

Ze-sheng Li

List of Publications by Year in descending order

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papers

2,497
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236925

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docs citations

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3392
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly-dispersed and high-metal-density electrocatalysts on carbon supports for the oxygen reduction reaction: from nanoparticles to atomic-level architectures. <i>Materials Advances</i> , 2022, 3, 779-809.	5.4	45
2	Emerging Ultrahigh-Density Single-Atom Catalysts for Versatile Heterogeneous Catalysis Applications: Redefinition, Recent Progress, and Challenges. <i>Small Structures</i> , 2022, 3, .	12.0	41
3	Constructing Flexible All-Solid-State Supercapacitors from 3D Nanosheets Active Bricks via 3D Manufacturing Technology: A Perspective Review. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	33
4	3-D hierarchical micro/nano-structures of porous Bi ₂ WO ₆ : Controlled hydrothermal synthesis and enhanced photocatalytic performances. <i>Microporous and Mesoporous Materials</i> , 2021, 313, 110830.	4.4	22
5	Biomass-derived O, N-codoped hierarchically porous carbon prepared by black fungus and <i>Hericium erinaceus</i> for high performance supercapacitor. <i>RSC Advances</i> , 2021, 11, 27860-27867.	3.6	7
6	Design and preparation of three-dimensional hetero-electrocatalysts of NiCo-layered double hydroxide nanosheets incorporated with silver nanoclusters for enhanced oxygen evolution reactions. <i>Nanoscale</i> , 2021, 13, 11150-11160.	5.6	25
7	Controllable synthesis of bismuth tungstate photocatalysts with different morphologies for degradation of antibiotics under visible-light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 17848-17864.	2.2	1
8	Three-dimensional graphene-like carbon nanosheets coupled with MnCo-layered double hydroxides nanoflowers as efficient bifunctional oxygen electrocatalyst. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 34239-34251.	7.1	20
9	Progress in batch preparation of single-atom catalysts and application in sustainable synthesis of fine chemicals. <i>Green Chemistry</i> , 2021, 23, 8754-8794.	9.0	39
10	Construction of heteroatom-doped and three-dimensional graphene materials for the applications in supercapacitors: A review. <i>Journal of Energy Storage</i> , 2021, 44, 103437.	8.1	93
11	In situ fabrication of I-doped Bi ₂ O ₂ CO ₃ /g-C ₃ N ₄ heterojunctions for enhanced photodegradation activity under visible light. <i>Journal of Hazardous Materials</i> , 2020, 385, 121622.	12.4	55
12	Three-dimensional P-doped porous g-C ₃ N ₄ nanosheets as an efficient metal-free photocatalyst for visible-light photocatalytic degradation of Rhodamine B model pollutant. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 114, 249-262.	5.3	37
13	Photocatalytic degradation characteristics of tetracycline and structural transformation on bismuth silver oxide perovskite nano-catalysts. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 2329-2338.	3.1	6
14	Core/shell cable-like Ni ₃ S ₂ nanowires/N-doped graphene-like carbon layers as composite electrocatalyst for overall electrocatalytic water splitting. <i>Chemical Engineering Journal</i> , 2020, 401, 126045.	12.7	134
15	Synthesis and characterization of activated 3D graphene via catalytic growth and chemical activation for electrochemical energy storage in supercapacitors. <i>Electrochimica Acta</i> , 2019, 324, 134878.	5.2	32
16	Spinel NiCo ₂ O ₄ 3-D nanoflowers supported on graphene nanosheets as efficient electrocatalyst for oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 16120-16131.	7.1	99
17	Preparation of Ag-AgVO ₃ /g-C ₃ N ₄ composite photo-catalyst and degradation characteristics of antibiotics. <i>Journal of Hazardous Materials</i> , 2019, 373, 303-312.	12.4	107
18	Three-dimensional graphene-like porous carbon nanosheets derived from molecular precursor for high-performance supercapacitor application. <i>Electrochimica Acta</i> , 2019, 296, 8-17.	5.2	95

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19	Bimetallic carbide of Co ₃ W ₃ C enhanced non-noble-metal catalysts with high activity and stability for acidic oxygen reduction reaction. RSC Advances, 2018, 8, 12292-12299.	3.6	10
20	Coconut-based activated carbon fibers for efficient adsorption of various organic dyes. RSC Advances, 2018, 8, 42280-42291.	3.6	176
21	Convenient and large-scale synthesis of hollow graphene-like nanocages for electrochemical supercapacitor application. Chemical Engineering Journal, 2017, 313, 1242-1250.	12.7	82
22	Facile synthesis of bicontinuous microporous/mesoporous carbon foam with ultrahigh specific surface area for supercapacitor application. Electrochimica Acta, 2016, 219, 339-349.	5.2	57
23	Hollow hemisphere-shaped macroporous graphene/tungsten carbide/platinum nanocomposite as an efficient electrocatalyst for the oxygen reduction reaction. Electrochimica Acta, 2016, 221, 31-40.	5.2	27
24	One-pot construction of 3-D nitrogen-doped activated graphene-like nanosheets for high-performance supercapacitors. Electrochimica Acta, 2016, 190, 378-387.	5.2	56
25	Controlled synthesis of three-dimensional interconnected graphene-like nanosheets from graphite microspheres as high-performance anodes for lithium-ion batteries. Journal of Materials Chemistry A, 2015, 3, 21298-21307.	10.3	23
26	A Co ₃ W ₃ C promoted Pd catalyst exhibiting competitive performance over Pt/C catalysts towards the oxygen reduction reaction. Chemical Communications, 2014, 50, 566-568.	4.1	60
27	Sulfur-infiltrated three-dimensional graphene-like material with hierarchical pores for highly stable lithium-sulfur batteries. Journal of Materials Chemistry A, 2014, 2, 4528-4533.	10.3	51
28	Novel graphene-like nanosheet supported highly active electrocatalysts with ultralow Pt loadings for oxygen reduction reaction. Journal of Materials Chemistry A, 2014, 2, 16898-16904.	10.3	21
29	Supported 3-D Pt nanostructures: the straightforward synthesis and enhanced electrochemical performance for methanol oxidation in an acidic medium. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	5
30	A strategy for mass production of self-assembled nitrogen-doped graphene as catalytic materials. Journal of Materials Chemistry A, 2013, 1, 1401-1406.	10.3	57
31	Simultaneous Formation of Ultrahigh Surface Area and Three-Dimensional Hierarchical Porous Graphene-Like Networks for Fast and Highly Stable Supercapacitors. Advanced Materials, 2013, 25, 2474-2480.	21.0	668
32	Mesoporous polymeric semiconductor materials of graphitic-C ₃ N ₄ : general and efficient synthesis and their integration with synergistic AgBr NPs for enhanced photocatalytic performances. RSC Advances, 2013, 3, 5631.	3.6	60
33	Unique mesoporous carbon microsphere/1-D MnO ₂ -built composite architecture and their enhanced electrochemical capacitance performance. Journal of Materials Chemistry, 2011, 21, 17185.	6.7	27
34	Novel Ga-doped, self-supported, independent aligned ZnO nanorods: one-pot hydrothermal synthesis and structurally enhanced photocatalytic performance. RSC Advances, 2011, 1, 1691.	3.6	23
35	A novel hybrid supercapacitor based on spherical activated carbon and spherical MnO ₂ in a non-aqueous electrolyte. Journal of Materials Chemistry, 2010, 20, 3883.	6.7	145
36	Novel 3-D superstructures made up of SnO ₂ @C core-shell nanochains for energy storage applications. Chemical Communications, 2010, 46, 9188.	4.1	58