

Changlu Shao

List of Publications by Year in descending order

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44
papers

4,678
citations

126708

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docs citations

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times ranked

6457
citing authors

#	ARTICLE	IF	CITATIONS
1	A Pore-Forming Strategy Toward Porous Carbon-Based Substrates for High Performance Flexible Lithium Metal Full Batteries. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	8
2	<sc>HeteroJanus</sc> Nanofibers as an Ideal Framework for Promoting Water-pollutant Photoreforming Hydrogen Evolution. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	1
3	Anchoring bismuth oxybromo-iodide solid solutions on flexible electrospun polyacrylonitrile nanofiber mats for floating photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 3178-3191.	5.0	13
4	Construction of In ₂ O ₃ /ZnO yolk-shell nanofibers for room-temperature NO ₂ detection under UV illumination. <i>Journal of Hazardous Materials</i> , 2021, 403, 124093.	6.5	75
5	Ternary NiTiO ₃ @g-C ₃ N ₄ Au nanofibers with a synergistic Z-scheme core-shell interface and dispersive Schottky contact surface for enhanced solar photocatalytic activity. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2730-2741.	3.2	14
6	TiO ₂ /SrTiO ₃ /g-C ₃ N ₄ ternary heterojunction nanofibers: gradient energy band, cascade charge transfer, enhanced photocatalytic hydrogen evolution, and nitrogen fixation. <i>Nanoscale</i> , 2020, 12, 8320-8329.	2.8	88
7	Discrete heterojunction nanofibers of BiFeO ₃ /Bi ₂ WO ₆ : Novel architecture for effective charge separation and enhanced photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 257-268.	5.0	60
8	MoSe ₂ /TiO ₂ Nanofibers for Cycling Photocatalytic Removing Water Pollutants under UV-Vis-NIR Light. <i>ACS Applied Nano Materials</i> , 2020, 3, 2278-2287.	2.4	35
9	Hierarchically Porous In ₂ O ₃ /In ₂ S ₃ Heterostructures as Micronano Photocatalytic Reactors Prepared by a Novel Polymer-Assisted Sol-Gel Freeze-Drying Method. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14106-14114.	1.8	25
10	ZnO/ZnFe ₂ O ₄ Janus Hollow Nanofibers with Magnetic Separability for Photocatalytic Degradation of Water-Soluble Organic Dyes. <i>ACS Applied Nano Materials</i> , 2019, 2, 4879-4890.	2.4	38
11	Reusable and Flexible g-C ₃ N ₄ /Ag ₃ PO ₄ /Polyacrylonitrile Heterojunction Nanofibers for Photocatalytic Dye Degradation and Oxygen Evolution. <i>ACS Applied Nano Materials</i> , 2019, 2, 3081-3090.	2.4	58
12	Bismuth oxychloride (BiOCl)/copper phthalocyanine (CuTNPc) heterostructures immobilized on electrospun polyacrylonitrile nanofibers with enhanced activity for floating photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 187-195.	5.0	40
13	Molybdenum diselenide nanosheet/carbon nanofiber heterojunctions: Controllable fabrication and enhanced photocatalytic properties with a broad-spectrum response from visible to infrared light. <i>Journal of Colloid and Interface Science</i> , 2018, 518, 1-10.	5.0	28
14	Heterojunction of g-C ₃ N ₄ /BiOI Immobilized on Flexible Electrospun Polyacrylonitrile Nanofibers: Facile Preparation and Enhanced Visible Photocatalytic Activity for Floating Photocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2316-2323.	3.2	132
15	Hierarchical heterostructures of p-type bismuth oxychloride nanosheets on n-type zinc ferrite electrospun nanofibers with enhanced visible-light photocatalytic activities and magnetic separation properties. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 110-120.	5.0	42
16	Three dimensional hierarchical heterostructures of g-C ₃ N ₄ nanosheets/TiO ₂ nanofibers: Controllable growth via gas-solid reaction and enhanced photocatalytic activity under visible light. <i>Journal of Hazardous Materials</i> , 2018, 344, 113-122.	6.5	116
17	Electrospun CuAl ₂ O ₄ hollow nanofibers as visible light photocatalyst with enhanced activity and excellent stability under acid and alkali conditions. <i>CrystEngComm</i> , 2018, 20, 312-322.	1.3	18
18	Enhanced Full-Spectrum-Response Photocatalysis and Reusability of MoSe ₂ via Hierarchical N-Doped Carbon Nanofibers as Heterostructural Supports. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14314-14322.	3.2	16

