM study of lithiation mechanism of high performance NaV₃O₈ cathodes. Journal of Materials Chemistry A, 2015, 3, 3044-3050.	5.2	13
103	Bio-templated Fabrication of Highly Defective Carbon Anchored MnO Anode Materials with High Reversible Capacity. Electrochimica Acta, 2015, 169, 159-167.	2.6	33
104	Electrochemical properties of Sn-doped Li3V2(PO4)3 cathode material synthesized via a citric acid assisted solâ€“gel method. Journal of Alloys and Compounds, 2015, 652, 298-306.	2.8	15
105	Hybrid nanoarchitecture of rutile TiO2 nanoneedle/graphene for advanced lithium-ion batteries. Solid State Ionics, 2015, 269, 44-50.	1.3	34
106	Amorphous Fe2O3 as a high-capacity, high-rate and long-life anode material for lithium ion batteries. Nano Energy, 2014, 4, 23-30.	8.2	307
107	Facile fabrication of red phosphorus/TiO₂ composites for lithium ion batteries. RSC Advances, 2014, 4, 60914-60919.	1.7	15
108	Effect of gas back pressure on hydrogen storage properties and crystal structures of Li 2 Mg(NH) 2. International Journal of Hydrogen Energy, 2014, 39, 17754-17764.	3.8	16

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109	Well-dispersed ultrafine Mn₃O₄ nanocrystals on reduced graphene oxide with high electrochemical Li-storage performance. New Journal of Chemistry, 2014, 38, 4743-4747.	1.4	26
110	Strong Sulfur Binding with Conducting MagnÃ©li-Phase Ti_nO_{2nâ€“1} Nanomaterials for Improving Lithiumâ€“Sulfur Batteries. Nano Letters, 2014, 14, 5288-5294.	4.5	643
111	A facile synthesis of Fe3O4/C composite with high cycle stability as anode material for lithium-ion batteries. Journal of Power Sources, 2013, 239, 466-474.	4.0	139
112	Ca(BH4)2â€“LiBH4â€“MgH2: a novel ternary hydrogen storage system with superior long-term cycling performance. Journal of Materials Chemistry A, 2013, 1, 12285.	5.2	35
113	Understanding the role of K in the significantly improved hydrogen storage properties of a KOH-doped Liâ€“Mgâ€“Nâ€“H system. Journal of Materials Chemistry A, 2013, 1, 5031.	5.2	48
114	Improved hydrogen storage performance of Ca(BH4)2: a synergetic effect of porous morphology and in situ formed TiO2. Energy and Environmental Science, 2013, 6, 847.	15.6	35
115	FeO/C anode materials of high capacity and cycle stability for lithium-ion batteries synthesized by carbothermal reduction. Journal of Alloys and Compounds, 2013, 565, 97-103.	2.8	64
116	Lithium alloys and metal oxides as high-capacity anode materials for lithium-ion batteries. Journal of Alloys and Compounds, 2013, 575, 246-256.	2.8	233
117	Solidâ€“Solid Heterogeneous Catalysis: The Role of Potassium in Promoting the Dehydrogenation of the Mg(NH₂)₂/2â€‰LiH Composite. ChemSusChem, 2013, 6, 2181-2189.	3.6	27
118	A novel catalyst precursor K₂TiF₆with remarkable synergetic effects of K, Ti and F together on reversible hydrogen storage of NaAlH₄. Chemical Communications, 2011, 47, 1740-1742.	2.2	78
119	Local defects enhanced dehydrogenation kinetics of the NaBH4-added Liâ€“Mgâ€“Nâ€“H system. Physical Chemistry Chemical Physics, 2011, 13, 314-321.	1.3	34
120	Correlation between composition and hydrogen storage behaviors of the Li2NH-MgNH combination system. Dalton Transactions, 2011, 40, 8179.	1.6	19
121	Liâ€“Mgâ€“Nâ€“H-based combination systems for hydrogen storage. Journal of Alloys and Compounds, 2011, 509, 7844-7853.	2.8	73
122	Enhanced dehydrogenation/hydrogenation kinetics of the Mg(NH2)2â€“2LiH system with NaOH additive. International Journal of Hydrogen Energy, 2011, 36, 2137-2144.	3.8	44
123	Reaction Pathways Determined by Mechanical Milling Process for Dehydrogenation/Hydrogenation of the LiNH₂/MgH₂ System. Chemistry - A European Journal, 2010, 16, 693-702.	1.7	40
124	Hydrogen storage reaction over a ternary imide Li2Mg2N3H3. Physical Chemistry Chemical Physics, 2010, 12, 3108.	1.3	24
125	Carbon-Based Electrodes. ACS Symposium Series, 0, , 1-14.	0.5	0