Likun Pan

List of Publications by Year in Descending Order

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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.

383 papers	19,877 citations	79 h-index	118 g-index
407 ext. papers	23,913 ext. citations	7.6 avg, IF	7.33 L-index

#	Paper	IF	Citations
383	Cu-based MOF-derived architecture with Cu/CuO nanospheres anchored on porous carbon nanosheets for efficient capacitive deionization.. *Environmental Research*, **2022**, 112909	7.9	1
382	Prussian blue analogue derived cobalt-nickel phosphide/carbon nanotube composite as electrocatalyst for efficient and stable hydrogen evolution reaction in wide-pH environment.. *Journal of Colloid and Interface Science*, **2022**, 616, 210-220	9.3	6
381	Ultra-durable and highly-efficient hybrid capacitive deionization by MXene confined MoS2 heterostructure. *Desalination*, **2022**, 528, 115616	10.3	2
380	Peroxymonosulfate activation by CoO/SnO for efficient degradation of ofloxacin under visible light.. *Journal of Colloid and Interface Science*, **2022**, 615, 650-662	9.3	4
379	Ferroferric oxide@titanium carbide MXene heterostructure with enhanced sodium storage ability for efficient hybrid capacitive deionization. *Desalination*, **2022**, 522, 115420	10.3	10
378	Flexible organohydrogel ionic skin with Ultra-Low temperature freezing resistance and Ultra-Durable moisture retention. *Journal of Colloid and Interface Science*, **2022**, 608, 396-404	9.3	4
377	Controlled synthesis of NaTi2(PO4)3/Carbon composite derived from Metal-organic-frameworks as highly-efficient electrodes for hybrid capacitive deionization. *Separation and Purification Technology*, **2022**, 278, 119565	8.3	10
376	Gram-Scale production of Cu3P-Cu2O Janus nanoparticles into nitrogen and phosphorous doped porous carbon framework as bifunctional electrocatalysts for overall water splitting. *Chemical Engineering Journal*, **2022**, 427, 130946	14.7	21
375	In situ formation of few-layered MoS2@N-doped carbon network as high performance anode materials for sodium-ion batteries. *Applied Surface Science*, **2022**, 571, 151307	6.7	4
374	Insights into the storage mechanism of 3D nanoflower-like V3S4 anode in sodium-ion batteries. *Chemical Engineering Journal*, **2022**, 427, 130936	14.7	15
373	A novel Sn-based coordination polymer with high-efficiency and ultrafast lithium storage. *Journal of Materials Science and Technology*, **2022**, 97, 156-164	9.1	3
372	Facile self-assembly of carbon-free vanadium sulfide nanosheet for stable and high-rate lithium-ion storage. *Journal of Colloid and Interface Science*, **2022**, 607, 145-152	9.3	1
371	Nanoarchitectonics of MXene/semiconductor heterojunctions toward artificial photosynthesis via photocatalytic CO2 reduction. *Coordination Chemistry Reviews*, **2022**, 459, 214440	23.2	12
370	Facile synthesis of three-dimensional hollow porous carbon doped polymeric carbon nitride with highly efficient photocatalytic performance. *Chemical Engineering Journal*, **2022**, 438, 135623	14.7	10
369	Waste-converted nitrogen and fluorine co-doped porous carbon nanosheets for high performance supercapacitor with ionic liquid electrolyte.. *Journal of Colloid and Interface Science*, **2022**, 616, 413-421	9.3	2
368	Ultra-stable sodium ion storage of biomass porous carbon derived from sugarcane. *Chemical Engineering Journal*, **2022**, 136344	14.7	3
367	Crystal Surface Engineering Induced Active Hexagonal Co P-V O for Highly Stable Lithium-Sulfur Batteries.. *Small*, **2022**, e2200405	11	1

