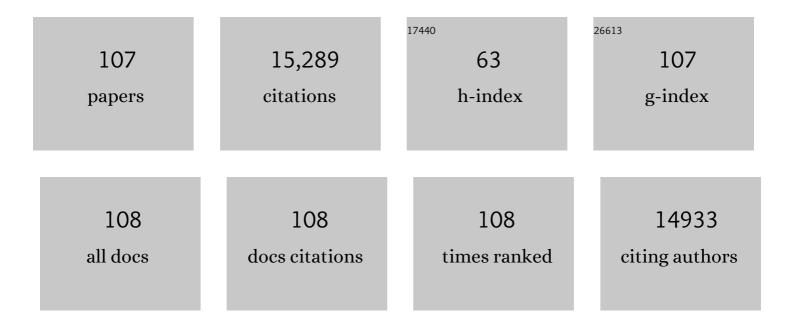
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List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	3D Printing of Nextâ€generation Electrochemical Energy Storage Devices: from Multiscale to Multimaterial. Energy and Environmental Materials, 2022, 5, 427-438.	12.8	25
2	Vanadium metalâ€organic frameworkâ€derived multifunctional fibers for asymmetric supercapacitor, piezoresistive sensor, and electrochemical water splitting. SmartMat, 2022, 3, 608-618.	10.7	29
3	Manipulating room-temperature phosphorescence <i>via</i> lone-pair electrons and empty-orbital arrangements and hydrogen bond adjustment. Journal of Materials Chemistry C, 2022, 10, 8854-8859.	5.5	5
4	Additive manufacturing solidification methodologies for ink formulation. Additive Manufacturing, 2022, 56, 102939.	3.0	13
5	Electrospun Nanofibers for New Generation Flexible Energy Storage. Energy and Environmental Materials, 2021, 4, 502-521.	12.8	57
6	Rational design of iron single atom anchored on nitrogen doped carbon as a high-performance electrocatalyst for all-solid-state flexible zinc-air batteries. Chemical Engineering Journal, 2021, 405, 125956.	12.7	33
7	3D printing-assisted gyroidal graphite foam for advanced supercapacitors. Chemical Engineering Journal, 2021, 416, 127885.	12.7	32
8	Amorphous FeOOH Decorated CoSe ₂ Nanorod Heterostructured Arrays for Efficient Water Oxidation. Advanced Materials Interfaces, 2021, 8, .	3.7	20
9	3D-Printed highly stretchable conducting polymer electrodes for flexible supercapacitors. Journal of Materials Chemistry A, 2021, 9, 19649-19658.	10.3	84
10	Fabrication of 3D-Printed Ceramic Structures for Portable Solar Desalination Devices. ACS Applied Materials & Interfaces, 2021, 13, 23220-23229.	8.0	42
11	Regulating Dendriteâ€Free Zinc Deposition by 3D Zincopilic Nitrogenâ€Doped Vertical Graphene for Highâ€Performance Flexible Znâ€Ion Batteries. Advanced Functional Materials, 2021, 31, 2103922.	14.9	194
12	Bamboo-derived porous carbons for Zn-ion hybrid supercapacitors. Materials Research Bulletin, 2021, 139, 111281.	5.2	62
13	Strain rate shift for constitutive behaviour of sintered silver nanoparticles under nanoindentation. Mechanics of Materials, 2021, 158, 103881.	3.2	67
14	In-situ formation of isolated iron sites coordinated on nitrogen-doped carbon coated carbon cloth as self-supporting electrode for flexible aluminum-air battery. Chemical Engineering Journal, 2021, 421, 129973.	12.7	21
15	Ultrafast-charging quasi-solid-state fiber-shaped zinc-ion hybrid supercapacitors with superior flexibility. Journal of Materials Chemistry A, 2021, 9, 17292-17299.	10.3	31
16	MOF-Derived Bifunctional Co _{0.85} Se Nanoparticles Embedded in N-Doped Carbon Nanosheet Arrays as Efficient Sulfur Hosts for Lithium–Sulfur Batteries. Nano Letters, 2021, 21, 8579-8586.	9.1	143
17	Energy-level engineered hollow N-doped NiS1.03 for Zn–Air batteries. Energy Storage Materials, 2020, 25, 202-209.	18.0	62
18	Three Dimensionally Free-Formable Graphene Foam with Designed Structures for Energy and Environmental Applications. ACS Nano, 2020, 14, 937-947.	14.6	101

