

# Xianfen Wang

## List of Publications by Year in descending order

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13  
papers

1,773  
citations

840776

11  
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1125743

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13  
docs citations

13  
times ranked

3803  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudocapacitance of MXene nanosheets for high-power sodium-ion hybrid capacitors. <i>Nature Communications</i> , 2015, 6, 6544.	12.8	873
2	Electrode Properties of $\text{P}_2\text{Na}_{2/3}\text{Mn}_y\text{Co}_{1-y}\text{O}_2$ as Cathode Materials for Sodium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2013, 117, 15545-15551.	3.1	174
3	High-Yield Synthesis of Boron Nitride Nanosheets with Strong Ultraviolet Cathodoluminescence Emission. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15160-15165.	3.1	168
4	Role of Ligand-to-Metal Charge Transfer in O <sub>3</sub> -Type $\text{NaFeO}_2$ – $\text{NaNiO}_2$ Solid Solution for Enhanced Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2970-2976.	3.1	137
5	Magnetic ( $\text{Fe}_2\text{O}_3$ @ $\text{SiO}_2$ )@ $\text{TiO}_2$ Functional Hybrid Nanoparticles with Activated Photocatalytic Ability. <i>Journal of Physical Chemistry C</i> , 2009, 113, 4008-4011.	3.1	111
6	Layered $\text{Na}_2\text{RuO}_3$ as a cathode material for Na-ion batteries. <i>Electrochemistry Communications</i> , 2013, 33, 23-26.	4.7	92
7	Effects of diamond-FET-based RNA aptamer sensing for detection of real sample of HIV-1 Tat protein. <i>Biosensors and Bioelectronics</i> , 2013, 40, 277-282.	10.1	83
8	Higher coverage of carboxylic acid groups on oxidized single crystal diamond (001). <i>Diamond and Related Materials</i> , 2011, 20, 1319-1324.	3.9	43
9	Effective Surface Functionalization of Nanocrystalline Diamond Films by Direct Carboxylation for PDGF Detection via Aptasensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3526-3534.	8.0	31
10	Temperature Dependent Local Structure of $\text{Na}_x\text{CoO}_2$ Cathode Material for Rechargeable Sodium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4227-4232.	3.1	26
11	Iron–Oxalato Framework with One-Dimensional Open Channels for Electrochemical Sodium-Ion Intercalation. <i>Chemistry - A European Journal</i> , 2015, 21, 1096-1101.	3.3	22
12	Human immunodeficiency virus trans-activator of transcription peptide detection via ribonucleic acid aptamer on aminated diamond biosensor. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	10
13	High Priority of Nanocrystalline Diamond as a Biosensing Platform. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090125.	1.5	3