366	Polyaniline coated MOF-derived MnO nanorods for efficient hybrid capacitive deionization.. *Environmental Research*, **2022**, 212, 113331	7.9	1
365	Bismuth oxychloride nanostructure coated carbon sponge as flow-through electrode for highly efficient rocking-chair capacitive deionization. *Journal of Colloid and Interface Science*, **2021**, 608, 2752-2752	9.3	0
364	Chloride pre-intercalated CoFe-layered double hydroxide as chloride ion capturing electrode for capacitive deionization. *Chemical Engineering Journal*, **2021**, 433, 133578	14.7	4
363	Nanoarchitectonics from 2D to 3D: MXenes-derived nitrogen-doped 3D nanofibrous architecture for extraordinarily-fast capacitive deionization. *Chemical Engineering Journal*, **2021**, 133161	14.7	24
362	In situ fabrication of niobium pentoxide/graphitic carbon nitride type-II heterojunctions for enhanced photocatalytic hydrogen evolution reaction. *Journal of Colloid and Interface Science*, **2021** , 608, 1951-1959	9.3	5
361	Ultra-Stable Potassium Ion Storage of Nitrogen-Doped Carbon Nanofiber Derived from Bacterial Cellulose. *Nanomaterials*, **2021**, 11,	5.4	4
360	Improving rechargeability of Prussian blue cathode by graphene as conductive agent for sodium ion batteries. *Surfaces and Interfaces*, **2021**, 23, 100911	4.1	2
359	Construction of two-dimensional bimetal (Fe-Ti) oxide/carbon/MXene architecture from titanium carbide MXene for ultrahigh-rate lithium-ion storage. *Journal of Colloid and Interface Science*, **2021**, 588, 147-156	9.3	9
358	Nitrogen and sulfur co-doped vanadium carbide MXene for highly reversible lithium-ion storage. *Journal of Colloid and Interface Science*, **2021**, 587, 489-498	9.3	28
357	In-situ construction of g-C3N4/Mo2CTx hybrid for superior lithium storage with significantly improved Coulombic efficiency and cycling stability. *Chemical Engineering Journal*, **2021**, 410, 128349	14.7	37
356	A decade of advanced rechargeable batteries development guided by in situ transmission electron microscopy. *Nano Energy*, **2021**, 83, 105780	17.1	9
355	Suppressing the oxygen-related parasitic reactions in NaTi(PO)-based hybrid capacitive deionization with cation exchange membrane. *Journal of Colloid and Interface Science*, **2021**, 591, 139-147	9.3	8
354	Light-conversion phosphor nanoarchitectonics for improved light harvesting in sensitized solar cells. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2021**, 47, 100404	16.4	15
353	Solar-Powered Sustainable Water Production: State-of-the-Art Technologies for Sunlight-Energy-Water Nexus. *ACS Nano*, **2021**,	16.7	48
352	Facile in-situ synthesis of heazlewoodite on nitrogen-doped reduced graphene oxide for enhanced sodium storage. *Journal of Colloid and Interface Science*, **2021**, 594, 35-46	9.3	4
351	Scalable synthesis of strutted nitrogen doped hierarchical porous carbon nanosheets for supercapacitors with both high gravimetric and volumetric performances. *Carbon*, **2021**, 179, 458-468	10.4	45
350	Multi-role TiO2 layer coated carbon@few-layered MoS2 nanotubes for durable lithium storage. *Chemical Engineering Journal*, **2021**, 406, 126873	14.7	44
349	Facile self-templating synthesis of layered carbon with N, S dual doping for highly efficient sodium storage. *Carbon*, **2021**, 173, 31-40	10.4	38

348	Controlled synthesis of bismuth oxychloride-carbon nanofiber hybrid materials as highly efficient electrodes for rocking-chair capacitive deionization. *Chemical Engineering Journal*, **2021**, 403, 126326	14.7	50
347	Insights on the mechanism of Na-ion storage in expanded graphite anode. *Journal of Energy Chemistry*, **2021**, 53, 56-62	12	16