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19	Carbon Nanoarrays Embedded with Metal Compounds for Highâ€Performance Flexible Supercapacitors. Batteries and Supercaps, 2020, 3, 93-100.	4.7	25
20	Recent developments of advanced micro-supercapacitors: design, fabrication and applications. Npj Flexible Electronics, 2020, 4, .	10.7	147
21	Iron Oxide Nanoneedles Anchored on N-Doped Carbon Nanoarrays as an Electrode for High-Performance Hybrid Supercapacitor. ACS Applied Energy Materials, 2020, 3, 12162-12171.	5.1	28
22	Single-Atom Tungsten-Doped CoP Nanoarrays as a High-Efficiency pH-Universal Catalyst for Hydrogen Evolution Reaction. ACS Sustainable Chemistry and Engineering, 2020, 8, 14825-14832.	6.7	73
23	Synthesis of amorphous hydroxyl-rich Co3O4 for flexible high-rate supercapacitor. Chemical Engineering Journal, 2020, 396, 125364.	12.7	124
24	N-doped porous carbon nanoplates embedded with CoS2 vertically anchored on carbon cloths for flexible and ultrahigh microwave absorption. Carbon, 2020, 163, 348-359.	10.3	173
25	Recent progress on hollow array architectures and their applications in electrochemical energy storage. Nanoscale Horizons, 2020, 5, 1188-1199.	8.0	48
26	Recent advances in architecture design of nanoarrays for flexible solid-state aqueous batteries. Nano Futures, 2020, 4, 032002.	2.2	15
27	Recent Advances on Selfâ€6upported Arrayed Bifunctional Oxygen Electrocatalysts for Flexible Solidâ€6tate Zn–Air Batteries. Small, 2020, 16, e2002902.	10.0	95
28	Rational Construction of a WS ₂ /CoS ₂ Heterostructure Electrocatalyst for Efficient Hydrogen Evolution at All pH Values. ACS Sustainable Chemistry and Engineering, 2020, 8, 4474-4480.	6.7	63
29	Structure-Enhanced Mechanically Robust Graphite Foam with Ultrahigh MnO ₂ Loading for Supercapacitors. Research, 2020, 2020, 7304767.	5.7	24
30	(Ni,Co)Se ₂ /NiCo‣DH Core/Shell Structural Electrode with the Cactus‣ike (Ni,Co)Se ₂ Core for Asymmetric Supercapacitors. Small, 2019, 15, e1803895.	10.0	203
31	Decorating Co/CoNx nanoparticles in nitrogen-doped carbon nanoarrays for flexible and rechargeable zinc-air batteries. Energy Storage Materials, 2019, 16, 243-250.	18.0	244
32	Mesoporous aluminium manganese cobalt oxide with pentahedron structures for energy storage devices. Journal of Materials Chemistry A, 2019, 7, 18417-18427.	10.3	49
33	Enlarged Interlayer Spacing in Cobalt–Manganese Layered Double Hydroxide Guiding Transformation to Layered Structure for High Supercapacitance. ACS Applied Materials & Interfaces, 2019, 11, 23236-23243.	8.0	85
34	All-solid-state sponge-like squeezable zinc-air battery. Energy Storage Materials, 2019, 23, 375-382.	18.0	47
35	Conformal dispersed cobalt nanoparticles in hollow carbon nanotube arrays for flexible Zn-air and Al-air batteries. Chemical Engineering Journal, 2019, 369, 988-995.	12.7	121
36	Hybrid CoO Nanowires Coated with Uniform Polypyrrole Nanolayers for High-Performance Energy Storage Devices. Nanomaterials, 2019, 9, 586.	4.1	12

