

Qingchi Xu

List of Publications by Year in descending order

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papers

1,221
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1812
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#	ARTICLE	IF	CITATIONS
1	Holey amorphous FeCoO-coated black phosphorus for robust polysulfide adsorption and catalytic conversion in lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11676-11683.	10.3	13
2	Designing anisotropic inorganic nanocapsules via self-assembly of polymer-like ultrathin Au nanowires. <i>Nanoscale</i> , 2022, 14, 10060-10066.	5.6	3
3	Engineering of Amorphous PtO _x Interface on Pt/WO ₃ Nanosheets for Ethanol Oxidation Electrocatalysis. <i>Advanced Functional Materials</i> , 2021, 31, 2100982.	14.9	63
4	Electron Matters: Recent Advances in Passivation and Applications of Black Phosphorus. <i>Advanced Materials</i> , 2021, 33, e2005924.	21.0	29
5	Mo ₂ C/C Hierarchical Double-shelled Hollow Spheres as Sulfur Host for Advanced Li-S Batteries. <i>Angewandte Chemie</i> , 2021, 133, 21682-21690.	2.0	21
6	Mo ₂ C/C Hierarchical Double-shelled Hollow Spheres as Sulfur Host for Advanced Li-S Batteries. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21512-21520.	13.8	76
7	Polyaniline Encapsulated Amorphous V ₂ O ₅ Nanowire-Modified Multi-Functional Separators for Lithium-Sulfur Batteries. <i>Small Methods</i> , 2021, 5, e2001056.	8.6	86
8	Enhancing polysulfide confinement and conversion in meso-/microporous core-shelled MoC/NC microspheres for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26051-26060.	10.3	16
9	Transparent, stretchable and degradable protein electronic skin for biomechanical energy scavenging and wireless sensing. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112567.	10.1	57
10	Regulating the reactivity of black phosphorus via protective chemistry. <i>Science Advances</i> , 2020, 6, .	10.3	37
11	Adaptive Bifunctional Electrocatalyst of Amorphous CoFe Oxide @ 2D Black Phosphorus for Overall Water Splitting. <i>Angewandte Chemie</i> , 2020, 132, 21292-21299.	2.0	26
12	Adaptive Bifunctional Electrocatalyst of Amorphous CoFe Oxide @ 2D Black Phosphorus for Overall Water Splitting. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21106-21113.	13.8	182
13	Integration of PEGylated Polyaniline Nanocoatings with Multiple Plastic Substrates Generates Comparable Antifouling Performance. <i>Langmuir</i> , 2020, 36, 9114-9123.	3.5	9
14	The Art of Integrated Functionalization: Super Stable Black Phosphorus Achieved through Metal-Organic Framework Coating. <i>Advanced Functional Materials</i> , 2020, 30, 2002232.	14.9	51
15	Ultra-large optical modulation of a size-tunable flexible electrochromic honeycomb mesoporous tungsten oxide film. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 680-686.	6.0	13
16	Pulsed electrochemical deposition of porous WO ₃ on silver networks for highly flexible electrochromic devices. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1966-1973.	5.5	40
17	Oxidant-templating fabrication of pure polypyrrole hydrogel beads as a highly efficient dye adsorbent. <i>RSC Advances</i> , 2019, 9, 5895-5900.	3.6	10
18	Synthesis of hierarchical lamellar Co ₃ O ₄ -CoMoO ₄ heterostructures for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 26884-26892.	10.3	31

#	ARTICLE	IF	CITATIONS
19	Ultrathin AuAg Nanofilms from Ice-Templated Assembly of AuAg Nanowires. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800256.	3.7	8
20	A Hydrogel of Ultrathin Pure Polyaniline Nanofibers: Oxidant-Templating Preparation and Supercapacitor Application. <i>ACS Nano</i> , 2018, 12, 5888-5894.	14.6	177
21	Assembly of Ultrathin Gold Nanowires: From Polymer Analogue to Colloidal Block. <i>ACS Nano</i> , 2017, 11, 2756-2763.	14.6	24
22	Assembly of Ultrathin Gold Nanowires into Honeycomb Macroporous Pattern Films with High Transparency and Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7826-7833.	8.0	31
23	Protein-Directed Synthesis of Bifunctional Adsorbent-Catalytic Hemin-Graphene Nanosheets for Highly Efficient Removal of Dye Pollutants via Synergistic Adsorption and Degradation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 684-692.	8.0	69
24	3D nano-macroporous structured TiO ₂ -foam glass as an efficient photocatalyst for organic pollutant treatment. <i>RSC Advances</i> , 2016, 6, 51888-51893.	3.6	11
25	Synthesis of hybrid nanocomposites of ZIF-8 with two-dimensional black phosphorus for photocatalysis. <i>RSC Advances</i> , 2016, 6, 69033-69039.	3.6	62
26	Ligand-triggered electrostatic self-assembly of CdS nanosheet/Au nanocrystal nanocomposites for versatile photocatalytic redox applications. <i>Nanoscale</i> , 2016, 8, 19161-19173.	5.6	24
27	Defect-Rich Metal Nanocrystals in Catalysis. <i>ChemCatChem</i> , 2016, 8, 480-485.	3.7	33
28	Unconventional synthesis of Cu-Au dendritic nanowires with enhanced electrochemical activity. <i>RSC Advances</i> , 2016, 6, 2464-2469.	3.6	7
29	Structural instability and mechanical properties of MoS ₂ toroidal nanostructures. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 32425-32435.	2.8	12