346	Ti3C2 MXenes-derived NaTi2(PO4)3/MXene nanohybrid for fast and efficient hybrid capacitive deionization performance. *Chemical Engineering Journal*, **2021**, 407, 127148	14.7	65
345	Synergistic coupling of NiS1.03 nanoparticle with S-doped reduced graphene oxide for enhanced lithium and sodium storage. *Chemical Engineering Journal*, **2021**, 407, 127199	14.7	46
344	Highly efficient water desalination by capacitive deionization on biomass-derived porous carbon nanoflakes. *Separation and Purification Technology*, **2021**, 256, 117771	8.3	39
343	Hydrated vanadium pentoxide/reduced graphene oxide composite cathode material for high-rate lithium ion batteries. *Journal of Colloid and Interface Science*, **2021**, 585, 347-354	9.3	4
342	TiO2 electron transport bilayer for all-inorganic perovskite photodetectors with remarkably improved UV stability toward imaging applications. *Journal of Materials Science and Technology*, **2021**, 75, 39-47	9.1	10
341	Understanding the improved performance of sulfur-doped interconnected carbon microspheres for Na-ion storage **2021**, 3, 615-626		8
340	A Powder Self-Healable Hydrogel Electrolyte for Flexible Hybrid Supercapacitors with High Energy Density and Sustainability. *Small*, **2021**, 17, e2006807	11	21
339	Low-Crystalline Akhtenskite MnO2-Based Aqueous Magnesium-Ion Hybrid Supercapacitors with a Superior Energy Density Boosted by Redox Bromide-Ion Additive Electrolytes. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 9165-9176	8.3	3
338	Three-dimensional hydrated vanadium pentoxide/MXene composite for high-rate zinc-ion batteries. *Journal of Colloid and Interface Science*, **2021**, 593, 417-423	9.3	15
337	In Situ Monitoring the Potassium-Ion Storage Enhancement in Iron Selenide with Ether-Based Electrolyte. *Nano-Micro Letters*, **2021**, 13, 179	19.5	3
336	A Novel Salen-based Porous Framework Polymer as Durable Anode for Lithium-Ion Storage. *ChemSusChem*, **2021**, 14, 4601-4608	8.3	1
335	Crosslinking Nanoarchitectonics of Nitrogen-doped Carbon/MoS Nanosheets/Ti C T MXene Hybrids for Highly Reversible Sodium Storage. *ChemSusChem*, **2021**, 14, 5293-5303	8.3	1
334	Semi-coherent cation-rich Mn-Cu oxides heterostructures as cathode for novel aqueous potassium dual-ion energy storage devices. *Journal of Colloid and Interface Science*, **2021**, 597, 75-83	9.3	2
333	Recent Advances in Faradic Electrochemical Deionization: System Architectures Electrode Materials. *ACS Nano*, **2021**, 15, 13924-13942	16.7	21
332	Re-oxidation reconstruction process of solid electrolyte interphase layer derived from highly active anion for potassium-ion batteries. *Nano Energy*, **2021**, 87, 106150	17.1	9
331	Bismuth oxychloride anchoring on graphene nanosheets as anode with a high relative energy density for potassium ion battery. *Journal of Colloid and Interface Science*, **2021**, 599, 857-862	9.3	3

330	Enhanced energy storage of aqueous zinc-carbon hybrid supercapacitors via employing alkaline medium and B, N dual doped carbon cathode. *Journal of Colloid and Interface Science*, **2021**, 599, 556-565	9.3	5
329	Metal-organic framework-derived porous SnO2 nanosheets with grain sizes comparable to Debye length for formaldehyde detection with high response and low detection limit. *Sensors and Actuators B: Chemical*, **2021**, 347, 130599	8.5	3
328	In-situ fabrication of few-layered MoS wrapped on TiO-decorated MXene as anode material for durable lithium-ion storage. *Journal of Colloid and Interface Science*, **2021**, 604, 30-38	9.3	9
