

Yanshan Huang

List of Publications by Year in descending order

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papers

1,798
citations

304743

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434195

31
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31
docs citations

31
times ranked

2956
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Fe ₂ O ₃ /Graphene Aerogel with High Lithium Storage Performance. ACS Applied Materials & Interfaces, 2013, 5, 3764-3769.	8.0	296
2	3D MXene Architectures for Efficient Energy Storage and Conversion. Advanced Functional Materials, 2020, 30, 2000842.	14.9	276
3	Three-dimensional graphene/polyimide composite-derived flexible high-performance organic cathode for rechargeable lithium and sodium batteries. Journal of Materials Chemistry A, 2017, 5, 2710-2716.	10.3	119
4	Integration of ultrathin graphene/polyaniline composite nanosheets with a robust 3D graphene framework for highly flexible all-solid-state supercapacitors with superior energy density and exceptional cycling stability. Journal of Materials Chemistry A, 2017, 5, 5466-5474.	10.3	111
5	Assembly of Tin Oxide/Graphene Nanosheets into 3D Hierarchical Frameworks for High-Performance Lithium Storage. ChemSusChem, 2013, 6, 1510-1515.	6.8	89
6	Dispersion-Assembly Approach to Synthesize Three-Dimensional Graphene/Polymer Composite Aerogel as a Powerful Organic Cathode for Rechargeable Li and Na Batteries. ACS Applied Materials & Interfaces, 2017, 9, 15549-15556.	8.0	79
7	Graphene/polyaniline@carbon cloth composite as a high-performance flexible supercapacitor electrode prepared by a one-step electrochemical co-deposition method. RSC Advances, 2017, 7, 7688-7693.	3.6	76
8	Amphiphilic Polymer Promoted Assembly of Macroporous Graphene/SnO ₂ Frameworks with Tunable Porosity for High-Performance Lithium Storage. Small, 2014, 10, 2226-2232.	10.0	69
9	Nitrogen-doped carbon-encapsulated SnO ₂ @Sn/graphene sheets with improved anodic performance in lithium ion batteries. Journal of Materials Chemistry A, 2015, 3, 24148-24154.	10.3	67
10	Flexible Phosphorus-Doped Graphene/Metal-Organic Framework-Derived Porous Fe ₂ O ₃ Anode for Lithium-Ion Battery. ACS Applied Energy Materials, 2020, 3, 11900-11906.	5.1	64
11	Ternary MoS ₂ /SiO ₂ /graphene hybrids for high-performance lithium storage. Carbon, 2015, 81, 203-209.	10.3	53
12	Highly oriented macroporous graphene hybrid monoliths for lithium ion battery electrodes with ultrahigh capacity and rate capability. Nano Energy, 2015, 12, 287-295.	16.0	48
13	A three-dimensional graphene framework-enabled high-performance stretchable asymmetric supercapacitor. Journal of Materials Chemistry A, 2018, 6, 1802-1808.	10.3	48
14	SnO ₂ Quantum Dots@Graphene Framework as a High-Performance Flexible Anode Electrode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 12982-12989.	8.0	46
15	Ultrathin Nitrogen-Doped Carbon Layer Uniformly Supported on Graphene Frameworks as Ultrahigh-Capacity Anode for Lithium-Ion Full Battery. Small, 2018, 14, e1703969.	10.0	34
16	CdS core-Au/MXene-based photodetectors: Positive deep-UV photoresponse and negative UV-Vis-NIR photoresponse. Applied Surface Science, 2020, 513, 145813.	6.1	32
17	Nitrogen-Doped Porous Carbon/Graphene Aerogel with Much Enhanced Capacitive Behaviors. Electrochimica Acta, 2016, 215, 100-107.	5.2	30
18	In-Situ Growth and Wrapping of Aminoanthraquinone Nanowires in 3D Graphene Framework as Foldable Organic Cathode for Lithium-Ion Batteries. ChemSusChem, 2017, 10, 3419-3426.	6.8	30

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19	Incorporating conjugated carbonyl compounds into carbon nanomaterials as electrode materials for electrochemical energy storage. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31361-31377.	2.8	29
20	Boron-doped, Carbon-coated SnO ₂ /Graphene Nanosheets for Enhanced Lithium Storage. <i>Chemistry - A European Journal</i> , 2015, 21, 5617-5622.	3.3	28
21	Hierarchical TiO ₂ -SnO ₂ -graphene aerogels for enhanced lithium storage. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 1580-1584.	2.8	28
22	Bipolar nitrogen-doped graphene frameworks as high-performance cathodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1588-1594.	10.3	21
23	Pomegranate Clusters of N-Doped Carbon-Coated CoO _x Supported on Graphene as a Flexible Lithium-Ion Battery Anode. <i>ACS Applied Energy Materials</i> , 2022, 5, 5010-5017.	5.1	16
24	Reduced graphene oxide promoted assembly of graphene@polyimide film as a flexible cathode for high-performance lithium-ion battery. <i>RSC Advances</i> , 2020, 10, 8729-8734.	3.6	11
25	Carbon encapsulated Fe ₃ O ₄ /graphene framework with oriented macropores for lithium ion battery anode with enhanced cycling stability. <i>RSC Advances</i> , 2015, 5, 98399-98403.	3.6	10
26	Flexible Polyimide Nanorod/Graphene Framework as an Organic Cathode for Rechargeable Sodium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2021, 125, 6564-6569.	3.1	10
27	An ionic self-assembly approach towards sandwich-like graphene/SnO ₂ /graphene nanosheets for enhanced lithium storage. <i>RSC Advances</i> , 2014, 4, 57869-57874.	3.6	8
28	Three-dimensional Graphene-based N-doped Carbon Composites as High-performance Anode Materials for Sodium-ion Batteries. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3859-3864.	3.3	7
29	Three-dimensional Carbon Nitride/Graphene Framework as a High-performance Cathode for Lithium-ion Batteries. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1194-1198.	3.3	5
30	Graphene frameworks supported cobalt oxide with tunable morphologies for enhanced lithium storage behaviors. <i>Journal of Materials Science</i> , 2016, 51, 4856-4863.	3.7	4