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37	Bifunctional oxygen evolution and supercapacitor electrode with integrated architecture of NiFe-layered double hydroxides and hierarchical carbon framework. Nanotechnology, 2019, 30, 325402.	2.6	14
38	Hierarchical Microâ€Nano Sheet Arrays of Nickel–Cobalt Double Hydroxides for Highâ€Rate Ni–Zn Batteries. Advanced Science, 2019, 6, 1802002.	11.2	202
39	Phospho-oxynitride Layer Protected Cobalt Phosphonitride Nanowire Arrays for High-Rate and Stable Supercapacitors. ACS Applied Energy Materials, 2019, 2, 616-626.	5.1	16
40	Heterojunction engineering of MoSe2/MoS2 with electronic modulation towards synergetic hydrogen evolution reaction and supercapacitance performance. Chemical Engineering Journal, 2019, 359, 1419-1426.	12.7	160
41	3Dâ€Printed MOFâ€Derived Hierarchically Porous Frameworks for Practical Highâ€Energy Density Li–O ₂ Batteries. Advanced Functional Materials, 2019, 29, 1806658.	14.9	197
42	PtCo bimetallic nanoparticles encapsulated in N-doped carbon nanorod arrays for efficient electrocatalysis. Carbon, 2019, 142, 206-216.	10.3	56
43	Metal–organic framework-derived integrated nanoarrays for overall water splitting. Journal of Materials Chemistry A, 2018, 6, 9009-9018.	10.3	74
44	Rational Construction of Hollow Coreâ€Branch CoSe ₂ Nanoarrays for Highâ€Performance Asymmetric Supercapacitor and Efficient Oxygen Evolution. Small, 2018, 14, 1700979.	10.0	172
45	Hollow Mo-doped CoP nanoarrays for efficient overall water splitting. Nano Energy, 2018, 48, 73-80.	16.0	608
46	MOF-derived nanohybrids for electrocatalysis and energy storage: current status and perspectives. Chemical Communications, 2018, 54, 5268-5288.	4.1	237
47	Cactusâ€Like NiCoP/NiCoâ€OH 3D Architecture with Tunable Composition for Highâ€Performance Electrochemical Capacitors. Advanced Functional Materials, 2018, 28, 1800036.	14.9	274
48	Ultrafine Molybdenum Carbide Nanocrystals Confined in Carbon Foams via a Colloid onfinement Route for Efficient Hydrogen Production. Small Methods, 2018, 2, 1700396.	8.6	83
49	2D Metal–Organic Frameworks Derived Nanocarbon Arrays for Substrate Enhancement in Flexible Supercapacitors. Small, 2018, 14, e1702641.	10.0	80
50	SnS2 nanosheets arrays sandwiched by N-doped carbon and TiO2 for high-performance Na-ion storage. Green Energy and Environment, 2018, 3, 42-49.	8.7	22
51	Polypyrrole nanowires coated with a hollow shell for enhanced electrochemical performance. Materials Research Bulletin, 2018, 100, 116-119.	5.2	14
52	Facile Activation of Commercial Carbon Felt as a Low-Cost Free-Standing Electrode for Flexible Supercapacitors. ACS Applied Materials & Interfaces, 2018, 10, 42503-42512.	8.0	62
53	Co/Zn bimetallic oxides derived from metal organic frameworks for high performance electrochemical energy storage. Electrochimica Acta, 2018, 291, 177-187.	5.2	60
54	Open hollow Co–Pt clusters embedded in carbon nanoflake arrays for highly efficient alkaline water splitting. Journal of Materials Chemistry A, 2018, 6, 20214-20223.	10.3	42