327	Boosting the lithium storage performance by synergistically coupling ultrafine heazlewoodite nanoparticle with N, S co-doped carbon. *Journal of Colloid and Interface Science*, **2021**, 604, 368-377	9.3	3
326	Carbon-incorporated Fe3O4 nanoflakes: high-performance faradaic materials for hybrid capacitive deionization and supercapacitors. *Materials Chemistry Frontiers*, **2021**, 5, 3480-3488	7.8	44
325	Solid-state NMR study of adsorbed water molecules in covalent organic framework materials. *Microporous and Mesoporous Materials*, **2020**, 305, 110287	5.3	5
324	Damage caused by freeze-thaw treatment with liquid nitrogen on pore and fracture structures in a water-bearing coal mass. *Energy Science and Engineering*, **2020**, 8, 1667-1680	3.4	9
323	Multiple Stimuli Responsive and Identifiable Zwitterionic Ionic Conductive Hydrogel for Bionic Electronic Skin. *Advanced Electronic Materials*, **2020**, 6, 2000239	6.4	51
322	Creation of oxygen vacancies to activate lanthanum-doped bismuth titanate nanosheets for efficient synchronous photocatalytic removal of Cr(VI) and methyl orange. *Journal of Molecular Liquids*, **2020**, 314, 113613	6	9
321	Mask-Free Preparation of Patterned Carbonized Carboxymethyl Cellulose on Fabrics for Flexible Electronics. *ACS Applied Electronic Materials*, **2020**, 2, 855-862	4	17
320	A novel redox bromide-ion additive hydrogel electrolyte for flexible Zn-ion hybrid supercapacitors with boosted energy density and controllable zinc deposition. *Journal of Materials Chemistry A*, **2020**, 8, 15042-15050	13	35
319	Novel membrane-free hybrid capacitive deionization with a radical polymer anode for stable desalination. *Desalination*, **2020**, 481, 114379	10.3	20
318	Mini-Review on the Redox Additives in Aqueous Electrolyte for High Performance Supercapacitors. *ACS Omega*, **2020**, 5, 3801-3808	3.9	71
317	Ultrahigh capacitive deionization performance by 3D interconnected MOF-derived nitrogen-doped carbon tubes. *Chemical Engineering Journal*, **2020**, 390, 124493	14.7	127
316	Metal-organic frameworks derived carbon-incorporated cobalt/dicobalt phosphide microspheres as Mott-Schottky electrocatalyst for efficient and stable hydrogen evolution reaction in wide-pH environment. *Journal of Colloid and Interface Science*, **2020**, 565, 513-522	9.3	9
315	Rocking-chair capacitive deionization with flow-through electrodes. *Journal of Materials Chemistry A*, **2020**, 8, 8476-8484	13	27
314	Recent Advances in the Deposition Technique of Quantum Dots on Photoanodes for Quantum Dot-Sensitized Solar Cells **2020**, 243-278		
313	First Decade of Halide Perovskite Photovoltaics Research and Perspective **2020**, 279-292		

312	Recent progress of electrode materials cooperated with potassium bis(fluorosulfonyl)imide□ontaining electrolyte for K-ion batteries. *Materials Today Advances*, **2020**, 6, 100035	7.4	9
311	Unprecedented capacitive deionization performance of interconnected iron□itrogen-doped carbon tubes in oxygenated saline water. *Materials Horizons*, **2020**, 7, 1404-1412	14.4	114
310	3D TiO2@nitrogen-doped carbon/Fe7S8 composite derived from polypyrrole-encapsulated alkalized MXene as anode material for high-performance lithium-ion batteries. *Chemical Engineering Journal*, **2020**, 385, 123394	14.7	76
309	Recent progress on metal□rganic framework-derived materials for sodium-ion battery anodes. *Inorganic Chemistry Frontiers*, **2020**, 7, 567-582	6.8	33
308	MoC nanoparticle-embedded carbon nanofiber aerogels as flow-through electrodes for highly efficient pseudocapacitive deionization. *Journal of Materials Chemistry A*, **2020**, 8, 1443-1450	13	25
