Xiong Wen David Lou

List of Publications by Year
in descending order

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411	122,222	23	140
papers	citations	205 h-index	341 g-index

424	424	424	59469
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Loading Singleâ€Ni Atoms on Assembled Hollow Nâ€Rich Carbon Plates for Efficient CO₂ Electroreduction. Advanced Materials, 2022, 34, e2105204.	11.1	100
2	Construction of Ni(CN)₂/NiSe₂ Heterostructures by Stepwise Topochemical Pathways for Efficient Electrocatalytic Oxygen Evolution. Advanced Materials, 2022, 34, e2104405.	11.1	73
3	Design and Synthesis of Hollow Nanostructures for Electrochemical Water Splitting. Advanced Science, 2022, 9, e2105135.	5.6	110
4	Operando Monitoring and Deciphering the Structural Evolution in Oxygen Evolution Electrocatalysis. Advanced Energy Materials, 2022, 12, .	10.2	90
5	Single-atom catalysts for photocatalytic energy conversion. Joule, 2022, 6, 92-133.	11.7	229
6	Synthesis of Nitrogenâ€Doped KMn₈O₁₆ with Oxygen Vacancy for Stable Zincâ€Ion Batteries. Advanced Science, 2022, 9, e2106067.	5.6	70
7	Self-assembled monolayers direct a LiF-rich interphase toward long-life lithium metal batteries. Science, 2022, 375, 739-745.	6.0	368
8	Synthesis of Nâ€Doped Highly Graphitic Carbon Urchinâ€Like Hollow Structures Loaded with Singleâ€Ni Atoms towards Efficient CO₂Electroreduction. Angewandte Chemie, 2022, 134, .	1.6	11
9	Synthesis of Nâ€Doped Highly Graphitic Carbon Urchinâ€Like Hollow Structures Loaded with Singleâ€Ni Atoms towards Efficient CO₂Electroreduction. Angewandte Chemie - International Edition, 2022, 61, .	7.2	64
10	Confining Sn nanoparticles in interconnected N-doped hollow carbon spheres as hierarchical zincophilic fibers for dendrite-free Zn metal anodes. Science Advances, 2022, 8, eabm5766.	4.7	150
11	Nitrogenâ€Doped Carbon Fibers Embedded with Zincophilic Cu Nanoboxes for Stable Znâ€Metal Anodes. Advanced Materials, 2022, 34, e2200342.	11.1	149
12	Formation of Superâ€Assembled TiO_x/Zn/Nâ€Doped Carbon Inverse Opal Towards Dendriteâ€Free Zn Anodes. Angewandte Chemie - International Edition, 2022, 61, e202115649.	7.2	76
13	Formation of Superâ€Assembled TiO_x/Zn/Nâ€Doped Carbon Inverse Opal Towards Dendriteâ€Free Zn Anodes. Angewandte Chemie, 2022, 134, .	1.6	4
14	Rationally designed nitrogen-doped carbon macroporous fibers with loading of single cobalt sites for efficient aqueous Zn-CO2 batteries. Chem Catalysis, 2022, 2, 1480-1493.	2.9	26
15	Atomically Dispersed Reactive Centers for Electrocatalytic CO₂ Reduction and Water Splitting. Angewandte Chemie - International Edition, 2021, 60, 13177-13196.	7.2	143
16	Atomically Dispersed Reactive Centers for Electrocatalytic CO₂ Reduction and Water Splitting. Angewandte Chemie, 2021, 133, 13285-13304.	1.6	20
17	Metalâ€“Organic Frameworks Derived Functional Materials for Electrochemical Energy Storage and Conversion: A Mini Review. Nano Letters, 2021, 21, 1555-1565.	4.5	351
18	Nitrogenâ€Doped Amorphous Znâ€“Carbon Multichannel Fibers for Stable Lithium Metal Anodes. Angewandte Chemie - International Edition, 2021, 60, 8515-8520.	7.2	115

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19	Nitrogenâ€Doped Amorphous Znâ€“Carbon Multichannel Fibers for Stable Lithium Metal Anodes. Angewandte Chemie, 2021, 133, 8596-8601.	1.6	17
20	Trimetallic Spinel NiCo_{2â^'x}Fe_xO₄ Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. Angewandte Chemie, 2021, 133, 11947-11952.	1.6	33
