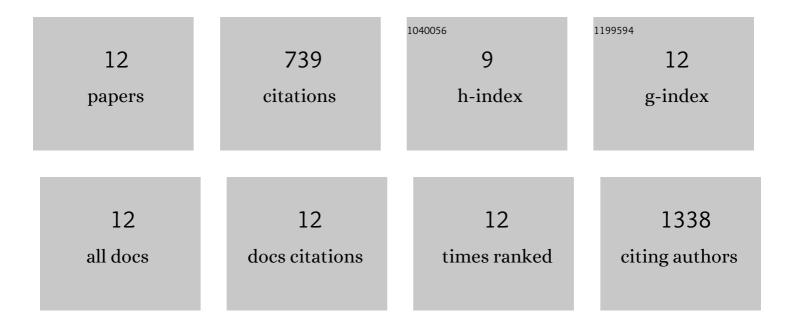
## Kai Sun

## List of Publications by Year in descending order

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KAL SILM

#	Article	IF	CITATIONS
1	Facile synthesis of ultrathin NiCo <sub>2</sub> S <sub>4</sub> nano-petals inspired by blooming buds for high-performance supercapacitors. Journal of Materials Chemistry A, 2017, 5, 7144-7152.	10.3	251
2	Flexible and Wearable Allâ€Solidâ€State Supercapacitors with Ultrahigh Energy Density Based on a Carbon Fiber Fabric Electrode. Advanced Energy Materials, 2017, 7, 1700409.	19.5	169
3	Freestanding flexible graphene foams@polypyrrole@MnO <sub>2</sub> electrodes for high-performance supercapacitors. Journal of Materials Chemistry A, 2016, 4, 9196-9203.	10.3	83
4	Nb <sub>2</sub> O <sub>5</sub> /RGO Nanocomposite Modified Separators with Robust Polysulfide Traps and Catalytic Centers for Boosting Performance of Lithium–Sulfur Batteries. Small, 2019, 15, e1902363.	10.0	83
5	Fabrication of hybrid Co3O4/NiCo2O4 nanosheets sandwiched by nanoneedles for high-performance supercapacitors using a novel electrochemical ion exchange. Science China Materials, 2017, 60, 1168-1178.	6.3	38
6	A Hierarchical Interconnected Nanosheet Structure of Porous δ-MnO <sub>2</sub> on Graphite Paper as Cathode with a Broad Potential Window for NaNO <sub>3</sub> Aqueous Electrolyte Supercapacitors. ACS Applied Energy Materials, 2020, 3, 2614-2622.	5.1	32
7	Ion-Selective Covalent Organic Framework Membranes as a Catalytic Polysulfide Trap to Arrest the Redox Shuttle Effect in Lithium–Sulfur Batteries. ACS Applied Materials & Interfaces, 2022, 14, 4079-4090.	8.0	32
8	Controlled Growth of Fine Multifilaments in Polymer-Based Memristive Devices Via the Conduction Control. ACS Applied Materials & amp; Interfaces, 2020, 12, 34370-34377.	8.0	23
9	Flexible all-solid-state ultrahigh-energy asymmetric supercapacitors based on tailored morphology of NiCoO <sub>2</sub> /Ni(OH) <sub>2</sub> /Co(OH) <sub>2</sub> electrodes. CrystEngComm, 2018, 20, 6519-6528.	2.6	14
10	A Novel Strategy for the Selection of Polysulfide Adsorbents Toward Highâ€Performance Lithiumâ€Sulfur Batteries. Advanced Materials Interfaces, 2019, 6, 1900393.	3.7	7
11	Sandwich-like SnS <sub>2</sub> /graphene multilayers for efficient lithium/sodium storage. Dalton Transactions, 2021, 50, 14884-14890.	3.3	6
12	The Synergy of La <sub>2</sub> O <sub>3</sub> Nanoparticles and Graphene for Advanced Liâ€S Batteries. ChemistrySelect, 2022, 7, .	1.5	1