

Xiong Wen Lou

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

427 papers	98,453 citations	184 h-index	308 g-index
455 ext. papers	109,035 ext. citations	14.7 avg, IF	9.18 L-index

#	Paper	IF	Citations
427	Hollow Micro-/Nanostructures: Synthesis and Applications. <i>Advanced Materials</i> , 2008 , 20, 3987-4019	24	2631
426	Defect-rich MoS ₂ ultrathin nanosheets with additional active edge sites for enhanced electrocatalytic hydrogen evolution. <i>Advanced Materials</i> , 2013 , 25, 5807-13	24	2285
425	Recent advances in metal oxide-based electrode architecture design for electrochemical energy storage. <i>Advanced Materials</i> , 2012 , 24, 5166-80	24	2029
424	Mixed transition-metal oxides: design, synthesis, and energy-related applications. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1488-504	16.4	1730
423	A metal-organic framework-derived bifunctional oxygen electrocatalyst. <i>Nature Energy</i> , 2016 , 1,	62.3	1622
422	Ultrathin Mesoporous NiCo ₂ O ₄ Nanosheets Supported on Ni Foam as Advanced Electrodes for Supercapacitors. <i>Advanced Functional Materials</i> , 2012 , 22, 4592-4597	15.6	1385
421	Metal oxide hollow nanostructures for lithium-ion batteries. <i>Advanced Materials</i> , 2012 , 24, 1903-11	24	1327
420	Constructing hierarchical spheres from large ultrathin anatase TiO ₂ nanosheets with nearly 100% exposed (001) facets for fast reversible lithium storage. <i>Journal of the American Chemical Society</i> , 2010 , 132, 6124-30	16.4	1149
419	Porous molybdenum carbide nano-octahedrons synthesized via confined carburization in metal-organic frameworks for efficient hydrogen production. <i>Nature Communications</i> , 2015 , 6, 6512	17.4	1056
418	Designed Synthesis of Coaxial SnO ₂ @carbon Hollow Nanospheres for Highly Reversible Lithium Storage. <i>Advanced Materials</i> , 2009 , 21, 2536-2539	24	965
417	Formation of nickel cobalt sulfide ball-in-ball hollow spheres with enhanced electrochemical pseudocapacitive properties. <i>Nature Communications</i> , 2015 , 6, 6694	17.4	941
416	Nanostructured metal oxide-based materials as advanced anodes for lithium-ion batteries. <i>Nanoscale</i> , 2012 , 4, 2526-42	7.7	915
415	General solution growth of mesoporous NiCo ₂ O ₄ nanosheets on various conductive substrates as high-performance electrodes for supercapacitors. <i>Advanced Materials</i> , 2013 , 25, 976-9	24	884
414	Designed Formation of Co ₃ O ₄ /NiCo ₂ O ₄ Double-Shelled Nanocages with Enhanced Pseudocapacitive and Electrocatalytic Properties. <i>Journal of the American Chemical Society</i> , 2015 , 137, 5590-5	16.4	880
413	Formation of Fe ₂ O ₃ microboxes with hierarchical shell structures from metal-organic frameworks and their lithium storage properties. <i>Journal of the American Chemical Society</i> , 2012 , 134, 17388-91	16.4	841
412	Enhancing lithium-sulphur battery performance by strongly binding the discharge products on amino-functionalized reduced graphene oxide. <i>Nature Communications</i> , 2014 , 5, 5002	17.4	792
411	Nitrogen-containing microporous carbon nanospheres with improved capacitive properties. <i>Energy and Environmental Science</i> , 2011 , 4, 717-724	35.4	789

410	Yolk/shell nanoparticles: new platforms for nanoreactors, drug delivery and lithium-ion batteries. <i>Chemical Communications</i> , 2011 , 47, 12578-91	5.8	727
409	Growth of ultrathin mesoporous Co ₃ O ₄ nanosheet arrays on Ni foam for high-performance electrochemical capacitors. <i>Energy and Environmental Science</i> , 2012 , 5, 7883	35.4	725
408	Single-crystalline NiCo ₂ O ₄ nanoneedle arrays grown on conductive substrates as binder-free electrodes for high-performance supercapacitors. <i>Energy and Environmental Science</i> , 2012 , 5, 9453	35.4	709
407	Assembling carbon-coated Fe ₂ O ₃ hollow nanohorns on the CNT backbone for superior lithium storage capability. <i>Energy and Environmental Science</i> , 2012 , 5, 5252-5256	35.4	708
406	Carbon coated porous nickel phosphides nanoplates for highly efficient oxygen evolution reaction. <i>Energy and Environmental Science</i> , 2016 , 9, 1246-1250	35.4	706
405	Quasiemulsion-templated formation of Fe ₂ O ₃ hollow spheres with enhanced lithium storage properties. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17146-8	16.4	699
404	Hollow Carbon Nanofibers Filled with MnO ₂ Nanosheets as Efficient Sulfur Hosts for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12886-90	16.4	691
403	Designed formation of hollow particle-based nitrogen-doped carbon nanofibers for high-performance supercapacitors. <i>Energy and Environmental Science</i> , 2017 , 10, 1777-1783	35.4	654
402	SnO ₂ -based nanomaterials: synthesis and application in lithium-ion batteries. <i>Small</i> , 2013 , 9, 1877-93	11	651
401	Metal-organic frameworks and their derived materials for electrochemical energy storage and conversion: Promises and challenges. <i>Science Advances</i> , 2017 , 3, eaap9252	14.3	639
400	Confining sulfur in double-shelled hollow carbon spheres for lithium-sulfur batteries. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9592-5	16.4	625
399	Self-templated formation of uniform NiCo ₂ O ₄ hollow spheres with complex interior structures for lithium-ion batteries and supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1868-72	16.4	618
398	Double-shelled CoMn ₂ O ₄ hollow microcubes as high-capacity anodes for lithium-ion batteries. <i>Advanced Materials</i> , 2012 , 24, 745-8	24	618
397	Carbon-Incorporated Nickel-Cobalt Mixed Metal Phosphide Nanoboxes with Enhanced Electrocatalytic Activity for Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3897-3900	16.4	582
396	Hierarchical NiCo ₂ O ₄ @MnO ₂ core-shell heterostructured nanowire arrays on Ni foam as high-performance supercapacitor electrodes. <i>Chemical Communications</i> , 2013 , 49, 137-9	5.8	581
395	Construction of hierarchical Ni ₂ Te ₃ P ₂ hollow nanobricks with oriented nanosheets for efficient overall water splitting. <i>Energy and Environmental Science</i> , 2018 , 11, 872-880	35.4	564
394	Metal Sulfide Hollow Nanostructures for Electrochemical Energy Storage. <i>Advanced Energy Materials</i> , 2016 , 6, 1501333	21.8	563
393	Formation of ZnMn ₂ O ₄ ball-in-ball hollow microspheres as a high-performance anode for lithium-ion batteries. <i>Advanced Materials</i> , 2012 , 24, 4609-13	24	557