21	Exposing unsaturated Cu ₁ -O ₂ sites in nanoscale Cu-MOF for efficient electrocatalytic hydrogen evolution. Science Advances, 2021, 7, .	4.7	183
22	Trimetallic Spinel NiCo_{2â^'x}Fe_xO₄ Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. Angewandte Chemie - International Edition, 2021, 60, 11841-11846.	7.2	247
23	Lotusâ€Rootâ€Like Carbon Fibers Embedded with Niâ€“Co Nanoparticles for Dendriteâ€Free Lithium Metal Anodes. Advanced Materials, 2021, 33, e2100608.	11.1	99
24	Rational Design and Engineering of Oneâ€Dimensional Hollow Nanostructures for Efficient Electrochemical Energy Storage. Angewandte Chemie - International Edition, 2021, 60, 20102-20118.	7.2	123
25	A highly stable lithium metal anode enabled by Ag nanoparticleâ€“embedded nitrogen-doped carbon macroporous fibers. Science Advances, 2021, 7, .	4.7	212
26	Rational Design and Engineering of Oneâ€Dimensional Hollow Nanostructures for Efficient Electrochemical Energy Storage. Angewandte Chemie, 2021, 133, 20262-20278.	1.6	13
27	Engineering Platinumâ€“Cobalt Nanoâ€alloys in Porous Nitrogenâ€Doped Carbon Nanotubes for Highly Efficient Electrocatalytic Hydrogen Evolution. Angewandte Chemie, 2021, 133, 19216-19221.	1.6	9
28	Engineering Platinumâ€“Cobalt Nanoâ€alloys in Porous Nitrogenâ€Doped Carbon Nanotubes for Highly Efficient Electrocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2021, 60, 19068-19073.	7.2	149
29	Manipulating the Local Coordination and Electronic Structures for Efficient Electrocatalytic Oxygen Evolution. Advanced Materials, 2021, 33, e2103004.	11.1	142
30	Construction of Coâ€“Mn Prussian Blue Analog Hollow Spheres for Efficient Aqueous Znâ€ion Batteries. Angewandte Chemie, 2021, 133, 22363-22368.	1.6	12
31	Construction of Coâ€“Mn Prussian Blue Analog Hollow Spheres for Efficient Aqueous Znâ€ion Batteries. Angewandte Chemie - International Edition, 2021, 60, 22189-22194.	7.2	265
32	Recent Advances on Transition Metal Dichalcogenides for Electrochemical Energy Conversion. Advanced Materials, 2021, 33, e2008376.	11.1	114
33	Phosphorized CoNi₂S₄ Yolkâ€Shell Spheres for Highly Efficient Hydrogen Production via Water and Urea Electrolysis. Angewandte Chemie, 2021, 133, 23067-23073.	1.6	14
34	Phosphorized CoNi₂S₄ Yolkâ€Shell Spheres for Highly Efficient Hydrogen Production via Water and Urea Electrolysis. Angewandte Chemie - International Edition, 2021, 60, 22885-22891.	7.2	191
35	Isolated Cobalt Centers on W₁₈O₄₉ Nanowires Perform as a Reaction Switch for Efficient CO₂ Photoreduction. Journal of the American Chemical Society, 2021, 143, 2173-2177.	6.6	199
36	Biomass-based materials for green lithium secondary batteries. Energy and Environmental Science, 2021, 14, 1326-1379.	15.6	157

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37	Rationally Designed Mn₂O₃â€“ZnMn₂O₄ Hollow Heterostructures from Metalâ€“Organic Frameworks for Stable Znâ€Ion Storage. Angewandte Chemie - International Edition, 2021, 60, 25793-25798.	7.2	82
38	Synergetic Cobaltâ€Copperâ€Based Bimetalâ€“Organic Framework Nanoboxes toward Efficient Electrochemical Oxygen Evolution. Angewandte Chemie, 2021, 133, 26601-26606.	1.6	14
39	Rationally Designed Mn₂O₃â€“ZnMn₂O₄ Hollow Heterostructures from Metalâ€“Organic Frameworks for Stable Znâ€Ion Storage. Angewandte Chemie, 2021, 133, 25997-26002.	1.6	13
40	Synergetic Cobaltâ€Copperâ€Based Bimetalâ€“Organic Framework Nanoboxes toward Efficient Electrochemical Oxygen Evolution. Angewandte Chemie - International Edition, 2021, 60, 26397-26402.	7.2	105
