

Ke Li

List of Publications by Year in descending order

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29
papers

2,737
citations

361413

20
h-index

477307

29
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30
all docs

30
docs citations

30
times ranked

3438
citing authors

#	ARTICLE	IF	CITATIONS
1	Transition metal nitrides for electrochemical energy applications. <i>Chemical Society Reviews</i> , 2021, 50, 1354-1390.	38.1	580
2	Influences from solvents on charge storage in titanium carbide MXenes. <i>Nature Energy</i> , 2019, 4, 241-248.	39.5	363
3	3D MXene Architectures for Efficient Energy Storage and Conversion. <i>Advanced Functional Materials</i> , 2020, 30, 2000842.	14.9	276
4	An Ultrafast Conducting Polymer@MXene Positive Electrode with High Volumetric Capacitance for Advanced Asymmetric Supercapacitors. <i>Small</i> , 2020, 16, e1906851.	10.0	186
5	Solution Synthesis of Semiconducting Two-Dimensional Polymer via Trimerization of Carbonitrile. <i>Journal of the American Chemical Society</i> , 2017, 139, 11666-11669.	13.7	175
6	Three-dimensional graphene/polyimide composite-derived flexible high-performance organic cathode for rechargeable lithium and sodium batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2710-2716.	10.3	119
7	All-pseudocapacitive asymmetric MXene-carbon-conducting polymer supercapacitors. <i>Nano Energy</i> , 2020, 75, 104971.	16.0	119
8	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. <i>Journal of Materials Chemistry A</i> , 2017, 5, 5466-5474.	10.3	111
9	Scalable Synthesis of Ultrathin Polyimide Covalent Organic Framework Nanosheets for High-Performance Lithium-Sulfur Batteries. <i>Journal of the American Chemical Society</i> , 2021, 143, 19446-19453.	13.7	104
10	Dispersion-Assembly Approach to Synthesize Three-Dimensional Graphene/Polymer Composite Aerogel as a Powerful Organic Cathode for Rechargeable Li and Na Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 15549-15556.	8.0	79
11	Graphene/polyaniline@carbon cloth composite as a high-performance flexible supercapacitor electrode prepared by a one-step electrochemical co-deposition method. <i>RSC Advances</i> , 2017, 7, 7688-7693.	3.6	76
12	Two-dimensional material inks. <i>Nature Reviews Materials</i> , 2022, 7, 717-735.	48.7	71
13	A facile synthesis of three dimensional graphene sponge composited with sulfur nanoparticles for flexible Li-S cathodes. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 22146-22153.	2.8	63
14	Ti ₃ C ₂ T _z /PEDOT:PSS hybrid materials for room-temperature methanol sensor. <i>Chinese Chemical Letters</i> , 2020, 31, 1018-1021.	9.0	57
15	A three-dimensional graphene framework-enabled high-performance stretchable asymmetric supercapacitor. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1802-1808.	10.3	48
16	Surface Redox Pseudocapacitance of Partially Oxidized Titanium Carbide MXene in Water-in-Salt Electrolyte. <i>ACS Energy Letters</i> , 2022, 7, 30-35.	17.4	43
17	Interfacial Engineered Vanadium Oxide Nanoheterostructures Synchronizing High-Energy and Long-Term Potassium-Ion Storage. <i>ACS Nano</i> , 2022, 16, 1502-1510.	14.6	35
18	Ultrathin Nitrogen-Doped Carbon Layer Uniformly Supported on Graphene Frameworks as Ultrahigh-Capacity Anode for Lithium-Ion Full Battery. <i>Small</i> , 2018, 14, e1703969.	10.0	34

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19	Reversible 3D self-assembly of graphene oxide and stimuli-responsive polymers for high-performance graphene-based supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19098-19106.	10.3	33
20	Intercalation-Induced Reversible Electrochromic Behavior of Two-Dimensional $\text{Ti}_3\text{C}_2\text{T}_x$ MXene in Organic Electrolytes. <i>ChemElectroChem</i> , 2021, 8, 151-156.	3.4	21
21	Novel NiCoMnO ₄ thermocatalyst for low-temperature catalytic degradation of methylene blue. <i>Journal of Molecular Catalysis A</i> , 2014, 383-384, 1-9.	4.8	16
22	Novel near room-temperature and/or light driven Fe-doped Sr ₂ Bi ₂ O ₅ photo/thermocatalyst for methylene blue degradation. <i>Applied Catalysis A: General</i> , 2015, 497, 216-224.	4.3	15
23	Vertically pillared V ₂ C ₂ /Ti ₃ C ₂ T flexible films for high-performance supercapacitors. <i>Journal of Alloys and Compounds</i> , 2022, 906, 164302.	5.5	15
24	Heterostructure-Induced Light Absorption and Charge-Transfer Optimization of a TiO_2 Photoanode for Photoelectrochemical Water Splitting. <i>ACS Applied Energy Materials</i> , 2021, 4, 14440-14446.	5.1	12
25	Direct growth of nanographene at low temperature from carbon black for highly sensitive temperature detectors. <i>Nanotechnology</i> , 2016, 27, 505603.	2.6	10
26	2D porous Nb ₄ N ₅ @Nb ₂ C heterojunctions for high-performance Li-ion batteries. <i>2D Materials</i> , 2022, 9, 015029.	4.4	9
27	Near room-temperature thermocatalysis: a promising avenue for the degradation of polyethylene using NiCoMnO ₄ powders. <i>RSC Advances</i> , 2016, 6, 11829-11839.	3.6	8
28	Thermocatalytic degradation of low density polyethylene films by responding to the actuation of heat. <i>RSC Advances</i> , 2014, 4, 41744-41752.	3.6	5
29	Preparation and Characterizations of Novel Near Room-Temperature Driven Fe/Sr ₂ Bi ₂ O ₅ Thermocatalyst. <i>Materials Science Forum</i> , 2014, 804, 63-66.	0.3	0