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55	The Atomic Circus: Small Electron Beams Spotlight Advanced Materials Down to the Atomic Scale. Advanced Materials, 2018, 30, e1802402.	21.0	27
56	Ni-Doped Cobalt–Cobalt Nitride Heterostructure Arrays for High-Power Supercapacitors. ACS Energy Letters, 2018, 3, 2462-2469.	17.4	182
57	Energy-Saving Synthesis of MOF-Derived Hierarchical and Hollow Co(VO ₃) ₂ -Co(OH) ₂ Composite Leaf Arrays for Supercapacitor Electrode Materials. ACS Applied Materials & Interfaces, 2018, 10, 18440-18444.	8.0	107
58	MOFâ€Derived Vertically Aligned Mesoporous Co ₃ O ₄ Nanowires for Ultrahigh Capacity Lithiumâ€Ion Batteries Anodes. Advanced Materials Interfaces, 2018, 5, 1800222.	3.7	58
59	Single Co Atoms Anchored in Porous N-Doped Carbon for Efficient Zincâ^'Air Battery Cathodes. ACS Catalysis, 2018, 8, 8961-8969.	11.2	364
60	Integrated Hierarchical Carbon Flake Arrays with Hollow Pâ€Doped CoSe ₂ Nanoclusters as an Advanced Bifunctional Catalyst for Zn–Air Batteries. Advanced Functional Materials, 2018, 28, 1804846.	14.9	192
61	Cobalt oxide and N-doped carbon nanosheets derived from a single two-dimensional metal–organic framework precursor and their application in flexible asymmetric supercapacitors. Nanoscale Horizons, 2017, 2, 99-105.	8.0	227
62	Rational Design of Metalâ€Organic Framework Derived Hollow NiCo ₂ O ₄ Arrays for Flexible Supercapacitor and Electrocatalysis. Advanced Energy Materials, 2017, 7, 1602391.	19.5	874
63	Controllable MnCo ₂ S ₄ nanostructures for high performance hybrid supercapacitors. Journal of Materials Chemistry A, 2017, 5, 7494-7506.	10.3	198
64	Rational Design of Self-Supported Ni ₃ S ₂ Nanosheets Array for Advanced Asymmetric Supercapacitor with a Superior Energy Density. ACS Applied Materials & Interfaces, 2017, 9, 496-504.	8.0	216
65	Space-confinement and chemisorption co-involved in encapsulation of sulfur for lithium–sulfur batteries with exceptional cycling stability. Journal of Materials Chemistry A, 2017, 5, 24602-24611.	10.3	24
66	Pt decorated 3D vertical graphene nanosheet arrays for efficient methanol oxidation and hydrogen evolution reactions. Journal of Materials Chemistry A, 2017, 5, 22004-22011.	10.3	49
67	Hollow Co ₃ O ₄ Nanosphere Embedded in Carbon Arrays for Stable and Flexible Solid‣tate Zinc–Air Batteries. Advanced Materials, 2017, 29, 1704117.	21.0	407
68	Metal Phosphides and Phosphatesâ€based Electrodes for Electrochemical Supercapacitors. Small, 2017, 13, 1701530.	10.0	318
69	Nanoflakes of Ni–Co LDH and Bi ₂ O ₃ Assembled in 3D Carbon Fiber Network for High-Performance Aqueous Rechargeable Ni/Bi Battery. ACS Applied Materials & Interfaces, 2017, 9, 26008-26015.	8.0	71
70	Ultrathin MoS ₂ Nanosheets@Metal Organic Frameworkâ€Đerived Nâ€Đoped Carbon Nanowall Arrays as Sodium Ion Battery Anode with Superior Cycling Life and Rate Capability. Advanced Functional Materials, 2017, 27, 1702116.	14.9	447
71	Metal–organic framework derived hollow CoS ₂ nanotube arrays: an efficient bifunctional electrocatalyst for overall water splitting. Nanoscale Horizons, 2017, 2, 342-348.	8.0	247