41	In situ activation of Br-confined Ni-based metal-organic framework hollow prisms toward efficient electrochemical oxygen evolution. Science Advances, 2021, 7, eabk0919.	4.7	87
42	Metalâ€“Organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. Angewandte Chemie, 2020, 132, 4662-4678.	1.6	114
43	Metalâ€“Organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2020, 59, 4634-4650.	7.2	457
44	Hierarchical Hollow Heterostructures for Photocatalytic CO₂ Reduction and Water Splitting. Small Methods, 2020, 4, 1900586.	4.6	157
45	Confining Subâ€Nanometer Pt Clusters in Hollow Mesoporous Carbon Spheres for Boosting Hydrogen Evolution Activity. Advanced Materials, 2020, 32, e1901349.	11.1	255
46	Synthesis of Copperâ€Substituted CoS₂@Cu_xS Doubleâ€Shelled Nanoboxes by Sequential Ion Exchange for Efficient Sodium Storage. Angewandte Chemie, 2020, 132, 2666-2670.	1.6	29
47	Synthesis of Copperâ€Substituted CoS₂@Cu_xS Doubleâ€Shelled Nanoboxes by Sequential Ion Exchange for Efficient Sodium Storage. Angewandte Chemie - International Edition, 2020, 59, 2644-2648.	7.2	182
48	Nitrogenâ€Doped Cobalt Pyrite Yolkâ€“Shell Hollow Spheres for Longâ€Life Rechargeable Znâ€“Air Batteries. Advanced Science, 2020, 7, 2001178.	5.6	206
49	Co₃O₄ Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. Angewandte Chemie - International Edition, 2020, 59, 19914-19918.	7.2	177
50	Co₃O₄ Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. Angewandte Chemie, 2020, 132, 20086-20090.	1.6	29
51	Direct probing of atomically dispersed Ru species over multi-edged TiO ₂ for highly efficient photocatalytic hydrogen evolution. Science Advances, 2020, 6, .	4.7	161
52	Recent Advances on Mixed Metal Sulfides for Advanced Sodiumâ€Ion Batteries. Advanced Materials, 2020, 32, e2002976.	11.1	234
53	Fabrication of CdS Frameâ€inâ€Cage Particles for Efficient Photocatalytic Hydrogen Generation under Visibleâ€Light Irradiation. Advanced Materials, 2020, 32, e2004561.	11.1	102
54	Formation of Hierarchical FeCoS 2 â€“CoS 2 Doubleâ€Shelled Nanotubes with Enhanced Performance for Photocatalytic Reduction of CO 2. Angewandte Chemie, 2020, 132, 12016-12020.	1.6	24

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55	Implanting Isolated Ru Atoms into Edgeâ€Rich Carbon Matrix for Efficient Electrocatalytic Hydrogen Evolution. Advanced Energy Materials, 2020, 10, 2000882.	10.2	144
56	Doubleâ€Shelled C@MoS 2 Structures Preloaded with Sulfur: Anâ€‰Additive Reservoir for Stable Lithium Metal Anodes. Angewandte Chemie, 2020, 132, 15973-15977.	1.6	11
57	Doubleâ€Shelled C@MoS₂ Structures Preloaded with Sulfur: Anâ€‰Additive Reservoir for Stable Lithium Metal Anodes. Angewandte Chemie - International Edition, 2020, 59, 15839-15843.	7.2	79
58	Direct Conversion of Rice Husks to Nanostructured SiC/C for CO₂ Photoreduction. Advanced Materials, 2020, 32, e2001560.	11.1	78
59	An ultrastable lithium metal anode enabled by designed metal fluoride spansules. Science Advances, 2020, 6, eaaz3112.	4.7	157
60	Designed Formation of Doubleâ€Shelled Niâ€“Fe Layeredâ€Doubleâ€Hydroxide Nanocages for Efficient Oxygen Evolution Reaction. Advanced Materials, 2020, 32, e1906432.	11.1	305
61	NiMnâ€Based Bimetalâ€“Organic Framework Nanosheets Supported on Multiâ€Channel Carbon Fibers for Efficient Oxygen Electrocatalysis. Angewandte Chemie, 2020, 132, 18391-18396.	1.6	24