- 392 Ultrathin MoS₂ Nanosheets Supported on N-doped Carbon Nanoboxes with Enhanced Lithium Storage and Electrocatalytic Properties. *Angewandte Chemie - International Edition*, **2015**, 54, 7395-8 16.4 548
- 391 Engineering bunched Pt-Ni alloy nanocages for efficient oxygen reduction in practical fuel cells. *Science*, **2019**, 366, 850-856 33.3 545
- 390 One-pot synthesis of cubic PtCu₃ nanocages with enhanced electrocatalytic activity for the methanol oxidation reaction. *Journal of the American Chemical Society*, **2012**, 134, 13934-7 16.4 531
- 389 Complex Hollow Nanostructures: Synthesis and Energy-Related Applications. *Advanced Materials*, **2017**, 29, 1604563 24 529
- 388 Metal-Organic-Framework-Based Materials as Platforms for Renewable Energy and Environmental Applications. *Joule*, **2017**, 1, 77-107 27.8 524
- 387 Complex Nanostructures from Materials based on Metal-Organic Frameworks for Electrochemical Energy Storage and Conversion. *Advanced Materials*, **2017**, 29, 1703614 24 522
- 386 A sulfur host based on titanium monoxide@carbon hollow spheres for advanced lithium-sulfur batteries. *Nature Communications*, **2016**, 7, 13065 17.4 511
- 385 High-performance flexible asymmetric supercapacitors based on a new graphene foam/carbon nanotube hybrid film. *Energy and Environmental Science*, **2014**, 7, 3709-3719 35.4 506
- 384 Mesoporous Co₃O₄ and CoO@C Topotactically Transformed from Chrysanthemum-like Co(CO₃)_{0.5}(OH)_{0.11}H₂O and Their Lithium-Storage Properties. *Advanced Functional Materials*, **2012**, 22, 861-871 15.6 506
- 383 Mixed Metal Sulfides for Electrochemical Energy Storage and Conversion. *Advanced Energy Materials*, **2018**, 8, 1701592 21.8 503
- 382 Rational designs and engineering of hollow micro-/nanostructures as sulfur hosts for advanced lithium-sulfur batteries. *Energy and Environmental Science*, **2016**, 9, 3061-3070 35.4 502
- 381 Fast formation of SnO₂ nanoboxes with enhanced lithium storage capability. *Journal of the American Chemical Society*, **2011**, 133, 4738-41 16.4 498
- 380 Hierarchical Mo₂C Nanotubes Organized by Ultrathin Nanosheets as a Highly Efficient Electrocatalyst for Hydrogen Production. *Angewandte Chemie - International Edition*, **2015**, 54, 15395-9 16.4 485
- 379 Metal-organic-frameworks-derived general formation of hollow structures with high complexity. *Journal of the American Chemical Society*, **2013**, 135, 10664-72 16.4 464
- 378 Template-free formation of uniform urchin-like FeOOH hollow spheres with superior capability for water treatment. *Advanced Materials*, **2012**, 24, 1111-6 24 463
- 377 Formation of Prussian-Blue-Analog Nanocages via a Direct Etching Method and their Conversion into Ni-Co-Mixed Oxide for Enhanced Oxygen Evolution. *Advanced Materials*, **2016**, 28, 4601-5 24 456
- 376 Controlled Growth of NiMoO₄ Nanosheet and Nanorod Arrays on Various Conductive Substrates as Advanced Electrodes for Asymmetric Supercapacitors. *Advanced Energy Materials*, **2015**, 5, 1401172 21.8 454
- 375 Formation of Onion-Like NiCo S Particles via Sequential Ion-Exchange for Hybrid Supercapacitors. *Advanced Materials*, **2017**, 29, 1605051 24 453

