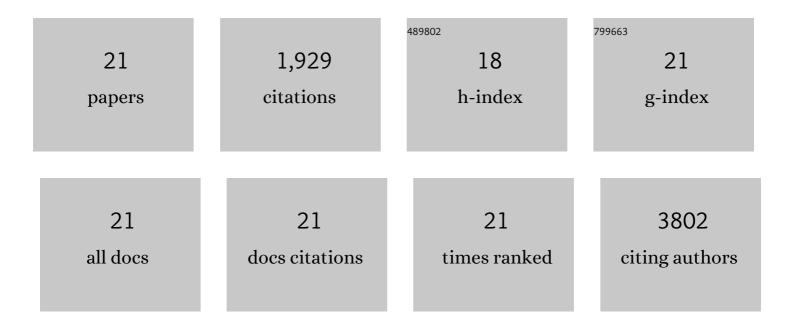
## Sara Abouali

List of Publications by Year in descending order

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SADA ABOUALI

#	Article	IF	CITATIONS
1	Scalable spray-coated graphene-based electrodes for high-power electrochemical double-layer capacitors operating over a wide range of temperature. Energy Storage Materials, 2021, 34, 1-11.	9.5	61
2	From scaled-up production of silicon-graphene nanocomposite to the realization of an ultra-stable full-cell Li-ion battery. 2D Materials, 2021, 8, 035014.	2.0	15
3	3D printed silicon-few layer graphene anode for advanced Li-ion batteries. RSC Advances, 2021, 11, 35051-35060.	1.7	13
4	<i>In situ</i> TEM study of lithiation into a PPy coated α-MnO <sub>2</sub> /graphene foam freestanding electrode. Materials Chemistry Frontiers, 2018, 2, 1481-1488.	3.2	16
5	Heterogeneous, mesoporous NiCo <sub>2</sub> O <sub>4</sub> –MnO <sub>2</sub> /graphene foam for asymmetric supercapacitors with ultrahigh specific energies. Journal of Materials Chemistry A, 2017, 5, 3547-3557.	5.2	106
6	Enhanced conversion reaction kinetics in low crystallinity SnO <sub>2</sub> /CNT anodes for Na-ion batteries. Journal of Materials Chemistry A, 2016, 4, 10964-10973.	5.2	111
7	Study of lithiation mechanisms of high performance carbon-coated Si anodes by in-situ microscopy. Energy Storage Materials, 2016, 3, 45-54.	9.5	47
8	Electrospun graphitic carbon nanofibers with in-situ encapsulated Co–Ni nanoparticles as freestanding electrodes for Li–O2 batteries. Carbon, 2016, 100, 329-336.	5.4	79
9	Carbon-coated mesoporous silicon microsphere anodes with greatly reduced volume expansion. Journal of Materials Chemistry A, 2016, 4, 6098-6106.	5.2	81
10	NiCo2O4/CNT nanocomposites as bi-functional electrodes for Li ion batteries and supercapacitors. Carbon, 2016, 102, 262-272.	5.4	127
11	Porous graphene oxide/carbon nanotube hybrid films as interlayer for lithium-sulfur batteries. Carbon, 2016, 99, 624-632.	5.4	246
12	Electrospun Carbon Nanofibers with in Situ Encapsulated Co <sub>3</sub> O <sub>4</sub> Nanoparticles as Electrodes for High-Performance Supercapacitors. ACS Applied Materials & Interfaces, 2015, 7, 13503-13511.	4.0	199
13	Novel interlayer made from Fe3C/carbon nanofiber webs for high performance lithium–sulfur batteries. Journal of Power Sources, 2015, 285, 43-50.	4.0	178
14	Controlled synthesis of cobalt carbonate/graphene composites with excellent supercapacitive performance and pseudocapacitive characteristics. Journal of Materials Chemistry A, 2015, 3, 17827-17836.	5.2	48
15	In-situ TEM examination and exceptional long-term cyclic stability of ultrafine Fe3O4 nanocrystal/carbon nanofiber composite electrodes. Energy Storage Materials, 2015, 1, 25-34.	9.5	46
16	Correlation Between Atomic Structure and Electrochemical Performance of Anodes Made from Electrospun Carbon Nanofiber Films. Advanced Energy Materials, 2014, 4, 1301448.	10.2	133
17	Exceptional rate performance of functionalized carbon nanofiber anodes containing nanopores created by (Fe) sacrificial catalyst. Nano Energy, 2014, 4, 88-96.	8.2	94
18	Nanocavity-engineered Si/multi-functional carbon nanofiber composite anodes with exceptional high-rate capacities. Journal of Materials Chemistry A, 2014, 2, 17944-17951.	5.2	42

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#	Article	IF	CITATIONS
19	Cobalt Carbonate/ and Cobalt Oxide/Graphene Aerogel Composite Anodes for High Performance Li-Ion Batteries. ACS Applied Materials & Interfaces, 2014, 6, 18971-18980.	4.0	135
20	Carbon nanofibers containing Si nanoparticles and graphene-covered Ni for high performance anodes in Li ion batteries. RSC Advances, 2014, 4, 22359-22366.	1.7	37
21	Co <sub>3</sub> O <sub>4</sub> /porous electrospun carbon nanofibers as anodes for high performance Li-ion batteries. Journal of Materials Chemistry A, 2014, 2, 16939-16944.	5.2	115