62	Emerging Multifunctional Single-Atom Catalysts/Nanozymes. ACS Central Science, 2020, 6, 1288-1301.	5.3	159
63	Metal Atomâ€Doped Co₃O₄ Hierarchical Nanoplates for Electrocatalytic Oxygen Evolution. Advanced Materials, 2020, 32, e2002235.	11.1	332
64	NiMnâ€Based Bimetalâ€“Organic Framework Nanosheets Supported on Multiâ€Channel Carbon Fibers for Efficient Oxygen Electrocatalysis. Angewandte Chemie - International Edition, 2020, 59, 18234-18239.	7.2	232
65	Rationally Designed Threeâ€Layered Cu₂S@Carbon@MoS₂ Hierarchical Nanoboxes for Efficient Sodium Storage. Angewandte Chemie, 2020, 132, 7245-7250.	1.6	42
66	Rationally Designed Threeâ€Layered Cu₂S@Carbon@MoS₂ Hierarchical Nanoboxes for Efficient Sodium Storage. Angewandte Chemie - International Edition, 2020, 59, 7178-7183.	7.2	232
67	Fabrication of Heterostructured Fe₂TiO₅â€“TiO₂ Nanocages with Enhanced Photoelectrochemical Performance for Solar Energy Conversion. Angewandte Chemie, 2020, 132, 8205-8209.	1.6	42
68	Nonâ€Nobleâ€Metalâ€Based Electrocatalysts toward the Oxygen Evolution Reaction. Advanced Functional Materials, 2020, 30, 1910274.	7.8	760
69	Advanced Electrocatalysts for the Oxygen Reduction Reaction in Energy Conversion Technologies. Joule, 2020, 4, 45-68.	11.7	596
70	Fabrication of Heterostructured Fe₂TiO₅â€“TiO₂ Nanocages with Enhanced Photoelectrochemical Performance for Solar Energy Conversion. Angewandte Chemie - International Edition, 2020, 59, 8128-8132.	7.2	58
71	Formation of Hierarchical FeCoS₂â€“CoS₂ Doubleâ€Shelled Nanotubes with Enhanced Performance for Photocatalytic Reduction of CO₂. Angewandte Chemie - International Edition, 2020, 59, 11918-11922.	7.2	202
72	Ultrasmall MoO_x Clusters as a Novel Cocatalyst for Photocatalytic Hydrogen Evolution. Advanced Materials, 2019, 31, e1804883.	11.1	222

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73	Construction of CoO/Coâ€Cuâ€S Hierarchical Tubular Heterostructures for Hybrid Supercapacitors. Angewandte Chemie, 2019, 131, 15587-15593.	1.6	80
74	Construction of CoO/Coâ€Cuâ€S Hierarchical Tubular Heterostructures for Hybrid Supercapacitors. Angewandte Chemie - International Edition, 2019, 58, 15441-15447.	7.2	346
75	Construction of Hierarchical Coâ€“Fe Oxyphosphide Microtubes for Electrocatalytic Overall Water Splitting. Advanced Science, 2019, 6, 1900576.	5.6	208
76	Nanostructured Electrode Materials for Advanced Sodium-Ion Batteries. Matter, 2019, 1, 90-114.	5.0	266
77	Supporting Ultrathin ZnIn₂S₄ Nanosheets on Co/Nâ€Doped Graphitic Carbon Nanocages for Efficient Photocatalytic H₂ Generation. Advanced Materials, 2019, 31, e1903404.	11.1	300
78	Interfacing Manganese Oxide and Cobalt in Porous Graphitic Carbon Polyhedrons Boosts Oxygen Electrocatalysis for Znâ€“Air Batteries. Advanced Materials, 2019, 31, e1902339.	11.1	363
79	Bi₂O₃ Nanosheets Grown on Multiâ€Channel Carbon Matrix to Catalyze Efficient CO₂ Electroreduction to HCOOH. Angewandte Chemie - International Edition, 2019, 58, 13828-13833.	7.2	254
80	Bi₂O₃ Nanosheets Grown on Multiâ€Channel Carbon Matrix to Catalyze Efficient CO₂ Electroreduction to HCOOH. Angewandte Chemie, 2019, 131, 13966-13971.	1.6	45
81	Unveiling the Activity Origin of Electrocatalytic Oxygen Evolution over Isolated Ni Atoms Supported on a Nâ€Doped Carbon Matrix. Advanced Materials, 2019, 31, e1904548.	11.1	256
82	Dispersed Nickel Cobalt Oxyphosphide Nanoparticles Confined in Multichannel Hollow Carbon Fibers for Photocatalytic CO 2 Reduction. Angewandte Chemie, 2019, 131, 17396-17400.	1.6	17