374	Double-Shelled Nanocages with Cobalt Hydroxide Inner Shell and Layered Double Hydroxides Outer Shell as High-Efficiency Polysulfide Mediator for Lithium-Sulfur Batteries. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3982-6	16.4	447
373	Hierarchical MoS ₂ microboxes constructed by nanosheets with enhanced electrochemical properties for lithium storage and water splitting. <i>Energy and Environmental Science</i> , 2014 , 7, 3302-3306	35.4	436
372	Metal-organic-framework-engaged formation of Co nanoparticle-embedded carbon@Co ₉ S ₈ double-shelled nanocages for efficient oxygen reduction. <i>Energy and Environmental Science</i> , 2016 , 9, 107-111	35.4	427
371	Bowl-like SnO ₂ @carbon hollow particles as an advanced anode material for lithium-ion batteries. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12803-7	16.4	426
370	Formation of Ni-Co-MoS Nanoboxes with Enhanced Electrocatalytic Activity for Hydrogen Evolution. <i>Advanced Materials</i> , 2016 , 28, 9006-9011	24	425
369	Structure-designed synthesis of FeS ₂ @C yolk-shell nanoboxes as a high-performance anode for sodium-ion batteries. <i>Energy and Environmental Science</i> , 2017 , 10, 1576-1580	35.4	411
368	Nanostructured Conversion-type Anode Materials for Advanced Lithium-Ion Batteries. <i>Chem</i> , 2018 , 4, 972-996	16.2	410
367	One-Pot Synthesis of Carbon-Coated SnO ₂ Nanocolloids with Improved Reversible Lithium Storage Properties. <i>Chemistry of Materials</i> , 2009 , 21, 2868-2874	9.6	406
366	Shape-Controlled Synthesis of MnO ₂ Nanostructures with Enhanced Electrocatalytic Activity for Oxygen Reduction. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 1694-1700	3.8	403
365	Facile synthesis of hierarchical MoS ₂ microspheres composed of few-layered nanosheets and their lithium storage properties. <i>Nanoscale</i> , 2012 , 4, 95-8	7.7	394
364	Controlled growth of NiCo ₂ O ₄ nanorods and ultrathin nanosheets on carbon nanofibers for high-performance supercapacitors. <i>Scientific Reports</i> , 2013 , 3, 1470	4.9	393
363	Preparation of SnO ₂ /Carbon Composite Hollow Spheres and Their Lithium Storage Properties. <i>Chemistry of Materials</i> , 2008 , 20, 6562-6566	9.6	393
362	Pie-like electrode design for high-energy density lithium-sulfur batteries. <i>Nature Communications</i> , 2015 , 6, 8850	17.4	391
361	Free-Standing Nitrogen-Doped Carbon Nanofiber Films: Integrated Electrodes for Sodium-Ion Batteries with Ultralong Cycle Life and Superior Rate Capability. <i>Advanced Energy Materials</i> , 2016 , 6, 1502217	21.8	390
360	Formation of nickel sulfide nanoframes from metal-organic frameworks with enhanced pseudocapacitive and electrocatalytic properties. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5331-5	16.4	379
359	Ultrathin and ultralong single-crystal platinum nanowire assemblies with highly stable electrocatalytic activity. <i>Journal of the American Chemical Society</i> , 2013 , 135, 9480-5	16.4	377
358	Hierarchical Hollow Nanoprisms Based on Ultrathin Ni-Fe Layered Double Hydroxide Nanosheets with Enhanced Electrocatalytic Activity towards Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 172-176	16.4	375
357	Formation of Ni(x)Co(3-x)S hollow nanoprisms with enhanced pseudocapacitive properties. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3711-4	16.4	368

356	SnO ₂ nanosheets grown on graphene sheets with enhanced lithium storage properties. <i>Chemical Communications</i> , 2011 , 47, 7155-7	5.8	367
355	Formation of SnO ₂ hollow nanospheres inside mesoporous silica nanoreactors. <i>Journal of the American Chemical Society</i> , 2011 , 133, 21-3	16.4	364
354	Non-Noble-Metal-Based Electrocatalysts toward the Oxygen Evolution Reaction. <i>Advanced Functional Materials</i> , 2020 , 30, 1910274	15.6	362
353	Highly crystalline Ni-doped FeP/carbon hollow nanorods as all-pH efficient and durable hydrogen evolving electrocatalysts. <i>Science Advances</i> , 2019 , 5, eaav6009	14.3	361
352	Self-supported formation of hierarchical NiCo ₂ O ₄ tetragonal microtubes with enhanced electrochemical properties. <i>Energy and Environmental Science</i> , 2016 , 9, 862-866	35.4	358
351	Sb@C coaxial nanotubes as a superior long-life and high-rate anode for sodium ion batteries. <i>Energy and Environmental Science</i> , 2016 , 9, 2314-2318	35.4	356
350	Hierarchical Tubular Structures Composed of Co ₃ O ₄ Hollow Nanoparticles and Carbon Nanotubes for Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5990-3	16.4	355
349	One-pot synthesis of Pt-Co alloy nanowire assemblies with tunable composition and enhanced electrocatalytic properties. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3797-801	16.4	348
348	Formation of Uniform Fe ₃ O ₄ Hollow Spheres Organized by Ultrathin Nanosheets and Their Excellent Lithium Storage Properties. <i>Advanced Materials</i> , 2015 , 27, 4097-101	24	346
347	Dynamic traction of lattice-confined platinum atoms into mesoporous carbon matrix for hydrogen evolution reaction. <i>Science Advances</i> , 2018 , 4, eaao6657	14.3	344
346	Flexible Hybrid Paper Made of Monolayer Co ₃ O ₄ Microsphere Arrays on rGO/CNTs and Their Application in Electrochemical Capacitors. <i>Advanced Functional Materials</i> , 2012 , 22, 2560-2566	15.6	336
345	Top-down fabrication of Fe ₂ O ₃ single-crystal nanodiscs and microparticles with tunable porosity for largely improved lithium storage properties. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13162-4	16.4	333
344	Mesoporous LiTiO ₄ hollow spheres with enhanced lithium storage capability. <i>Advanced Materials</i> , 2013 , 25, 2296-300	24	332
343	Facile synthesis of metal oxide/reduced graphene oxide hybrids with high lithium storage capacity and stable cyclability. <i>Nanoscale</i> , 2011 , 3, 1084-9	7.7	330
342	General Formation of M-MoS ₃ (M = Co, Ni) Hollow Structures with Enhanced Electrocatalytic Activity for Hydrogen Evolution. <i>Advanced Materials</i> , 2016 , 28, 92-7	24	328
341	Hierarchical MoS ₂ tubular structures internally wired by carbon nanotubes as a highly stable anode material for lithium-ion batteries. <i>Science Advances</i> , 2016 , 2, e1600021	14.3	327
340	Formation of Ni-Fe Mixed Diselenide Nanocages as a Superior Oxygen Evolution Electrocatalyst. <i>Advanced Materials</i> , 2017 , 29, 1703870	24	327
339	Embedding sulfur in MOF-derived microporous carbon polyhedrons for lithium-sulfur batteries. <i>Chemistry - A European Journal</i> , 2013 , 19, 10804-8	4.8	327

