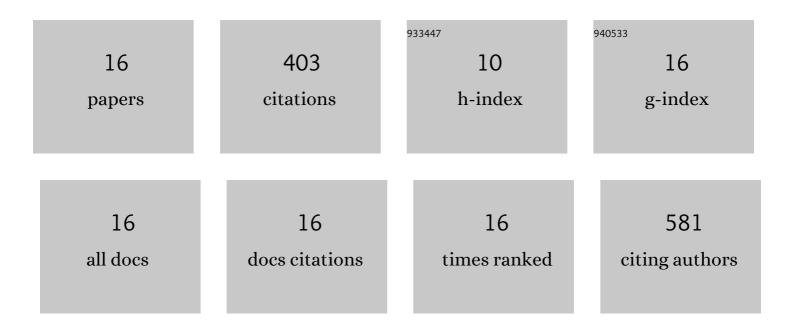
## **Xuliang Fan**

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	A general polymer-assisted strategy enables unexpected efficient metal-free oxygen-evolution catalysis on pure carbon nanotubes. Energy and Environmental Science, 2017, 10, 2312-2317.	30.8	113
2	MoC Quantum Dots@Nâ€Dopedâ€Carbon for Lowâ€Cost and Efficient Hydrogen Evolution Reaction: From Electrocatalysis to Photocatalysis. Advanced Functional Materials, 2022, 32, .	14.9	51
3	Ultrahigh energy fiber-shaped supercapacitors based on porous hollow conductive polymer composite fiber electrodes. Journal of Materials Chemistry A, 2018, 6, 12250-12258.	10.3	45
4	A general dissolution–recrystallization strategy to achieve sulfur-encapsulated carbon for an advanced lithium–sulfur battery. Journal of Materials Chemistry A, 2018, 6, 11664-11669.	10.3	38
5	Two-in-one integrated sulfur cathode with multifunctional multiwalled carbon nanotube/polyacrylic acid film for high -performance lithium sulfur batteries. Applied Surface Science, 2021, 541, 148497.	6.1	27
6	Boosting the polysulfides adsorption-catalysis process on carbon nanotube interlayer via a simple polyelectrolyte-assisted strategy for high-performance lithium sulfur batteries. Journal of Alloys and Compounds, 2022, 894, 162556.	5.5	25
7	Constructing crosslinked lithium polyacrylate/polyvinyl alcohol complex binder for high performance sulfur cathode in lithium-sulfur batteries. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 611, 125870.	4.7	16
8	SnS nanoparticles anchored on nitrogen-doped carbon sheets derived from metal-organic-framework precursors as anodes with enhanced electrochemical sodium ions storage. Electrochimica Acta, 2021, 387, 138535.	5.2	16
9	Easy encapsulation of Sn4P3 nanoparticles into honeycomb-like nitrogen-doped carbon matrix with enhanced electrochemical performance for Li-ion batteries. Journal of Alloys and Compounds, 2021, 871, 159531.	5.5	16
10	Electrochemical performance of microdisc-shaped carbon-coated lithium iron phosphate with preferentially exposed (010) planes in lithium sulfate aqueous solution. Electrochimica Acta, 2015, 158, 342-347.	5.2	11
11	Oxygen-defective MnO2 decorated carbon nanotube as an effective sulfur host for high performance lithium sulfur battery. Advanced Powder Technology, 2022, 33, 103396.	4.1	11
12	Longâ€Life and Highâ€Power Binderâ€Free Cathode Based on Oneâ€6tep Synthesis of Radical Polymers with Multiâ€Pendant Groups. Macromolecular Rapid Communications, 2018, 39, e1800195.	3.9	10
13	Constructing a LiPAA interface layer: a new strategy to suppress polysulfide migration and facilitate Li <sup>+</sup> transport for high-performance flexible Li–S batteries. Nanotechnology, 2020, 31, 095401.	2.6	9
14	A multi-functional model based on confined assembly of polyaniline on the surface of multiwalled carbon nanotubes as framework for high-performance lithium-sulfur battery. Electrochimica Acta, 2022, 415, 140267.	5.2	6
15	One-step electrochemical exfoliation-deposition of MnO2 anchoring on graphite nanosheets as an effective host material for high-performance sulfur cathode. Ionics, 2020, 26, 5279-5286.	2.4	5
16	Ionic liquid modified mesoporous silica (SAB-15) as an effective polysulfide reservoir for high-performance lithium sulfur batteries. Advanced Powder Technology, 2022, 33, 103530.	4.1	4