83	Dispersed Nickel Cobalt Oxyphosphide Nanoparticles Confined in Multichannel Hollow Carbon Fibers for Photocatalytic CO₂ Reduction. Angewandte Chemie - International Edition, 2019, 58, 17236-17240.	7.2	184
84	Engineering bunched Pt-Ni alloy nanocages for efficient oxygen reduction in practical fuel cells. Science, 2019, 366, 850-856.	6.0	1,005
85	A general dual-templating approach to biomass-derived hierarchically porous heteroatom-doped carbon materials for enhanced electrocatalytic oxygen reduction. Energy and Environmental Science, 2019, 12, 648-655.	15.6	318
86	Design of Heterostructured Hollow Photocatalysts for Solarâ€toâ€Chemical Energy Conversion. Advanced Materials, 2019, 31, e1900281.	11.1	307
87	Ultrafine Dualâ€Phased Carbide Nanocrystals Confined in Porous Nitrogenâ€Doped Carbon Dodecahedrons for Efficient Hydrogen Evolution Reaction. Advanced Materials, 2019, 31, e1900699.	11.1	311
88	Synthesis of CuS@CoS₂ Doubleâ€Shelled Nanoboxes with Enhanced Sodium Storage Properties. Angewandte Chemie, 2019, 131, 7821-7825.	1.6	63
89	Bulletâ€like Cu₉S₅ Hollow Particles Coated with Nitrogenâ€Doped Carbon for Sodiumâ€Ion Batteries. Angewandte Chemie, 2019, 131, 7826-7830.	1.6	43
90	Synthesis of CuS@CoS₂ Doubleâ€Shelled Nanoboxes with Enhanced Sodium Storage Properties. Angewandte Chemie - International Edition, 2019, 58, 7739-7743.	7.2	184

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91	Bulletâ€like Cu₉S₅ Hollow Particles Coated with Nitrogenâ€Doped Carbon for Sodiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2019, 58, 7744-7748.	7.2	173
92	Efficient Electrochemical Reduction of CO₂ to HCOOH over Subâ€2â€...nm SnO₂ Quantum Wires with Exposed Grain Boundaries. Angewandte Chemie, 2019, 131, 8587-8591.	1.6	38
93	Efficient Electrochemical Reduction of CO₂ to HCOOH over Subâ€2â€...nm SnO₂ Quantum Wires with Exposed Grain Boundaries. Angewandte Chemie - International Edition, 2019, 58, 8499-8503.	7.2	322
94	Coâ€“Fe Alloy/Nâ€Doped Carbon Hollow Spheres Derived from Dual Metalâ€“Organic Frameworks for Enhanced Electrocatalytic Oxygen Reduction. Small, 2019, 15, e1805324.	5.2	172
95	Highly crystalline Ni-doped FeP/carbon hollow nanorods as all-pH efficient and durable hydrogen evolving electrocatalysts. Science Advances, 2019, 5, eaav6009.	4.7	508
96	Ordered colloidal clusters constructed by nanocrystals with valence for efficient CO ₂ photoreduction. Science Advances, 2019, 5, eaax5095.	4.7	62
97	Intramolecular electronic coupling in porous iron cobalt (oxy)phosphide nanoboxes enhances the electrocatalytic activity for oxygen evolution. Energy and Environmental Science, 2019, 12, 3348-3355.	15.6	234
98	Hollow Structures Based on Prussian Blue and Its Analogs for Electrochemical Energy Storage and Conversion. Advanced Materials, 2019, 31, e1706825.	11.1	445
99	A Ternary Fe_{1â”}_xS@Porous Carbon Nanowires/Reduced Graphene Oxide Hybrid Film Electrode with Superior Volumetric and Gravimetric Capacities for Flexible Sodium Ion Batteries. Advanced Energy Materials, 2019, 9, 1803052.	10.2	189
100	Metallic Porous Iron Nitride and Tantalum Nitride Single Crystals with Enhanced Electrocatalysis Performance. Advanced Materials, 2019, 31, e1806552.	11.1	51
101	Hierarchical Microboxes Constructed by SnS Nanoplates Coated with Nitrogenâ€Doped Carbon for Efficient Sodium Storage. Angewandte Chemie - International Edition, 2019, 58, 760-763.	7.2	152