338	Formation of Double-Shelled Zinc-Cobalt Sulfide Dodecahedral Cages from Bimetallic Zeolitic Imidazolate Frameworks for Hybrid Supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7141-7145	16.4	326
337	Shape-controlled synthesis of porous Co ₃ O ₄ nanostructures for application in supercapacitors. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7015		313
336	Formation of Hierarchical Cu-Doped CoSe Microboxes via Sequential Ion Exchange for High-Performance Sodium-Ion Batteries. <i>Advanced Materials</i> , 2018 , 30, e1706668	24	311
335	Glucose-assisted growth of MoS ₂ nanosheets on CNT backbone for improved lithium storage properties. <i>Chemistry - A European Journal</i> , 2011 , 17, 13142-5	4.8	311
334	Hydrothermal Synthesis of HMoO ₃ Nanorods via Acidification of Ammonium Heptamolybdate Tetrahydrate. <i>Chemistry of Materials</i> , 2002 , 14, 4781-4789	9.6	311
333	Carbon-coated CdS petalous nanostructures with enhanced photostability and photocatalytic activity. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 5636-9	16.4	310
332	SnO ₂ hollow structures and TiO ₂ nanosheets for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2011 , 21, 9912		308
331	Facile synthesis of mesoporous Ni _{0.3} Co _{2.7} O ₄ hierarchical structures for high-performance supercapacitors. <i>Energy and Environmental Science</i> , 2013 , 6, 3619	35.4	307
330	Amorphous CoSnO ₃ @C nanoboxes with superior lithium storage capability. <i>Energy and Environmental Science</i> , 2013 , 6, 87-91	35.4	300
329	A General Route to Nonspherical Anatase TiO ₂ Hollow Colloids and Magnetic Multifunctional Particles. <i>Advanced Materials</i> , 2008 , 20, 1853-1858	24	300
328	Hierarchical nickel sulfide hollow spheres for high performance supercapacitors. <i>RSC Advances</i> , 2011 , 1, 397	3.7	298
327	Thermal formation of mesoporous single-crystal Co ₃ O ₄ nano-needles and their lithium storage properties. <i>Journal of Materials Chemistry</i> , 2008 , 18, 4397		297
326	Coordination Polymers Derived General Synthesis of Multishelled Mixed Metal-Oxide Particles for Hybrid Supercapacitors. <i>Advanced Materials</i> , 2017 , 29, 1605902	24	296
325	Formation of 1D Hierarchical Structures Composed of Ni ₃ S ₂ Nanosheets on CNTs Backbone for Supercapacitors and Photocatalytic H ₂ Production. <i>Advanced Energy Materials</i> , 2012 , 2, 1497-1502	21.8	295
324	Hollow Structures Based on Prussian Blue and Its Analogs for Electrochemical Energy Storage and Conversion. <i>Advanced Materials</i> , 2019 , 31, e1706825	24	293
323	Two-dimensional nanosheets for photoelectrochemical water splitting: Possibilities and opportunities. <i>Nano Today</i> , 2013 , 8, 598-618	17.9	292
322	Graphene-supported anatase TiO ₂ nanosheets for fast lithium storage. <i>Chemical Communications</i> , 2011 , 47, 5780-2	5.8	289
321	Advanced Electrocatalysts for the Oxygen Reduction Reaction in Energy Conversion Technologies. <i>Joule</i> , 2020 , 4, 45-68	27.8	288

320	Formation of CoS Nanobubble Hollow Prisms for Highly Reversible Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13422-13426	16.4	288
319	Metal-Organic Framework Hybrid-Assisted Formation of Co O /Co-Fe Oxide Double-Shelled Nanoboxes for Enhanced Oxygen Evolution. <i>Advanced Materials</i> , 2018 , 30, e1801211	24	287
318	Hierarchical tubular structures constructed by carbon-coated SnO(2) nanoplates for highly reversible lithium storage. <i>Advanced Materials</i> , 2013 , 25, 2589-93	24	286
317	A dual-metal-organic-framework derived electrocatalyst for oxygen reduction. <i>Energy and Environmental Science</i> , 2016 , 9, 3092-3096	35.4	283
316	Confining SnS2 Ultrathin Nanosheets in Hollow Carbon Nanostructures for Efficient Capacitive Sodium Storage. <i>Joule</i> , 2018 , 2, 725-735	27.8	281
315	Rationally designed hierarchical N-doped carbon@NiCo2O4 double-shelled nanoboxes for enhanced visible light CO2 reduction. <i>Energy and Environmental Science</i> , 2018 , 11, 306-310	35.4	281
314	Recent progress on graphene-based hybrid electrocatalysts. <i>Materials Horizons</i> , 2014 , 1, 379-399	14.4	277
313	Glucose-Assisted One-Pot Synthesis of FeOOH Nanorods and Their Transformation to Fe3O4@Carbon Nanorods for Application in Lithium Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 9814-9820	3.8	276
312	Green Synthesis of NiO Nanobelts with Exceptional Pseudo-Capacitive Properties. <i>Advanced Energy Materials</i> , 2012 , 2, 1188-1192	21.8	274
311	A flexible TiO(B)-based battery electrode with superior power rate and ultralong cycle life. <i>Advanced Materials</i> , 2013 , 25, 3462-7	24	274
310	Unusual Formation of CoSe@carbon Nanoboxes, which have an Inhomogeneous Shell, for Efficient Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9514-8	16.4	270
309	Shell-by-shell synthesis of tin oxide hollow colloids with nanoarchitected walls: cavity size tuning and functionalization. <i>Small</i> , 2007 , 3, 261-5	11	269
308	Confining Sulfur in Double-Shelled Hollow Carbon Spheres for Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2012 , 124, 9730-9733	3.6	261
307	General Formation of MS (M = Ni, Cu, Mn) Box-in-Box Hollow Structures with Enhanced Pseudocapacitive Properties. <i>Advanced Functional Materials</i> , 2014 , 24, 7440-7446	15.6	260
306	Formation of Yolk-Shelled NiTo Mixed Oxide Nanoprisms with Enhanced Electrochemical Performance for Hybrid Supercapacitors and Lithium Ion Batteries. <i>Advanced Energy Materials</i> , 2015 , 5, 1500981	21.8	258
305	Strongly coupled NiCo(2)O(4)-rGO hybrid nanosheets as a methanol-tolerant electrocatalyst for the oxygen reduction reaction. <i>Advanced Materials</i> , 2014 , 26, 2408-12	24	257
304	Rational Design of Three-Layered TiO @Carbon@MoS Hierarchical Nanotubes for Enhanced Lithium Storage. <i>Advanced Materials</i> , 2017 , 29, 1702724	24	257
303	Direct synthesis of anatase TiOhanowires with enhanced photocatalytic activity. <i>Advanced Materials</i> , 2012 , 24, 2567-71	24	256