307	K-Ion Storage Enhancement in Sb2O3/Reduced Graphene Oxide Using Ether-Based Electrolyte. *Advanced Energy Materials*, **2020**, 10, 1903455	21.8	59
306	A flexible, high-voltage and safe zwitterionic natural polymer hydrogel electrolyte for high-energy-density zinc-ion hybrid supercapacitor. *Chemical Engineering Journal*, **2020**, 392, 123733	14.7	96
305	Carbon wrapped CoP hollow spheres for high performance hybrid supercapacitor. *Journal of Alloys and Compounds*, **2020**, 822, 153578	5.7	26
304	Nitrogen-doped nanostructured carbons: A new material horizon for water desalination by capacitive deionization. *EnergyChem*, **2020**, 2, 100043	36.9	37
303	A direction-aware and ultrafast self-healing dual network hydrogel for a flexible electronic skin strain sensor. *Journal of Materials Chemistry A*, **2020**, 8, 26109-26118	13	48
302	Stepwise Intercalation-Conversion-Intercalation Sodiation Mechanism in CuInS2 Prompting Sodium Storage Performance. *ACS Energy Letters*, **2020**, 5, 3725-3732	20.1	15
301	High-Performance Capacitive Deionization by Lignocellulose-Derived Eco-Friendly Porous Carbon Materials. *Bulletin of the Chemical Society of Japan*, **2020**, 93, 1014-1019	5.1	13
300	A longitudinally expanded Ni-based metal-organic framework with enhanced double nickel cation catalysis reaction channels for a non-enzymatic sweat glucose biosensor. *Journal of Materials Chemistry B*, **2020**,	7.3	13
299	Maskless Formation of Conductive Carbon Layer on Leather for Highly Sensitive Flexible Strain Sensors. *Advanced Electronic Materials*, **2020**, 6, 2000549	6.4	7
298	MXene-decorated SnS2/Sn3S4 hybrid as anode material for high-rate lithium-ion batteries. *Chemical Engineering Journal*, **2020**, 380, 122590	14.7	97
297	Super-stretchable, elastic and recoverable ionic conductive hydrogel for wireless wearable, stretchable sensor. *Journal of Materials Chemistry A*, **2020**, 8, 10291-10300	13	59
296	A Robust Solid Electrolyte Interphase Layer Augments the Ion Storage Capacity of Bimetallic-Sulfide-Containing Potassium-Ion Batteries. *Angewandte Chemie - International Edition*, **2019**, 58, 14740-14747	16.4	83
295	Highly efficient and stable desalination via novel hybrid capacitive deionization with redox-active polyimide cathode. *Desalination*, **2019**, 469, 114098	10.3	32

294	An ultra-high energy density flexible asymmetric supercapacitor based on hierarchical fabric decorated with 2D bimetallic oxide nanosheets and MOF-derived porous carbon polyhedra. *Journal of Materials Chemistry A*, **2019**, 7, 946-957	13	148
293	Metal chelate induced in situ wrapping of Ni3S2 nanoparticles into N, S-codoped carbon networks for highly efficient sodium storage. *Inorganic Chemistry Frontiers*, **2019**, 6, 694-704	6.8	26
292	Highly Stretchable and Self-Healable MXene/Polyvinyl Alcohol Hydrogel Electrode for Wearable Capacitive Electronic Skin. *Advanced Electronic Materials*, **2019**, 5, 1900285	6.4	156
291	Construction of highly dispersed mesoporous bimetallic-sulfide nanoparticles locked in N-doped graphitic carbon nanosheets for high energy density hybrid flexible pseudocapacitors. *Journal of Materials Chemistry A*, **2019**, 7, 17435-17445	13	50
290	Biomass-Based N, P, and S Self-Doped Porous Carbon for High-Performance Supercapacitors. *ACS Sustainable Chemistry and Engineering*, **2019**,	8.3	9
289	Nanoarchitectured metal□rganic framework/polypyrrole hybrids for brackish water desalination using capacitive deionization. *Materials Horizons*, **2019**, 6, 1433-1437	14.4	154
288	In situ growth of sandwich-like NiMoO4 nanowires/reduced graphene oxide hybrid for high-performance lithium storage. *Ionics*, **2019**, 25, 4577-4588	2.7	4
