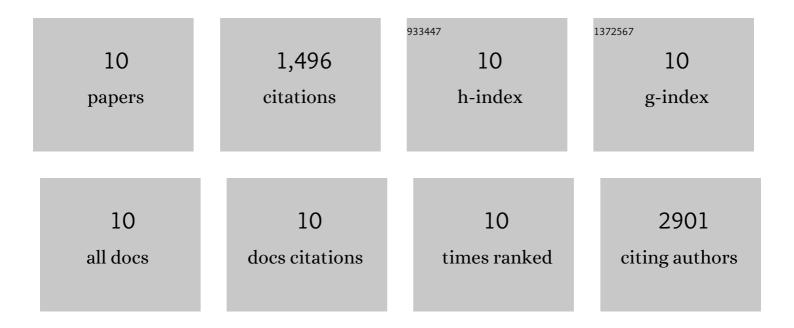
Xu Wang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Origami lithium-ion batteries. Nature Communications, 2014, 5, 3140.	12.8	466
2	Stress-driven lithium dendrite growth mechanism and dendrite mitigation by electroplating on soft substrates. Nature Energy, 2018, 3, 227-235.	39.5	353
3	Kirigami-based stretchable lithium-ion batteries. Scientific Reports, 2015, 5, 10988.	3.3	240
4	Artificial phototropism for omnidirectional tracking and harvesting of light. Nature Nanotechnology, 2019, 14, 1048-1055.	31.5	191
5	Foodâ€Materialsâ€Based Edible Supercapacitors. Advanced Materials Technologies, 2016, 1, 1600059.	5.8	81
6	Foodâ€Based Edible and Nutritive Electronics. Advanced Materials Technologies, 2017, 2, 1700181.	5.8	61
7	Microscale Silicon Origami. Small, 2016, 12, 5401-5406.	10.0	34
8	A Simultaneous Multiscale and Multiphysics Model and Numerical Implementation of a Core-Shell Model for Lithium-Ion Full-Cell Batteries. Journal of Applied Mechanics, Transactions ASME, 2019, 86, .	2.2	33
9	Quantifying Electrochemical Reactions and Properties of Amorphous Silicon in a Conventional Lithium-Ion Battery Configuration. Chemistry of Materials, 2017, 29, 5831-5840.	6.7	26
10	Design of origami fin for heat dissipation enhancement. Applied Thermal Engineering, 2018, 145, 674-684.	6.0	11