72	Sulfur-doped cobalt phosphide nanotube arrays for highly stable hybrid supercapacitor. Nano Energy, 2017, 39, 162-171.	16.0	273

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73	Surfaceâ€Chargeâ€Mediated Formation of Hâ€TiO ₂ @Ni(OH) ₂ Heterostructures for Highâ€Performance Supercapacitors. Advanced Materials, 2017, 29, 1604164.	21.0	203
74	Microwave – assisted hydrothermal synthesis of nanocrystal β-Ni(OH) ₂ for supercapacitor applications. CrystEngComm, 2016, 18, 3256-3264.	2.6	42
75	Hybrid Fe ₂ O ₃ Nanoparticle Clusters/rGO Paper as an Effective Negative Electrode for Flexible Supercapacitors. Chemistry of Materials, 2016, 28, 7296-7303.	6.7	95
76	Recent Development of Advanced Electrode Materials by Atomic Layer Deposition for Electrochemical Energy Storage. Advanced Science, 2016, 3, 1500405.	11.2	93
77	A Flexible Quasiâ€Solidâ€State Nickel–Zinc Battery with High Energy and Power Densities Based on 3D Electrode Design. Advanced Materials, 2016, 28, 8732-8739.	21.0	479
78	Highâ€Performance Flexible Solidâ€State Ni/Fe Battery Consisting of Metal Oxides Coated Carbon Cloth/Carbon Nanofiber Electrodes. Advanced Energy Materials, 2016, 6, 1601034.	19.5	262
79	Confined Fe ₂ O ₃ Nanoparticles on Graphite Foam as Highâ€Rate and Stable Lithiumâ€Ion Battery Anode. Particle and Particle Systems Characterization, 2016, 33, 487-492.	2.3	29
80	3D Graphene-Nickel Hydroxide Hydrogel Electrode for High-Performance Supercapacitor. Electrochimica Acta, 2016, 196, 653-660.	5.2	83
81	3D TiO2@Ni(OH)2 Core-shell Arrays with Tunable Nanostructure for Hybrid Supercapacitor Application. Scientific Reports, 2015, 5, 13940.	3.3	68
82	Flexible Asymmetric Supercapacitor Based on Structureâ€Optimized Mn ₃ O ₄ /Reduced Graphene Oxide Nanohybrid Paper with High Energy and Power Density. Advanced Functional Materials, 2015, 25, 7291-7299.	14.9	146
83	Atomic-layer-deposition alumina induced carbon on porous Ni _x Co _{1 â^ x} O nanonets for enhanced pseudocapacitive and Li-ion storage performance. Nanotechnology, 2015, 26, 014001.	2.6	21
84	Atomic layer deposition of Co ₃ O ₄ on carbon nanotubes/carbon cloth for high-capacitance and ultrastable supercapacitor electrode. Nanotechnology, 2015, 26, 094001.	2.6	84
85	Highly stable and flexible Li-ion battery anodes based on TiO ₂ coated 3D carbon nanostructures. Journal of Materials Chemistry A, 2015, 3, 15394-15398.	10.3	65
86	Iron Oxide-Decorated Carbon for Supercapacitor Anodes with Ultrahigh Energy Density and Outstanding Cycling Stability. ACS Nano, 2015, 9, 5198-5207.	14.6	441
87	3D hierarchical SnO ₂ @Ni(OH) ₂ core–shell nanowire arrays on carbon cloth for energy storage application. Journal of Materials Chemistry A, 2015, 3, 9538-9542.	10.3	33
88	Conformally deposited NiO on a hierarchical carbon support for high-power and durable asymmetric supercapacitors. Journal of Materials Chemistry A, 2015, 3, 23283-23288.	10.3	103
89	A High Energy and Power Liâ€ion Capacitor Based on a TiO ₂ Nanobelt Array Anode and a Graphene Hydrogel Cathode. Small, 2015, 11, 1470-1477.	10.0	256
