

Xin-Lu Li

List of Publications by Year in descending order

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19
papers

505
citations

759233

12
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

852
citing authors

#	ARTICLE	IF	CITATIONS
1	Micelle anchored in situ synthesis of V ₂ O ₃ nanoflakes@C composites for supercapacitors. Journal of Materials Chemistry A, 2014, 2, 18806-18815.	10.3	89
2	Hierarchical vanadium oxide microspheres forming from hyperbranched nanoribbons as remarkably high performance electrode materials for supercapacitors. Journal of Materials Chemistry A, 2015, 3, 22892-22901.	10.3	63
3	Sequential Solution Polymerization of Poly(3,4-ethylenedioxythiophene) Using V ₂ O ₅ as Oxidant for Flexible Touch Sensors. IScience, 2019, 12, 66-75.	4.1	61
4	Solvothermal-induced construction of ultra-tiny Fe ₂ O ₃ nanoparticles/graphene hydrogels as binder-free high-capacitance anode for supercapacitors. Rare Metals, 2021, 40, 3520-3530.	7.1	47
5	Electrospinning fabrication and in situ mechanical investigation of individual graphene nanoribbon reinforced carbon nanofiber. Carbon, 2017, 114, 717-723.	10.3	36
6	In situ synthesis of SnO ₂ nanosheet/graphene composite as anode materials for lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2013, 24, 3640-3645.	2.2	34
7	A nanocomposite of graphene/MnO ₂ nanoplatelets for high-capacity lithium storage. Journal of Applied Electrochemistry, 2012, 42, 1065-1070.	2.9	33
8	A three-dimensional sponge of graphene nanoribbons crosslinked by Fe ₃ O ₄ nanoparticles for Li ⁺ storage. Journal of Materials Chemistry A, 2017, 5, 23592-23599.	10.3	32
9	Chemical unzipping of multiwalled carbon nanotubes for high-capacity lithium storage. Electrochimica Acta, 2014, 125, 170-175.	5.2	21
10	Graphene nanosheets as backbones to build a 3D conductive network for negative active materials of lead-acid batteries. Journal of Applied Electrochemistry, 2017, 47, 619-630.	2.9	21
11	Rivet Graphene. ACS Nano, 2016, 10, 7307-7313.	14.6	20
12	Graphene as a high-capacity anode material for lithium ion batteries. Journal Wuhan University of Technology, Materials Science Edition, 2013, 28, 220-223.	1.0	14
13	One-step hydrothermal synthesis of flower-like SnO ₂ /carbon nanotubes composite and its electrochemical properties. Journal of Sol-Gel Science and Technology, 2012, 63, 569-572.	2.4	10
14	ONE-STEP AND CONTROLLABLE SELF-ASSEMBLY OF Au/TiO ₂ /CARBON SPHERES TERNARY NANOCOMPOSITES WITH A NANOPARTICLE MONOSHELL WALL. Nano, 2012, 07, 1250025.	1.0	6
15	Compressible Neuron-like 3D Few-Layered MoS ₂ /N-Doped Graphene Foam as Freestanding and Binder-Free Electrodes for High-Performance Lithium-Ion Batteries. ACS Applied Energy Materials, 2022, 5, 7249-7259.	5.1	6
16	Electrochemical performances of graphene nanoribbons interlacing hollow NiCo oxide nanocages. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	5
17	In-situ growth of Fe nanoparticles encapsulated by carbon onions with controllable thickness on graphene nanoribbon-reinforced graphene. Carbon, 2021, 174, 423-429.	10.3	5
18	Chemical splitting of multiwalled carbon nanotubes to enhance electrochemical capacitance for supercapacitors. Functional Materials Letters, 2014, 07, 1450057.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Facile synthesis of papillae-like polyaniline nanocones on graphene nanosheets for ultracapacitors. Journal of Materials Science: Materials in Electronics, 2017, 28, 11603-11608.	2.2	0