302	Controlled synthesis of hierarchical NiO nanosheet hollow spheres with enhanced supercapacitive performance. <i>Journal of Materials Chemistry</i> , 2011 , 21, 6602		255
301	A Hierarchically Nanostructured Composite of MnO ₂ /Conjugated Polymer/Graphene for High-Performance Lithium Ion Batteries. <i>Advanced Energy Materials</i> , 2011 , 1, 736-741	21.8	255
300	Synthesis of Highly Uniform Molybdenum-Glycerate Spheres and Their Conversion into Hierarchical MoS ₂ Hollow Nanospheres for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 7423-6	16.4	251
299	Formation of mesoporous heterostructured BiVO ₄ /Bi ₂ SO ₄ hollow discoids with enhanced photoactivity. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 5917-21	16.4	250
298	One-Dimensional Hierarchical Structures Composed of Novel Metal Oxide Nanosheets on a Carbon Nanotube Backbone and Their Lithium-Storage Properties. <i>Advanced Functional Materials</i> , 2011 , 21, 4120-4125	15.6	250
297	Controlled synthesis of hierarchical Co ₃ Mn ₃ O ₄ array micro-/nanostructures with tunable morphology and composition as integrated electrodes for lithium-ion batteries. <i>Energy and Environmental Science</i> , 2013 , 6, 2664-2671	35.4	249
296	Fe ₂ O ₃ nanotubes with superior lithium storage capability. <i>Chemical Communications</i> , 2011 , 47, 8061-3	5.8	246
295	Template-free synthesis of VO ₂ hollow microspheres with various interiors and their conversion into V ₂ O ₅ for lithium-ion batteries. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 2226-30	16.4	244
294	Uniform V ₂ O ₅ nanosheet-assembled hollow microflowers with excellent lithium storage properties. <i>Energy and Environmental Science</i> , 2013 , 6, 1476	35.4	239
293	TiO ₂ nanocages: fast synthesis, interior functionalization and improved lithium storage properties. <i>Advanced Materials</i> , 2012 , 24, 4124-9	24	237
292	Surface Modulation of Hierarchical MoS ₂ Nanosheets by Ni Single Atoms for Enhanced Electrocatalytic Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2018 , 28, 1807086	15.6	237
291	A bi-functional device for self-powered electrochromic window and self-rechargeable transparent battery applications. <i>Nature Communications</i> , 2014 , 5, 4921	17.4	236
290	Arrays of ultrafine CuS nanoneedles supported on a CNT backbone for application in supercapacitors. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7851		235
289	Formation of Uniform N-doped Carbon-Coated SnO ₂ Submicroboxes with Enhanced Lithium Storage Properties. <i>Advanced Energy Materials</i> , 2016 , 6, 1600451	21.8	233
288	Doping high-surface-area mesoporous TiO ₂ microspheres with carbonate for visible light hydrogen production. <i>Energy and Environmental Science</i> , 2014 , 7, 2592	35.4	232
287	Metal-Organic Frameworks Based Electrocatalysts for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4634-4650	16.4	232
286	A magnetically separable photocatalyst based on nest-like Fe ₃ O ₄ /ZnO double-shelled hollow structures with enhanced photocatalytic activity. <i>Nanoscale</i> , 2012 , 4, 183-7	7.7	231
285	Facile preparation of ZnMn ₂ O ₄ hollow microspheres as high-capacity anodes for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2012 , 22, 827-829		226

- 284 Engineering nonspherical hollow structures with complex interiors by template-engaged redox etching. *Journal of the American Chemical Society*, **2010**, 132, 16271-7 16.4 223
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141	One-Pot Synthesis of Pt-Au Alloy Nanowire Assemblies with Tunable Composition and Enhanced Electrocatalytic Properties. <i>Angewandte Chemie</i> , 2015 , 127, 3868-3872	3.6	85

140	Building hematite nanostructures by oriented attachment. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 650-3	16.4	83
139	Ultrasmall MoO Clusters as a Novel Cocatalyst for Photocatalytic Hydrogen Evolution. <i>Advanced Materials</i> , 2019 , 31, e1804883	24	82
138	Porous Spheres Assembled from Polythiophene (PTh)-Coated Ultrathin MnO ₂ Nanosheets with Enhanced Lithium Storage Capabilities. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 12048-12051	3.8	81
137	An Unusual Example of Hyperbranched Metal Nanocrystals and Their Shape Evolution. <i>Chemistry of Materials</i> , 2006 , 18, 3921-3923	9.6	81
136	Co O Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19914-19918	16.4	79
135	Trimetallic Spinel NiCo Fe O Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11841-11846	16.4	78
134	TiO ₂ hollow spheres composed of highly crystalline nanocrystals exhibit superior lithium storage properties. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12590-3	16.4	77
133	Hollow Nanostructures of Molybdenum Sulfides for Electrochemical Energy Storage and Conversion. <i>Small Methods</i> , 2017 , 1, 1600020	12.8	76
132	Self-Supported Interconnected Pt Nanoassemblies as Highly Stable Electrocatalysts for Low-Temperature Fuel Cells. <i>Angewandte Chemie</i> , 2012 , 124, 7325-7328	3.6	74
131	Platinum multicubes prepared by ni(2+) -mediated shape evolution exhibit high electrocatalytic activity for oxygen reduction. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5666-71	16.4	72
130	General Synthesis of Multi-Shelled Mixed Metal Oxide Hollow Spheres with Superior Lithium Storage Properties. <i>Angewandte Chemie</i> , 2014 , 126, 9187-9190	3.6	72
129	A General Method to Grow Porous Fe ₂ O ₃ Nanosheets on Substrates as Integrated Electrodes for Lithium-Ion Batteries. <i>Advanced Materials Interfaces</i> , 2014 , 1, 1400050	4.6	71
128	Implanting Isolated Ru Atoms into Edge-Rich Carbon Matrix for Efficient Electrocatalytic Hydrogen Evolution. <i>Advanced Energy Materials</i> , 2020 , 10, 2000882	21.8	70
127	Formation of large 2D nanosheets via PVP-assisted assembly of anatase TiO ₂ nanomosaics. <i>Chemical Communications</i> , 2011 , 47, 10443-5	5.8	68
126	Synthesis of uniform layered protonated titanate hierarchical spheres and their transformation to anatase TiO ₂ for lithium-ion batteries. <i>Chemistry - A European Journal</i> , 2012 , 18, 2094-9	4.8	66
125	One-step synthesis of SnO ₂ and TiO ₂ hollow nanostructures with various shapes and their enhanced lithium storage properties. <i>Chemistry - A European Journal</i> , 2012 , 18, 7561-7	4.8	66
124	DNA-directed growth of FePO ₄ nanostructures on carbon nanotubes to achieve nearly 100% theoretical capacity for lithium-ion batteries. <i>Energy and Environmental Science</i> , 2012 , 5, 6919	35.4	65
123	Direct probing of atomically dispersed Ru species over multi-edged TiO for highly efficient photocatalytic hydrogen evolution. <i>Science Advances</i> , 2020 , 6,	14.3	62

