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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	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
2	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
3	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
4	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
5	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
6	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
7	Ptâ€“Auâ€“Co Alloy Electrocatalysts Demonstrating Enhanced Activity and Durability toward the Oxygen Reduction Reaction. ACS Catalysis, 2015, 5, 1513-1524.	5.5	106
8	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
9	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
10	Anodes for Sodium Ion Batteries Based on Tinâ€“Germaniumâ€“Antimony Alloys. ACS Nano, 2014, 8, 4415-4429.	7.3	309
11	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
12	Array geometry dictates electrochemical performance of Ge nanowire lithium ion battery anodes. Journal of Materials Chemistry A, 2014, 2, 16770-16785.	5.2	32
13	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
14	Activation with Li Enables Facile Sodium Storage in Germanium. Nano Letters, 2014, 14, 5873-5882.	4.5	116
15	Sulfur Refines MoO₂ Distribution Enabling Improved Lithium Ion Battery Performance. Journal of Physical Chemistry C, 2014, 118, 18387-18396.	1.5	100
16	Nanometer-scale Sn coatings improve the performance of silicon nanowire LIB anodes. Journal of Materials Chemistry A, 2014, 2, 11261.	5.2	63
17	Hybrid Device Employing Three-Dimensional Arrays of MnO in Carbon Nanosheets Bridges Batteryâ€“Supercapacitor Divide. Nano Letters, 2014, 14, 1987-1994.	4.5	276
18	High-Density Sodium and Lithium Ion Battery Anodes from Banana Peels. ACS Nano, 2014, 8, 7115-7129.	7.3	779

#	Article	IF	Citations
19	Nanocrystalline anatase TiO2: a new anode material for rechargeable sodium ion batteries. Chemical Communications, 2013, 49, 8973.	2.2	348
20	Carbon Nanosheet Frameworks Derived from Peat Moss as High Performance Sodium Ion Battery Anodes. ACS Nano, 2013, 7, 11004-11015.	7.3	813
21	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
22	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
23	Interconnected Carbon Nanosheets Derived from Hemp for Ultrafast Supercapacitors with High Energy. ACS Nano, 2013, 7, 5131-5141.	7.3	869
24	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
25	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