287	A N, S dual doping strategy via electrospinning to prepare hierarchically porous carbon polyhedra embedded carbon nanofibers for flexible supercapacitors. *Journal of Materials Chemistry A*, **2019**, 7, 9040-9050	13	88
286	Waste fruit grain orange□derived 3D hierarchically porous carbon for high-performance all-solid-state supercapacitor. *Ionics*, **2019**, 25, 3935-3944	2.7	12
285	Carboxymethyl Cellulose Binder Greatly Stabilizes Porous Hollow Carbon Submicrospheres in Capacitive K-Ion Storage. *ACS Applied Materials & Interfaces*, **2019**, 11, 15581-15590	9.5	44
284	Metal□rganic-frameworks-derived NaTi2(PO4)3/carbon composites for efficient hybrid capacitive deionization. *Journal of Materials Chemistry A*, **2019**, 7, 12126-12133	13	72
283	Sb2O5/Co-containing carbon polyhedra as anode material for high-performance lithium-ion batteries. *Chemical Engineering Journal*, **2019**, 370, 800-809	14.7	57
282	Covalent organic frameworks converted N, B co-doped carbon spheres with excellent lithium ion storage performance at high current density. *Journal of Colloid and Interface Science*, **2019**, 542, 213-221	9.3	35
281	In-situ growth of hollow NiCo layered double hydroxide on carbon substrate for flexible supercapacitor. *Electrochimica Acta*, **2019**, 321, 134710	6.7	57
280	High-Performance Na-Ion Storage of S-Doped Porous Carbon Derived from Conjugated Microporous Polymers. *Nano-Micro Letters*, **2019**, 11, 60	19.5	30
279	Formation of needle-like porous CoNiS-MnOOH for high performance hybrid supercapacitors with high energy density. *Journal of Colloid and Interface Science*, **2019**, 554, 125-132	9.3	27
278	Significantly improved stability of hybrid capacitive deionization using nickel hexacyanoferrate/reduced graphene oxide cathode at low voltage operation. *Desalination*, **2019**, 468, 114078	10.3	62
277	High-concentration ether-based electrolyte boosts the electrochemical performance of SnS2□educed graphene oxide for K-ion batteries. *Journal of Materials Chemistry A*, **2019**, 7, 19332-19341	13	38

276	In-situ encapsulation of Ni3S2 nanoparticles into N-doped interconnected carbon networks for efficient lithium storage. *Chemical Engineering Journal*, **2019**, 378, 122108	14.7	73
275	N, S co-doped porous carbon microtubes with high charge/discharge rates for sodium-ion batteries. *Inorganic Chemistry Frontiers*, **2019**, 6, 2104-2111	6.8	27
274	A Robust Solid Electrolyte Interphase Layer Augments the Ion Storage Capacity of Bimetallic-Sulfide-Containing Potassium-Ion Batteries. *Angewandte Chemie*, **2019**, 131, 14882-14889	3.6	10
273	Enhanced cycling stability of capacitive deionization via effectively inhibiting H2O2 formation: The role of nitrogen dopants. *Journal of Electroanalytical Chemistry*, **2019**, 855, 113488	4.1	8
272	Porous carbon electrodes from activated wasted coffee grounds for capacitive deionization. *Ionics*, **2019**, 25, 3443-3452	2.7	10
271	Extraordinary capacitive deionization performance of highly-ordered mesoporous carbon nano-polyhedra for brackish water desalination. *Environmental Science: Nano*, **2019**, 6, 981-989	7.1	119
270	Novel hybrid capacitive deionization constructed by a redox-active covalent organic framework and its derived porous carbon for highly efficient desalination. *Journal of Materials Chemistry A*, **2019**, 7, 25305-25313	13	24
269	Novel zinc–iodine hybrid supercapacitors with a redox iodide ion electrolyte and B, N dual-doped carbon electrode exhibit boosted energy density. *Journal of Materials Chemistry A*, **2019**, 7, 24400-24407	13	38
