

Xianfen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,773
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

3803
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Temperature Dependent Local Structure of Na _x CoO ₂ Cathode Material for Rechargeable Sodium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4227-4232. | 3.1 | 26 |
| 2 | Pseudocapacitance of MXene nanosheets for high-power sodium-ion hybrid capacitors. <i>Nature Communications</i> , 2015, 6, 6544. | 12.8 | 873 |
| 3 | Iron ^{II} 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 |
| 4 | Role of Ligand-to-Metal Charge Transfer in O ₃ -Type NaFeO ₂ –NaNiO ₂ Solid Solution for Enhanced Electrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 2970-2976. | 3.1 | 137 |
| 5 | Electrode Properties of P ₂ –Na _{2/3} Mn _y Co _{1–y} O ₂ as Cathode Materials for Sodium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2013, 117, 15545-15551. | 3.1 | 174 |
| 6 | Layered Na ₂ 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 | Effective Surface Functionalization of Nanocrystalline Diamond Films by Direct Carboxylation for PDGF Detection via Aptasensor. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3526-3534. | 8.0 | 31 |
| 9 | High Priority of Nanocrystalline Diamond as a Biosensing Platform. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 090125. | 1.5 | 3 |
| 10 | 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 |
| 11 | 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 |
| 12 | Magnetic (Fe ₂ O ₃ @SiO ₂) _n @TiO ₂ Functional Hybrid Nanoparticles with Activated Photocatalytic Ability. <i>Journal of Physical Chemistry C</i> , 2009, 113, 4008-4011. | 3.1 | 111 |
| 13 | 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 |