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19	Bi ₂ MoO ₆ /BiFeO ₃ heterojunction nanofibers: Enhanced photocatalytic activity, charge separation mechanism and magnetic separability. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 404-414.	5.0	99
20	Assembling n-Bi ₂ MoO ₆ Nanosheets on Electrospun p-CuAl ₂ O ₄ Hollow Nanofibers: Enhanced Photocatalytic Activity Based on Highly Efficient Charge Separation and Transfer. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10714-10723.	3.2	59
21	A facile fabrication of nitrogen-doped electrospun In ₂ O ₃ nanofibers with improved visible-light photocatalytic activity. <i>Applied Surface Science</i> , 2017, 391, 668-676.	3.1	40
22	Heterojunctions of p-BiOI Nanosheets/n-TiO ₂ Nanofibers: Preparation and Enhanced Visible-Light Photocatalytic Activity. <i>Materials</i> , 2016, 9, 90.	1.3	35
23	Facile in situ synthesis of plasmonic nanoparticles-decorated g-C ₃ N ₄ /TiO ₂ heterojunction nanofibers and comparison study of their photosynergistic effects for efficient photocatalytic H ₂ evolution. <i>Nanoscale</i> , 2016, 8, 11034-11043.	2.8	204
24	Freestanding hierarchically porous carbon framework decorated by polyaniline as binder-free electrodes for high performance supercapacitors. <i>Journal of Power Sources</i> , 2016, 329, 516-524.	4.0	44
25	Room temperature immobilized BiOI nanosheets on flexible electrospun polyacrylonitrile nanofibers with high visible-light photocatalytic activity. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 80, 783-792.	1.1	12
26	Electrospun Carbon Nanofibers/Carbon Nanotubes/Polyaniline Ternary Composites with Enhanced Electrochemical Performance for Flexible Solid-State Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1689-1696.	3.2	90
27	Flexible solid-state supercapacitors based on freestanding nitrogen-doped porous carbon nanofibers derived from electrospun polyacrylonitrile@polyaniline nanofibers. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4180-4187.	5.2	203
28	Three-dimensional freestanding hierarchically porous carbon materials as binder-free electrodes for supercapacitors: high capacitive property and long-term cycling stability. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5623-5631.	5.2	89
29	Polyaniline-coated electrospun carbon nanofibers with high mass loading and enhanced capacitive performance as freestanding electrodes for flexible solid-state supercapacitors. <i>Energy</i> , 2016, 95, 233-241.	4.5	122
30	Hierarchical heterostructures of p-type BiOCl nanosheets on electrospun n-type TiO ₂ nanofibers with enhanced photocatalytic activity. <i>Catalysis Communications</i> , 2015, 67, 6-10.	1.6	70
31	In ₂ S ₃ /carbon nanofibers/Au ternary synergetic system: Hierarchical assembly and enhanced visible-light photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2015, 283, 599-607.	6.5	43
32	p-MoO ₃ Nanostructures/n-TiO ₂ Nanofiber Heterojunctions: Controlled Fabrication and Enhanced Photocatalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9004-9012.	4.0	148
33	CuO/Cu ₂ O nanofibers as electrode materials for non-enzymatic glucose sensors with improved sensitivity. <i>RSC Advances</i> , 2014, 4, 31056.	1.7	79
34	BiOCl nanosheets immobilized on electrospun polyacrylonitrile nanofibers with high photocatalytic activity and reusable property. <i>Applied Surface Science</i> , 2013, 285, 509-516.	3.1	70
35	Hierarchical assembly of ultrathin hexagonal SnS ₂ nanosheets onto electrospun TiO ₂ nanofibers: enhanced photocatalytic activity based on photoinduced interfacial charge transfer. <i>Nanoscale</i> , 2013, 5, 606-618.	2.8	344
36	One-dimensional hierarchical heterostructures of In ₂ S ₃ nanosheets on electrospun TiO ₂ nanofibers with enhanced visible photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2013, 260, 892-900.	6.5	103

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37	Hierarchical heterostructures of Bi ₂ MoO ₆ on carbon nanofibers: controllable solvothermal fabrication and enhanced visible photocatalytic properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 577-584.	6.7	196
38	Bi ₂ MoO ₆ ultrathin nanosheets on ZnTiO ₃ nanofibers: A 3D open hierarchical heterostructures synergistic system with enhanced visible-light-driven photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 422-428.	6.5	86
39	High Photocatalytic Activity of ZnO~Carbon Nanofiber Heteroarchitectures. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 590-596.	4.0	415
40	TiO ₂ @carbon core/shell nanofibers: Controllable preparation and enhanced visible photocatalytic properties. <i>Nanoscale</i> , 2011, 3, 2943.	2.8	187
41	Hierarchical Nanostructures of Copper(II) Phthalocyanine on Electrospun TiO ₂ Nanofibers: Controllable Solvothermal-Fabrication and Enhanced Visible Photocatalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 369-377.	4.0	194
42	Controlled synthesis of PAN/Ag ₂ S composites nanofibers via electrospinning-assisted hydro(solvo)thermal method. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 1488-1493.	1.5	20
43	Electrospun Nanofibers of p-Type NiO/n-Type ZnO Heterojunctions with Enhanced Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2915-2923.	4.0	574
44	Electrospun Nanofibers of ZnO~SnO ₂ Heterojunction with High Photocatalytic Activity. <i>Journal of Physical Chemistry C</i> , 2010, 114, 7920-7925.	1.5	345