122	Self-Templated Formation of Uniform NiCo ₂ O ₄ Hollow Spheres with Complex Interior Structures for Lithium-Ion Batteries and Supercapacitors. <i>Angewandte Chemie</i> , 2015 , 127, 1888-1892	3.6	61
121	Growth of SnO ₂ nanosheet arrays on various conductive substrates as integrated electrodes for lithium-ion batteries. <i>Materials Horizons</i> , 2014 , 1, 133-138	14.4	61
120	SBA-15 derived carbon-supported SnO ₂ nanowire arrays with improved lithium storage capabilities. <i>Journal of Materials Chemistry</i> , 2011 , 21, 13860		61
119	Synthesis of micro-sized SnO ₂ @carbon hollow spheres with enhanced lithium storage properties. <i>Nanoscale</i> , 2012 , 4, 3651-4	7.7	60
118	Atomically Dispersed Reactive Centers for Electrocatalytic CO Reduction and Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13177-13196	16.4	60
117	Formation of Pt-TiO ₂ -rGO 3-phase junctions with significantly enhanced electro-activity for methanol oxidation. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 473-6	3.6	59
116	A highly stable lithium metal anode enabled by Ag nanoparticle-embedded nitrogen-doped carbon macroporous fibers. <i>Science Advances</i> , 2021 , 7,	14.3	58
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113	Hierarchical Tubular Structures Composed of Co ₃ O ₄ Hollow Nanoparticles and Carbon Nanotubes for Lithium Storage. <i>Angewandte Chemie</i> , 2016 , 128, 6094-6097	3.6	56
112	Formation of Double-Shelled Zinc-Cobalt Sulfide Dodecahedral Cages from Bimetallic Zeolitic Imidazolate Frameworks for Hybrid Supercapacitors. <i>Angewandte Chemie</i> , 2017 , 129, 7247-7251	3.6	55
111	Synthesis of CuS@CoS ₂ Double-Shelled Nanoboxes with Enhanced Sodium Storage Properties. <i>Angewandte Chemie</i> , 2019 , 131, 7821-7825	3.6	55
110	Asymmetric anatase TiO ₂ nanocrystals with exposed high-index facets and their excellent lithium storage properties. <i>Nanoscale</i> , 2011 , 3, 4082-4	7.7	55
109	Biomass-based materials for green lithium secondary batteries. <i>Energy and Environmental Science</i> , 2021 , 14, 1326-1379	35.4	55
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107	Fabrication of CdS Frame-in-Cage Particles for Efficient Photocatalytic Hydrogen Generation under Visible-Light Irradiation. <i>Advanced Materials</i> , 2020 , 32, e2004561	24	53
106	Exposing unsaturated Cu-O sites in nanoscale Cu-MOF for efficient electrocatalytic hydrogen evolution. <i>Science Advances</i> , 2021 , 7,	14.3	53
105	Titelbild: Hierarchical Hollow Nanoprisms Based on Ultrathin Ni-Fe Layered Double Hydroxide Nanosheets with Enhanced Electrocatalytic Activity towards Oxygen Evolution (Angew. Chem. 1/2018). <i>Angewandte Chemie</i> , 2018 , 130, 1-1	3.6	53

104	Self-assembled monolayers direct a LiF-rich interphase toward long-life lithium metal batteries.. <i>Science</i> , 2022 , 375, 739-745	33.3	52
103	Double-Shelled C@MoS Structures Preloaded with Sulfur: An Additive Reservoir for Stable Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 15839-15843	16.4	51
102	Double-Shelled Nanocages with Cobalt Hydroxide Inner Shell and Layered Double Hydroxides Outer Shell as High-Efficiency Polysulfide Mediator for Lithium-Sulfur Batteries. <i>Angewandte Chemie</i> , 2016 , 128, 4050-4054	3.6	51
101	Unusual rutile TiO ₂ nanosheets with exposed (001) facets. <i>Chemical Science</i> , 2011 , 2, 2219	9.4	50
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97	General Formation of Complex Tubular Nanostructures of Metal Oxides for the Oxygen Reduction Reaction and Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2013 , 125, 8805-8809	3.6	48
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94	Construction of Co-Mn Prussian Blue Analog Hollow Spheres for Efficient Aqueous Zn-ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22189-22194	16.4	48
93	Phosphorized CoNi S Yolk-Shell Spheres for Highly Efficient Hydrogen Production via Water and Urea Electrolysis. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 22885-22891	16.4	47
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91	Fe ₂ O ₃ -mediated growth and carbon nanocoating of ultrafine SnO ₂ nanorods as anode materials for Li-ion batteries. <i>Journal of Materials Chemistry</i> , 2012 , 22, 2526-2531		46
90	Direct Conversion of Rice Husks to Nanostructured SiC/C for CO Photoreduction. <i>Advanced Materials</i> , 2020 , 32, e2001560	24	45
89	Hierarchical Nanotubes Constructed by Carbon-Coated Ultrathin SnS Nanosheets for Fast Capacitive Sodium Storage. <i>Angewandte Chemie</i> , 2017 , 129, 12370-12373	3.6	44
88	Nitrogen-Doped Amorphous Zn-Carbon Multichannel Fibers for Stable Lithium Metal Anodes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 8515-8520	16.4	44
87	Formation of MS-Ag and MS (M = Pb, Cd, Zn) nanotubes via microwave-assisted cation exchange and their enhanced photocatalytic activities. <i>Nanoscale</i> , 2013 , 5, 10864-7	7.7	43

