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List of Publications by Year
in descending order

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25 papers	5,654 citations	257101 24 h-index	580395 25 g-index
25 all docs	25 docs citations	25 times ranked	7502 citing authors

#	Article	IF	Citations
1	Interconnected Carbon Nanosheets Derived from Hemp for Ultrafast Supercapacitors with High Energy. ACS Nano, 2013, 7, 5131-5141.	7.3	869
2	Carbon Nanosheet Frameworks Derived from Peat Moss as High Performance Sodium Ion Battery Anodes. ACS Nano, 2013, 7, 11004-11015.	7.3	813
3	High-Density Sodium and Lithium Ion Battery Anodes from Banana Peels. ACS Nano, 2014, 8, 7115-7129.	7.3	779
4	Peanut shell hybrid sodium ion capacitor with extreme energyâ€“power rivals lithium ion capacitors. Energy and Environmental Science, 2015, 8, 941-955.	15.6	740
5	Nanocrystalline anatase TiO2: a new anode material for rechargeable sodium ion batteries. Chemical Communications, 2013, 49, 8973.	2.2	348
6	Anodes for Sodium Ion Batteries Based on Tinâ€“Germaniumâ€“Antimony Alloys. ACS Nano, 2014, 8, 4415-4429.	7.3	309
7	Hybrid Device Employing Three-Dimensional Arrays of MnO in Carbon Nanosheets Bridges Batteryâ€“Supercapacitor Divide. Nano Letters, 2014, 14, 1987-1994.	4.5	276
8	Origin of non-SEI related coulombic efficiency loss in carbons tested against Na and Li. Journal of Materials Chemistry A, 2014, 2, 19685-19695.	5.2	179
9	ALD TiO2 coated silicon nanowires for lithium ion battery anodes with enhanced cycling stability and coulombic efficiency. Physical Chemistry Chemical Physics, 2013, 15, 13646.	1.3	156
10	Si nanotubes ALD coated with TiO₂, TiN or Al₂O₃as high performance lithium ion battery anodes. Journal of Materials Chemistry A, 2014, 2, 2504-2516.	5.2	139
11	A comparative study of oxide scales grown on stainless steel and nickel-based superalloys in ultra-high temperature supercritical water at 800 Â°C. Corrosion Science, 2016, 106, 188-207.	3.0	121
12	Activation with Li Enables Facile Sodium Storage in Germanium. Nano Letters, 2014, 14, 5873-5882.	4.5	116
13	Silicon nanowire lithium-ion battery anodes with ALD deposited TiN coatings demonstrate a major improvement in cycling performance. Journal of Materials Chemistry A, 2013, 1, 12850.	5.2	114
14	Ptâ€“Auâ€“Co Alloy Electrocatalysts Demonstrating Enhanced Activity and Durability toward the Oxygen Reduction Reaction. ACS Catalysis, 2015, 5, 1513-1524.	5.5	106
15	Sulfur Refines MoO₂ Distribution Enabling Improved Lithium Ion Battery Performance. Journal of Physical Chemistry C, 2014, 118, 18387-18396.	1.5	100
16	Sodiation vs. lithiation phase transformations in a high rate â€“ high stability SnO₂ in carbon nanocomposite. Journal of Materials Chemistry A, 2015, 3, 7100-7111.	5.2	100
17	Silicon nanowire core aluminum shell coaxial nanocomposites for lithium ion battery anodes grown with and without a TiN interlayer. Journal of Materials Chemistry, 2012, 22, 6655.	6.7	78
18	Nanometer-scale Sn coatings improve the performance of silicon nanowire LIB anodes. Journal of Materials Chemistry A, 2014, 2, 11261.	5.2	63

#	Article	IF	Citations
19	Magnesium and magnesium-silicide coated silicon nanowire composite anodes for lithium-ion batteries. Journal of Materials Chemistry A, 2013, 1, 1600-1612.	5.2	52
20	A comparative study on the oxidation of austenitic alloys 304 and 304-oxide dispersion strengthened steel in supercritical water at 650 Â°C. Journal of Supercritical Fluids, 2017, 119, 245-260.	1.6	43
21	Corrosion behavior of alloy 316L stainless steel after exposure to supercritical water at 500 Â°C for 20,000 h. Journal of Supercritical Fluids, 2017, 127, 191-199.	1.6	40
22	Internal oxidation and crack susceptibility of alloy 310S stainless steel after long term exposure to supercritical water at 500Â°C. Journal of Supercritical Fluids, 2017, 120, 161-172.	1.6	34
23	Array geometry dictates electrochemical performance of Ge nanowire lithium ion battery anodes. Journal of Materials Chemistry A, 2014, 2, 16770-16785.	5.2	32
24	Characterization of oxide scales grown on alloy 310S stainless steel after long term exposure to supercritical water at 500 Â°C. Materials Characterization, 2016, 120, 273-284.	1.9	31
25	Characterization of oxide layer and micro-crack initiation in alloy 316L stainless steel after 20,000 h exposure to supercritical water at 500 Â°C. Materials Characterization, 2017, 131, 532-543.	1.9	16