Ke Li

List of Publications by Year
in descending order

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Version: 2024-02-01

29 papers	2,737 citations	361413 20 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	3438 citing authors

#	Article	IF	Citations
1	Surface Redox Pseudocapacitance of Partially Oxidized Titanium Carbide MXene in Water-in-Salt Electrolyte. ACS Energy Letters, 2022, 7, 30-35.	17.4	43
2	Interfacial Engineered Vanadium Oxide Nanoheterostructures Synchronizing High-Energy and Long-Term Potassium-Ion Storage. ACS Nano, 2022, 16, 1502-1510.	14.6	35
3	Vertically pillared V2CT /Ti3C2T flexible films for high-performance supercapacitors. Journal of Alloys and Compounds, 2022, 906, 164302.	5.5	15
4	2D porous Nb₄N₅@Nb₂C heterojunctions for high-performance Li-ion batteries. 2D Materials, 2022, 9, 015029.	4.4	9
5	Two-dimensional material inks. Nature Reviews Materials, 2022, 7, 717-735.	48.7	71
6	Intercalationâ€Induced Reversible Electrochromic Behavior of Twoâ€Dimensional Ti₃C₂T_x MXene in Organic Electrolytes. ChemElectroChem, 2021, 8, 151-156.	3.4	21
7	Transition metal nitrides for electrochemical energy applications. Chemical Society Reviews, 2021, 50, 1354-1390.	38.1	580
8	Scalable Synthesis of Ultrathin Polyimide Covalent Organic Framework Nanosheets for High-Performance Lithiumâ€“Sulfur Batteries. Journal of the American Chemical Society, 2021, 143, 19446-19453.	13.7	104
9	Heterostructure-Induced Light Absorption and Charge-Transfer Optimization of a TiO₂ Photoanode for Photoelectrochemical Water Splitting. ACS Applied Energy Materials, 2021, 4, 14440-14446.	5.1	12
10	An Ultrafast Conducting Polymer@MXene Positive Electrode with High Volumetric Capacitance for Advanced Asymmetric Supercapacitors. Small, 2020, 16, e1906851.	10.0	186
11	Ti3C2T /PEDOT:PSS hybrid materials for room-temperature methanol sensor. Chinese Chemical Letters, 2020, 31, 1018-1021.	9.0	57
12	3D MXene Architectures for Efficient Energy Storage and Conversion. Advanced Functional Materials, 2020, 30, 2000842.	14.9	276
13	All-pseudocapacitive asymmetric MXene-carbon-conducting polymer supercapacitors. Nano Energy, 2020, 75, 104971.	16.0	119
14	Influences from solvents on charge storage in titanium carbide MXenes. Nature Energy, 2019, 4, 241-248.	39.5	363
15	Ultrathin Nitrogenâ€Doped Carbon Layer Uniformly Supported on Graphene Frameworks as Ultrahighâ€Capacity Anode for Lithiumâ€Ion Full Battery. Small, 2018, 14, e1703969.	10.0	34
16	A three-dimensional graphene framework-enabled high-performance stretchable asymmetric supercapacitor. Journal of Materials Chemistry A, 2018, 6, 1802-1808.	10.3	48
17	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
18	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

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19	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
20	Dispersionâ€“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
21	Reversible 3D self-assembly of graphene oxide and stimuli-responsive polymers for high-performance graphene-based supercapacitors. Journal of Materials Chemistry A, 2017, 5, 19098-19106.	10.3	33
22	Solution Synthesis of Semiconducting Two-Dimensional Polymer via Trimerization of Carbonitrile. Journal of the American Chemical Society, 2017, 139, 11666-11669.	13.7	175
23	A facile synthesis of three dimensional graphene sponge composited with sulfur nanoparticles for flexible Liâ€“S cathodes. Physical Chemistry Chemical Physics, 2016, 18, 22146-22153.	2.8	63
24	Direct growth of nanographene at low temperature from carbon black for highly sensitive temperature detectors. Nanotechnology, 2016, 27, 505603.	2.6	10
25	Near room-temperature thermocatalysis: a promising avenue for the degradation of polyethylene using NiCoMnO₄ powders. RSC Advances, 2016, 6, 11829-11839.	3.6	8
26	Novel near room-temperature and/or light driven Fe-doped Sr2Bi2O5 photo/thermocatalyst for methylene blue degradation. Applied Catalysis A: General, 2015, 497, 216-224.	4.3	15
27	Preparation and Characterizations of Novel Near Room-Temperature Driven Fe/Sr₂Bi₂O₅ Thermocatalyst. Materials Science Forum, 2014, 804, 63-66.	0.3	0
28	Novel NiCoMnO4 thermocatalyst for low-temperature catalytic degradation of methylene blue. Journal of Molecular Catalysis A, 2014, 383-384, 1-9.	4.8	16
29	Thermocatalytic degradation of low density polyethylene films by responding to the actuation of heat. RSC Advances, 2014, 4, 41744-41752.	3.6	5