268	Shuttle-like carbon-coated FeP derived from metal-organic frameworks for lithium-ion batteries with superior rate capability and long-life cycling performance. *Carbon*, **2019**, 143, 116-124	10.4	71
267	Micro-/mesoporous carbon nanofibers embedded with ordered carbon for flexible supercapacitors. *Electrochimica Acta*, **2018**, 271, 591-598	6.7	50
266	Phosphorus-doped 3D carbon nanofiber aerogels derived from bacterial-cellulose for highly-efficient capacitive deionization. *Carbon*, **2018**, 130, 377-383	10.4	145
265	Synergistic conversion and removal of total Cr from aqueous solution by photocatalysis and capacitive deionization. *Chemical Engineering Journal*, **2018**, 337, 398-404	14.7	61
264	Efficient charge separation between UiO-66 and ZnIn2S4 flowerlike 3D microspheres for photoelectronchemical properties. *Applied Catalysis B: Environmental*, **2018**, 226, 234-241	21.8	143
263	NiS sheets modified CdS/reduced graphene oxide composite for efficient visible light photocatalytic hydrogen evolution. *Catalysis Today*, **2018**, 315, 110-116	5.3	35
262	Highly sensitive strain sensors based on fragmentized carbon nanotube/polydimethylsiloxane composites. *Nanotechnology*, **2018**, 29, 235501	3.4	45
261	Design of pomegranate-like clusters with NiS2 nanoparticles anchored on nitrogen-doped porous carbon for improved sodium ion storage performance. *Journal of Materials Chemistry A*, **2018**, 6, 6595-6605	13	110
260	Rational design of MoS2-reduced graphene oxide sponges as free-standing anodes for sodium-ion batteries. *Chemical Engineering Journal*, **2018**, 332, 260-266	14.7	111
259	Synthesis of bimetallic NixCo1-xP hollow nanocages from metal-organic frameworks for high performance hybrid supercapacitors. *Electrochimica Acta*, **2018**, 285, 192-201	6.7	38

258	Metal-organic frameworks converted flower-like hybrid with Co3O4 nanoparticles decorated on nitrogen-doped carbon sheets for boosted lithium storage performance. *Chemical Engineering Journal*, **2018**, 354, 172-181	14.7	55
257	Cr(VI) reduction in presence of ZnS/RGO photocatalyst under full solar spectrum radiation from UV/vis to near-infrared light. *Catalysis Today*, **2018**, 315, 46-51	5.3	18
256	Rational design of metal organic framework-derived FeS hollow nanocages@reduced graphene oxide for K-ion storage. *Nanoscale*, **2018**, 10, 17092-17098	7.7	97
255	Enhanced desalination performance of anion-exchange membrane capacitive deionization via effectively utilizing cathode oxidation. *Desalination*, **2018**, 443, 221-227	10.3	31
254	Improved sodium-ion storage performance of Ti3C2Tx MXenes by sulfur doping. *Journal of Materials Chemistry A*, **2018**, 6, 1234-1243	13	104
253	NiO/CNTs derived from metal-organic frameworks as superior anode material for lithium-ion batteries. *Journal of Solid State Electrochemistry*, **2018**, 22, 785-795	2.6	26
252	Metal-organic frameworks derived yolk-shell ZnO/NiO microspheres as high-performance anode materials for lithium-ion batteries. *Chemical Engineering Journal*, **2018**, 335, 579-589	14.7	131
251	Self-assembled 3D flower-like Fe3O4/C architecture with superior lithium ion storage performance. *Journal of Materials Chemistry A*, **2018**, 6, 24940-24948	13	62
250	Facile dual doping strategy via carbonization of covalent organic frameworks to prepare hierarchically porous carbon spheres for membrane capacitive deionization. *Chemical Communications*, **2018**, 54, 14009-14012	5.8	51
249	TiO2 nanocrystals embedded in sulfur-doped porous carbon as high-performance and long-lasting anode materials for sodium-ion batteries. *Journal of Materials Chemistry A*, **2018**, 6, 24224-24231	13	17