86	The comparative lithium storage properties of urchin-like hematite spheres: hollow vs. solid. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9466		43
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84	TiO ₂ Hollow Spheres Composed of Highly Crystalline Nanocrystals Exhibit Superior Lithium Storage Properties. <i>Angewandte Chemie</i> , 2014 , 126, 12798-12801	3.6	41
83	One-pot synthesis of ultra-light nickel nanofoams composed of nanowires and their transformation into various functional nanofoams. <i>Small</i> , 2012 , 8, 3432-7	11	41
82	Ordered colloidal clusters constructed by nanocrystals with valence for efficient CO photoreduction. <i>Science Advances</i> , 2019 , 5, eaax5095	14.3	41
81	Silica-based complex nanorattles as multifunctional carrier for anticancer drug. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8052		40
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77	Microwave-Assisted Synthesis of Porous Ag ₂ S/Ag Hybrid Nanotubes with High Visible-Light Photocatalytic Activity. <i>Angewandte Chemie</i> , 2012 , 124, 11669-11672	3.6	38
76	Lotus-Root-Like Carbon Fibers Embedded with Ni-Co Nanoparticles for Dendrite-Free Lithium Metal Anodes. <i>Advanced Materials</i> , 2021 , 33, e2100608	24	38
75	Rational Design and Engineering of One-Dimensional Hollow Nanostructures for Efficient Electrochemical Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20102-20118	16.4	38
74	General Synthesis of Multishell Mixed-Metal Oxyphosphide Particles with Enhanced Electrocatalytic Activity in the Oxygen Evolution Reaction. <i>Angewandte Chemie</i> , 2017 , 129, 2426-2429	3.6	36
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71	Hydrothermal synthesis and electrochemical properties of BiMoO ₃ nanobelts used as cathode materials for Li-ion batteries. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 107, 249-254	2.6	35
70	Highly Concave Platinum Nanoframes with High-Index Facets and Enhanced Electrocatalytic Properties. <i>Angewandte Chemie</i> , 2013 , 125, 12563-12566	3.6	35
69	Formation of Triple-Shelled Molybdenum Polydopamine Hollow Spheres and Their Conversion into MoO ₂ /Carbon Composite Hollow Spheres for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2016 , 128, 14888-14892	3.6	33

68	Metallic Porous Iron Nitride and Tantalum Nitride Single Crystals with Enhanced Electrocatalysis Performance. <i>Advanced Materials</i> , 2019 , 31, e1806552	24	33
67	Engineering Platinum-Cobalt Nano-alloys in Porous Nitrogen-Doped Carbon Nanotubes for Highly Efficient Electrocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19068-19073	16.4	33
66	Unusual Formation of CoSe@carbon Nanoboxes, which have an Inhomogeneous Shell, for Efficient Lithium Storage. <i>Angewandte Chemie</i> , 2016 , 128, 9666-9670	3.6	31
65	Complex Cobalt Sulfide Nanobubble Cages with Enhanced Electrochemical Properties. <i>Small Methods</i> , 2017 , 1, 1700158	12.8	30
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62	Formation of Polypyrrole-Coated Sb ₂ Se ₃ Microclips with Enhanced Sodium-Storage Properties. <i>Angewandte Chemie</i> , 2018 , 130, 10007-10011	3.6	28
61	Synthesis of Highly Uniform Molybdenum Glycerate Spheres and Their Conversion into Hierarchical MoS ₂ Hollow Nanospheres for Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2016 , 128, 7549-7552	3.6	28
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59	Construction of CoO/Co-Cu-S Hierarchical Tubular Heterostructures for Hybrid Supercapacitors. <i>Angewandte Chemie</i> , 2019 , 131, 15587-15593	3.6	25
58	Bi ₂ O ₃ Nanosheets Grown on Multi-Channel Carbon Matrix to Catalyze Efficient CO ₂ Electroreduction to HCOOH. <i>Angewandte Chemie</i> , 2019 , 131, 13966-13971	3.6	25
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56	Unusual Formation of Single-Crystal Manganese Sulfide Microboxes Co-mediated by the Cubic Crystal Structure and Shape. <i>Angewandte Chemie</i> , 2012 , 124, 7379-7382	3.6	24
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54	Recent Advances on Transition Metal Dichalcogenides for Electrochemical Energy Conversion. <i>Advanced Materials</i> , 2021 , 33, e2008376	24	24
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52	A Practical High-Energy Cathode for Sodium-Ion Batteries Based on Uniform P ₂ -Na _{0.7} CoO ₂ Microspheres. <i>Angewandte Chemie</i> , 2017 , 129, 5895-5899	3.6	22
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49	Construction of Heterostructured Fe ₂ O ₃ -TiO ₂ Microdumbbells for Photoelectrochemical Water Oxidation. <i>Angewandte Chemie</i> , 2018 , 130, 15296-15300	3.6	21
48	Rationally Designed Three-Layered Cu ₂ S@Carbon@MoS ₂ Hierarchical Nanoboxes for Efficient Sodium Storage. <i>Angewandte Chemie</i> , 2020 , 132, 7245-7250	3.6	20
47	Ordered Macroporous BiVO ₄ Architectures with Controllable Dual Porosity for Efficient Solar Water Splitting. <i>Angewandte Chemie</i> , 2013 , 125, 8741-8745	3.6	19
46	Mesoporous Carbon@Titanium Nitride Hollow Spheres as an Efficient SeS ₂ Host for Advanced LiSeS ₂ Batteries. <i>Angewandte Chemie</i> , 2017 , 129, 16219-16223	3.6	18
45	Platinum Multicubes Prepared by Ni ²⁺ -Mediated Shape Evolution Exhibit High Electrocatalytic Activity for Oxygen Reduction. <i>Angewandte Chemie</i> , 2015 , 127, 5758-5763	3.6	17
44	Operando Monitoring and Deciphering the Structural Evolution in Oxygen Evolution Electrocatalysis. <i>Advanced Energy Materials</i> , 2021 , 11, 2103383	21.8	17
43	In situ activation of Br-confined Ni-based metal-organic framework hollow prisms toward efficient electrochemical oxygen evolution. <i>Science Advances</i> , 2021 , 7, eabk0919	14.3	17
42	Synergetic Cobalt-Copper-Based Bimetal-Organic Framework Nanoboxes toward Efficient Electrochemical Oxygen Evolution. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26397-26402	16.4	17
41	Realization of Walnut-Shaped Particles with Macro-/Mesoporous Open Channels through Pore Architecture Manipulation and Their Use in Electrocatalytic Oxygen Reduction. <i>Angewandte Chemie</i> , 2018 , 130, 6284-6288	3.6	16
40	Design and Synthesis of Hollow Nanostructures for Electrochemical Water Splitting.. <i>Advanced Science</i> , 2022 , e2105135	13.6	15
39	Construction of Ni(CN) ₂ /NiSe Heterostructures by Stepwise Topochemical Pathways for Efficient Electrocatalytic Oxygen Evolution. <i>Advanced Materials</i> , 2021 , e2104405	24	15
38	Formation of Hierarchical FeCoS ₂ @CoS ₂ Double-Shelled Nanotubes with Enhanced Performance for Photocatalytic Reduction of CO ₂ . <i>Angewandte Chemie</i> , 2020 , 132, 12016-12020	3.6	14
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35	Co ₃ O ₄ Hollow Nanoparticles Embedded in Mesoporous Walls of Carbon Nanoboxes for Efficient Lithium Storage. <i>Angewandte Chemie</i> , 2020 , 132, 20086-20090	3.6	13
34	Nitrogen-Doped Carbon Fibers Embedded with Zincophilic Cu Nanoboxes for Stable Zn Metal Anodes.. <i>Advanced Materials</i> , 2022 , e2200342	24	13
33	Formation of Super-Assembled TiO ₂ /Zn/N-Doped Carbon Inverse Opal Towards Dendrite-Free Zn Anodes.. <i>Angewandte Chemie - International Edition</i> , 2021 , e202115649	16.4	13

