

# Mingxiang Hu

## List of Publications by Year in descending order

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23  
papers

1,018  
citations

430843

18  
h-index

642715

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g-index

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23  
docs citations

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times ranked

1841  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon Dioxide Methanation over Nickel-Based Catalysts Supported on Various Mesoporous Material. <i>Energy &amp; Fuels</i> , 2018, 32, 3681-3689.	5.1	131
2	Microwave-assisted growth of In <sub>2</sub> O <sub>3</sub> nanoparticles on WO <sub>3</sub> nanoplates to improve H <sub>2</sub> S-sensing performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 18867-18874.	10.3	88
3	Ultrasensitive Pressure Detection of Few-Layer MoS <sub>2</sub> . <i>Advanced Materials</i> , 2017, 29, 1603266.	21.0	82
4	High-performance sodium-ion hybrid capacitors based on an interlayer-expanded MoS <sub>2</sub> /rGO composite: surpassing the performance of lithium-ion capacitors in a uniform system. <i>NPG Asia Materials</i> , 2018, 10, 775-787.	7.9	71
5	Ultrahigh rate sodium ion storage with nitrogen-doped expanded graphite oxide in ether-based electrolyte. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1582-1589.	10.3	60
6	Highly Active Ni-Based Catalyst Derived from Double Hydroxides Precursor for Low Temperature CO <sub>2</sub> Methanation. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 9102-9111.	3.7	60
7	Peroxidase-Like Nanozymes Induce a Novel Form of Cell Death and Inhibit Tumor Growth In Vivo. <i>Advanced Functional Materials</i> , 2020, 30, 2000647.	14.9	49
8	Pore structure regulation of hard carbon: Towards fast and high-capacity sodium-ion storage. <i>Journal of Colloid and Interface Science</i> , 2020, 566, 257-264.	9.4	49
9	Revealing the Critical Factor in Metal Sulfide Anode Performance in Sodium-ion Batteries: An Investigation of Polysulfide Shuttling Issues. <i>Small Methods</i> , 2020, 4, 1900673.	8.6	47
10	Advanced Materials for Sodium-ion Capacitors with Superior Energy-Power Properties: Progress and Perspectives. <i>Small</i> , 2020, 16, e1902843.	10.0	45
11	High areal specific capacity of Ni <sub>3</sub> V <sub>2</sub> O <sub>8</sub> /carbon cloth hierarchical structures as flexible anodes for sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15517-15524.	10.3	43
12	Ultrahigh rate sodium-ion storage of SnS/SnS <sub>2</sub> heterostructures anchored on S-doped reduced graphene oxide by ion-assisted growth. <i>Carbon</i> , 2019, 143, 21-29.	10.3	41
13	Monodisperse nitrogen-doped carbon spheres with superior rate capacities for lithium/sodium ion storage. <i>Electrochimica Acta</i> , 2019, 297, 365-371.	5.2	41
14	Ultrahigh rate binder-free Na <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> /carbon cathode for sodium-ion battery. <i>Journal of Energy Chemistry</i> , 2018, 27, 1439-1445.	12.9	37
15	Salt and sugar derived high power carbon microspheres anode with excellent low-potential capacity. <i>Carbon</i> , 2020, 163, 288-296.	10.3	37
16	Enhanced sodium-ion storage of nitrogen-rich hard carbon by NaCl intercalation. <i>Carbon</i> , 2017, 122, 680-686.	10.3	36
17	Coupled ultrasonication-milling synthesis of hierarchically porous carbon for high-performance supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2018, 528, 208-224.	9.4	21
18	High Areal Capacity Li-ion Storage of Binder-Free Metal Vanadate/Carbon Hybrid Anode by Ion-Exchange Reaction. <i>Small</i> , 2018, 14, e1801832.	10.0	19

#	ARTICLE	IF	CITATIONS
19	Sulfur-Doped Reduced Graphene Oxide for Enhanced Sodium Ion Pseudocapacitance. <i>Nanomaterials</i> , 2019, 9, 752.	4.1	17
20	Pressure Sensors: Ultrasensitive Pressure Detection of Few-Layer MoS <sub>2</sub> (Adv. Mater.)	21.0	16
21	Sodium-ion capacitors with superior energy-power performance by using carbon-based materials in both electrodes. <i>Progress in Natural Science: Materials International</i> , 2020, 30, 13-19.	4.4	14
22	Layered carbon-based pseudocapacitive materials for lithium/sodium-ion capacitor with high energy-power densities and long cycle life. <i>Progress in Natural Science: Materials International</i> , 2020, 30, 20-27.	4.4	8
23	Composite K <sub>2</sub> Mo <sub>4</sub> O <sub>13</sub> ±MoO <sub>3</sub> nanorods: sonochemical preparation and applications for advanced Li <sup>+</sup> /Na <sup>+</sup> pseudocapacitance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10954-10961.	10.3	6