102	Hierarchical Microboxes Constructed by SnS Nanoplates Coated with Nitrogenâ€Doped Carbon for Efficient Sodium Storage. Angewandte Chemie, 2019, 131, 770-773.	1.6	40
103	Synthesis of Cobalt Sulfide Multiâ€shelled Nanoboxes with Precisely Controlled Two to Five Shells for Sodiumâ€Ion Batteries. Angewandte Chemie, 2019, 131, 2701-2705.	1.6	29
104	Synthesis of Cobalt Sulfide Multiâ€shelled Nanoboxes with Precisely Controlled Two to Five Shells for Sodiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2019, 58, 2675-2679.	7.2	182
105	Fabrication of CdS hierarchical multi-cavity hollow particles for efficient visible light CO₂ reduction. Energy and Environmental Science, 2019, 12, 164-168.	15.6	217
106	Unusual Na⁺ Ion Intercalation/Deintercalation in Metal-Rich Cu_{1.8}S for Na-Ion Batteries. ACS Nano, 2018, 12, 2827-2837.	7.3	123
107	Formation of NiCo₂V₂O₈ Yolkâ€“Double Shell Spheres with Enhanced Lithium Storage Properties. Angewandte Chemie, 2018, 130, 2949-2953.	1.6	17
108	Realization of Walnutâ€Shaped Particles with Macroâ€/Mesoporous Open Channels through Pore Architecture Manipulation and Their Use in Electrocatalytic Oxygen Reduction. Angewandte Chemie - International Edition, 2018, 57, 6176-6180.	7.2	184

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109	Realization of Walnutâ€Shaped Particles with Macroâ€/Mesoporous Open Channels through Pore Architecture Manipulation and Their Use in Electrocatalytic Oxygen Reduction. Angewandte Chemie, 2018, 130, 6284-6288.	1.6	21
110	Metalâ€“Organic Framework-Assisted Synthesis of Compact Fe2O3 Nanotubes in Co3O4 Host with Enhanced Lithium Storage Properties. Nano-Micro Letters, 2018, 10, 44.	14.4	93
111	Formation of Hierarchical Cuâ€Doped CoSe₂ Microboxes via Sequential Ion Exchange for Highâ€Performance Sodiumâ€Ion Batteries. Advanced Materials, 2018, 30, e1706668.	11.1	402
112	Confining SnS2 Ultrathin Nanosheets in Hollow Carbon Nanostructures for Efficient Capacitive Sodium Storage. Joule, 2018, 2, 725-735.	11.7	324
113	Nanostructured Conversion-type Anode Materials for Advanced Lithium-Ion Batteries. CheM, 2018, 4, 972-996.	5.8	591
114	Formation of NiCo₂V₂O₈ Yolkâ€“Double Shell Spheres with Enhanced Lithium Storage Properties. Angewandte Chemie - International Edition, 2018, 57, 2899-2903.	7.2	131
115	Rationally designed hierarchical N-doped carbon@NiCo₂O₄ double-shelled nanoboxes for enhanced visible light CO₂ reduction. Energy and Environmental Science, 2018, 11, 306-310.	15.6	357
116	Dynamic traction of lattice-confined platinum atoms into mesoporous carbon matrix for hydrogen evolution reaction. Science Advances, 2018, 4, eaao6657.	4.7	460
117	Graphene Layersâ€Wrapped Fe/Fe₅C₂ Nanoparticles Supported on Nâ€doped Graphene Nanosheets for Highly Efficient Oxygen Reduction. Advanced Energy Materials, 2018, 8, 1702476.	10.2	205
118	Facile Synthesis of Multi-shelled ZnS-CdS Cages with Enhanced Photoelectrochemical Performance for Solar Energy Conversion. CheM, 2018, 4, 162-173.	5.8	202
119	Porous Ironâ€“Cobalt Alloy/Nitrogenâ€Doped Carbon Cages Synthesized via Pyrolysis of Complex Metalâ€“Organic Framework Hybrids for Oxygen Reduction. Advanced Functional Materials, 2018, 28, 1706738.	7.8	227
120	Construction of ZnIn₂S₄â€“In₂O₃ Hierarchical Tubular Heterostructures for Efficient CO₂ Photoreduction. Journal of the American Chemical Society, 2018, 140, 5037-5040.	6.6	934