248	Selection of Carbon Electrode Materials. *Interface Science and Technology*, **2018**, 65-83	2.3	6
247	Sulphur-doped reduced graphene oxide sponges as high-performance free-standing anodes for K-ion storage. *Nano Energy*, **2018**, 53, 415-424	17.1	129
246	SnO2 as co-catalyst for enhanced visible light photocatalytic activity of Bi2MoO6. *Applied Surface Science*, **2018**, 453, 280-287	6.7	41
245	Down-conversion phosphors as noble-metal-free co-catalyst in ZnO for efficient visible light photocatalysis. *Applied Surface Science*, **2017**, 391, 468-475	6.7	13
244	Nitrogen-doped carbon spheres: A new high-energy-density and long-life pseudo-capacitive electrode material for electrochemical flow capacitor. *Journal of Colloid and Interface Science*, **2017**, 491, 161-166	9.3	16
243	In situ growth of Sb2S3 on multiwalled carbon nanotubes as high-performance anode materials for sodium-ion batteries. *Electrochimica Acta*, **2017**, 228, 436-446	6.7	83
242	Covalent-organic-frameworks derived N-doped porous carbon materials as anode for superior long-life cycling lithium and sodium ion batteries. *Carbon*, **2017**, 116, 686-694	10.4	195
241	Response to Comment on "Ultrahigh Desalinization Performance of Asymmetric Flow-Electrode Capacitive Deionization Device with an Improved Operation Voltage of 1.8 V" *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 2037-2038	8.3	

240	In situ synthesis of porous Co3O4 polyhedra/carbon nanotubes heterostructures for highly efficient supercapacitors. *Ionics*, **2017**, 23, 2175-2183	2.7	15
239	MnO@C nanorods derived from metal-organic frameworks as anode for superiorly stable and long-life sodium-ion batteries. *Journal of Alloys and Compounds*, **2017**, 710, 575-580	5.7	34
238	Wire-like NiCo2O4 anchored on reduced graphene oxide with enhanced electrochemical performance for sodium-ion batteries. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 10411-10419	2.1	6
237	An advanced CoSe embedded within porous carbon polyhedra hybrid for high performance lithium-ion and sodium-ion batteries. *Chemical Engineering Journal*, **2017**, 325, 14-24	14.7	174
236	Sulfur-doped carbon spheres with hierarchical micro/mesopores as anode materials for sodium-ion batteries. *Electrochimica Acta*, **2017**, 241, 63-72	6.7	66
235	Enhanced Efficiency and stability of Perovskite Solar Cells using Porous Hierarchical TiO2 Nanostructures of Scattered Distribution as Scaffold. *Electrochimica Acta*, **2017**, 236, 351-358	6.7	32
234	Porous CoFeO nanocubes derived from metal-organic frameworks as high-performance anode for sodium ion batteries. *Journal of Colloid and Interface Science*, **2017**, 499, 145-150	9.3	29
233	Porous CuO/reduced graphene oxide composites synthesized from metal-organic frameworks as anodes for high-performance sodium-ion batteries. *Journal of Colloid and Interface Science*, **2017**, 497, 350-358	9.3	50
232	Efficient and Air-Stable Planar Perovskite Solar Cells Formed on Graphene-Oxide-Modified PEDOT:PSS Hole Transport Layer. *Nano-Micro Letters*, **2017**, 9, 39	19.5	97
231	Significantly Improved Sodium-Ion Storage Performance of CuS Nanosheets Anchored into Reduced Graphene Oxide with Ether-Based Electrolyte. *ACS Applied Materials & Interfaces*, **2017**, 9, 2309-2316	9.5	113
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229	MoO 3 /reduced graphene oxide composites as anode material for sodium ion batteries. *Ceramics International*, **2017**, 43, 3769-3773	5.1	34
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