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31	Dispersed Nickel Cobalt Oxyphosphide Nanoparticles Confined in Multichannel Hollow Carbon Fibers for Photocatalytic CO ₂ Reduction. <i>Angewandte Chemie</i> , 2019 , 131, 17396-17400	3.6	12
30	Loading Single-Ni Atoms on Assembled Hollow N-Rich Carbon Plates for Efficient CO Electroreduction. <i>Advanced Materials</i> , 2021 , e2105204	24	12
29	Confining Sn nanoparticles in interconnected N-doped hollow carbon spheres as hierarchical zincophilic fibers for dendrite-free Zn metal anodes.. <i>Science Advances</i> , 2022 , 8, eabm5766	14.3	12
28	Rutile TiO ₂ Submicroboxes with Superior Lithium Storage Properties. <i>Angewandte Chemie</i> , 2015 , 127, 4073-4076	3.6	11
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26	Atomically Dispersed Reactive Centers for Electrocatalytic CO ₂ Reduction and Water Splitting. <i>Angewandte Chemie</i> , 2021 , 133, 13285-13304	3.6	10
25	Sodium-Ion Batteries: A Ternary Fe ₁ S@Porous Carbon Nanowires/Reduced Graphene Oxide Hybrid Film Electrode with Superior Volumetric and Gravimetric Capacities for Flexible Sodium Ion Batteries (Adv. Energy Mater. 9/2019). <i>Advanced Energy Materials</i> , 2019 , 9, 1970026	21.8	9
24	General Solution Growth of Mesoporous NiCo ₂ O ₄ Nanosheets on Various Conductive Substrates as High-Performance Electrodes for Supercapacitors (Adv. Mater. 7/2013). <i>Advanced Materials</i> , 2013 , 25, 975-975	24	9
23	Synthesis of Nitrogen-Doped KMnO ₄ with Oxygen Vacancy for Stable Zinc-Ion Batteries.. <i>Advanced Science</i> , 2022 , e2106067	13.6	9
22	Nitrogen-Doped Amorphous Zn-Carbon Multichannel Fibers for Stable Lithium Metal Anodes. <i>Angewandte Chemie</i> , 2021 , 133, 8596-8601	3.6	9
21	Double-Shelled C@MoS ₂ Structures Preloaded with Sulfur: An Additive Reservoir for Stable Lithium Metal Anodes. <i>Angewandte Chemie</i> , 2020 , 132, 15973-15977	3.6	8
20	Building Hematite Nanostructures by Oriented Attachment. <i>Angewandte Chemie</i> , 2011 , 123, 676-679	3.6	8
19	Trimetallic Spinel NiCo ₂ FexO ₄ Nanoboxes for Highly Efficient Electrocatalytic Oxygen Evolution. <i>Angewandte Chemie</i> , 2021 , 133, 11947-11952	3.6	7
18	Rationally Designed MnO - ZnMnO Hollow Heterostructures from Metal-Organic Frameworks for Stable Zn-Ion Storage. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25793-25798	16.4	6
17	Rational Design and Engineering of One-Dimensional Hollow Nanostructures for Efficient Electrochemical Energy Storage. <i>Angewandte Chemie</i> , 2021 , 133, 20262-20278	3.6	6
16	Hollow Microspheres: Formation of ZnMn ₂ O ₄ Ball-in-Ball Hollow Microspheres as a High-Performance Anode for Lithium-Ion Batteries (Adv. Mater. 34/2012). <i>Advanced Materials</i> , 2012 , 24, 4590-4590	24	4
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14	Frontispiece: Unusual Formation of CoSe@carbon Nanoboxes, which have an Inhomogeneous Shell, for Efficient Lithium Storage. <i>Angewandte Chemie - International Edition</i> , 2016 , 55,	16.4	3
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