90	A novel hollowed CoO-in-CoSnO ₃ nanostructure with enhanced lithium storage capabilities. Nanoscale, 2014, 6, 13824-13830.	5.6	52

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91	Atomicâ€Layerâ€Depositionâ€Assisted Formation of Carbon Nanoflakes on Metal Oxides and Energy Storage Application. Small, 2014, 10, 300-307.	10.0	60
92	Synthesis of Freeâ€Standing Metal Sulfide Nanoarrays via Anion Exchange Reaction and Their Electrochemical Energy Storage Application. Small, 2014, 10, 766-773.	10.0	413
93	Solution synthesis of metal oxides for electrochemical energy storage applications. Nanoscale, 2014, 6, 5008-5048.	5.6	363
94	Highly Stable and Reversible Lithium Storage in SnO ₂ Nanowires Surface Coated with a Uniform Hollow Shell by Atomic Layer Deposition. Nano Letters, 2014, 14, 4852-4858.	9.1	269
95	Hierarchically porous three-dimensional electrodes of CoMoO ₄ and ZnCo ₂ O ₄ and their high anode performance for lithium ion batteries. Nanoscale, 2014, 6, 10556.	5.6	77
96	A New Type of Porous Graphite Foams and Their Integrated Composites with Oxide/Polymer Core/Shell Nanowires for Supercapacitors: Structural Design, Fabrication, and Full Supercapacitor Demonstrations. Nano Letters, 2014, 14, 1651-1658.	9.1	428
97	Uncovering loss mechanisms in silver nanoparticle-blended plasmonic organic solar cells. Nature Communications, 2013, 4, 2004.	12.8	118
98	Rationally Designed Hierarchical TiO ₂ @Fe ₂ O ₃ Hollow Nanostructures for Improved Lithium Ion Storage. Advanced Energy Materials, 2013, 3, 737-743.	19.5	296
99	Hollow core–shell nanostructure supercapacitor electrodes: gap matters. Energy and Environmental Science, 2012, 5, 9085.	30.8	184
100	Integrated photoelectrochemical energy storage: solar hydrogen generation and supercapacitor. Scientific Reports, 2012, 2, 981.	3.3	85
101	Porous Hydroxide Nanosheets on Preformed Nanowires by Electrodeposition: Branched Nanoarrays for Electrochemical Energy Storage. Chemistry of Materials, 2012, 24, 3793-3799.	6.7	201
102	Robust, High-Density Zinc Oxide Nanoarrays by Nanoimprint Lithography-Assisted Area-Selective Atomic Layer Deposition. Journal of Physical Chemistry C, 2012, 116, 23729-23734.	3.1	26
103	Composition-Graded Zn _{<i>x</i>} Cd _{_{1–<i>x</i>}} Se@ZnO Core–Shell Nanowire Array Electrodes for Photoelectrochemical Hydrogen Generation. Journal of Physical Chemistry C, 2012, 116, 3802-3807.	3.1	81
104	Nanoporous Walls on Macroporous Foam: Rational Design of Electrodes to Push Areal Pseudocapacitance. Advanced Materials, 2012, 24, 4186-4190.	21.0	239
105	Hybrid structure of cobalt monoxide nanowire @ nickel hydroxidenitrate nanoflake aligned on nickel foam for high-rate supercapacitor. Energy and Environmental Science, 2011, 4, 4496.	30.8	386
106	A general strategy toward graphene@metal oxide core–shell nanostructures for high-performance lithium storage. Energy and Environmental Science, 2011, 4, 4954.	30.8	255
107	Charge Moment Tensor and its Application to a Rotational Charged Rigid Body in a Uniform Magnetic Field. Journal of Electromagnetic Waves and Applications, 2008, 22, 2179-2190.	1.6	2