121	Construction of hierarchical Niâ€“Coâ€“P hollow nanobricks with oriented nanosheets for efficient overall water splitting. Energy and Environmental Science, 2018, 11, 872-880.	15.6	773
122	Mixed Metal Sulfides for Electrochemical Energy Storage and Conversion. Advanced Energy Materials, 2018, 8, 1701592.	10.2	647
123	Construction of Complex Co₃O₄@Co₃V₂O₈ Hollow Structures from Metalâ€“Organic Frameworks with Enhanced Lithium Storage Properties. Advanced Materials, 2018, 30, 1702875.	11.1	262
124	Hierarchical Hollow Nanoprisms Based on Ultrathin Niâ€Fe Layered Double Hydroxide Nanosheets with Enhanced Electrocatalytic Activity towards Oxygen Evolution. Angewandte Chemie - International Edition, 2018, 57, 172-176.	7.2	507
125	Titelbild: Hierarchical Hollow Nanoprisms Based on Ultrathin Niâ€Fe Layered Double Hydroxide Nanosheets with Enhanced Electrocatalytic Activity towards Oxygen Evolution (Angew. Chem. 1/2018). Angewandte Chemie, 2018, 130, 1-1.	1.6	67
126	Hierarchical Hollow Nanoprisms Based on Ultrathin Niâ€Fe Layered Double Hydroxide Nanosheets with Enhanced Electrocatalytic Activity towards Oxygen Evolution. Angewandte Chemie, 2018, 130, 178-182.	1.6	72

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127	Construction of Heterostructured Fe₂O₃â€TiO₂ Microdumbbells for Photoelectrochemical Water Oxidation. Angewandte Chemie, 2018, 130, 15296-15300.	1.6	23
128	Construction of Heterostructured Fe₂O₃â€TiO₂ Microdumbbells for Photoelectrochemical Water Oxidation. Angewandte Chemie - International Edition, 2018, 57, 15076-15080.	7.2	130
129	Surface Modulation of Hierarchical MoS₂ Nanosheets by Ni Single Atoms for Enhanced Electrocatalytic Hydrogen Evolution. Advanced Functional Materials, 2018, 28, 1807086.	7.8	314
130	Formation of Hierarchical Co₉S₈@ZnIn₂S₄ Heterostructured Cages as an Efficient Photocatalyst for Hydrogen Evolution. Journal of the American Chemical Society, 2018, 140, 15145-15148.	6.6	642
131	Metalâ€“Organic Framework Hybridâ€Assisted Formation of Co₃O₄/Coâ€Fe Oxide Doubleâ€Shelled Nanoboxes for Enhanced Oxygen Evolution. Advanced Materials, 2018, 30, e1801211.	11.1	374
132	Nickelâ€“Iron Layered Double Hydroxide Hollow Polyhedrons as a Superior Sulfur Host for Lithiumâ€“Sulfur Batteries. Angewandte Chemie - International Edition, 2018, 57, 10944-10948.	7.2	269
133	Nickelâ€“Iron Layered Double Hydroxide Hollow Polyhedrons as a Superior Sulfur Host for Lithiumâ€“Sulfur Batteries. Angewandte Chemie, 2018, 130, 11110-11114.	1.6	35
134	Formation of Polypyrroleâ€Coated Sb₂Se₃ Microclips with Enhanced Sodiumâ€Storage Properties. Angewandte Chemie, 2018, 130, 10007-10011.	1.6	31
135	Construction of Single-Crystalline Prussian Blue Analog Hollow Nanostructures with Tailorable Topologies. CheM, 2018, 4, 1967-1982.	5.8	145
136	The Design and Synthesis of Hollow Microâ€/Nanostructures: Present and Future Trends. Advanced Materials, 2018, 30, e1800939.	11.1	301
137	A modular strategy for decorating isolated cobalt atoms into multichannel carbon matrix for electrocatalytic oxygen reduction. Energy and Environmental Science, 2018, 11, 1980-1984.	15.6	225
138	A pyrolyzed polyacrylonitrile/selenium disulfide composite cathode with remarkable lithium and sodium storage performances. Science Advances, 2018, 4, eaat1687.	4.7	225
139	Necklaceâ€Like Structures Composed of Fe₃N@C Yolkâ€“Shell Particles as an Advanced Anode for Sodiumâ€Ion Batteries. Advanced Materials, 2018, 30, e1800525.	11.1	145
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