

Yan Wang

List of Publications by Year in descending order

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16
papers

761
citations

643344

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1051228

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docs citations

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1577
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Site-specific chemical doping reveals electron atmospheres at the surfaces of organic semiconductor crystals. <i>Nature Materials</i> , 2021, 20, 1532-1538. | 13.3 | 21 |
| 2 | Self-Aligned Capillarity-Assisted Printing of High Aspect Ratio Flexible Metal Conductors: Optimizing Ink Flow, Plating, and Mechanical Adhesion. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 22107-22122. | 1.8 | 8 |
| 3 | Field Effect Modulation of Electrocatalytic Hydrogen Evolution at Back-Gated Two-Dimensional MoS ₂ Electrodes. <i>Nano Letters</i> , 2019, 19, 6118-6123. | 4.5 | 40 |
| 4 | Gate-Tuned Insulator-Metal Transition in Electrolyte-Gated Transistors Based on Tellurene. <i>Nano Letters</i> , 2019, 19, 4738-4744. | 4.5 | 48 |
| 5 | Continuous and Reversible Tuning of Electrochemical Reaction Kinetics on Back-Gated 2D Semiconductor Electrodes: Steady-State Analysis Using a Hydrodynamic Method. <i>Analytical Chemistry</i> , 2019, 91, 1627-1635. | 3.2 | 15 |
| 6 | Transfer Printing of Sub-5 μ m Graphene Electrodes for Flexible Microsupercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22303-22310. | 4.0 | 34 |
| 7 | Field Effect Modulation of Heterogeneous Charge Transfer Kinetics at Back-Gated Two-Dimensional MoS ₂ Electrodes. <i>Nano Letters</i> , 2017, 17, 7586-7592. | 4.5 | 27 |
| 8 | Fabrication of conductive copper patterns using reactive inkjet printing followed by two-step electroless plating. <i>Applied Surface Science</i> , 2017, 396, 202-207. | 3.1 | 44 |
| 9 | Combined effect of graphene oxide and MWCNTs on microwave absorbing performance of epoxy composites. <i>Polymers for Advanced Technologies</i> , 2015, 26, 620-625. | 1.6 | 17 |
| 10 | Mild solution synthesis of graphene loaded with LiFePO ₄ -C nanoplatelets for high performance lithium ion batteries. <i>New Journal of Chemistry</i> , 2015, 39, 1094-1100. | 1.4 | 23 |
| 11 | Diazonium functionalization of graphene nanosheets and impact response of aniline modified graphene/bismaleimide nanocomposites. <i>Materials & Design</i> , 2014, 53, 466-474. | 5.1 | 90 |
| 12 | Synthesis and electrocatalytic alcohol oxidation performance of Pd-Co bimetallic nanoparticles supported on graphene. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 1325-1335. | 3.8 | 102 |
| 13 | Pd/Cu bimetallic nanoparticles supported on graphene nanosheets: Facile synthesis and application as novel electrocatalyst for ethanol oxidation in alkaline media. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 14669-14679. | 3.8 | 101 |
| 14 | Palladium nanoparticles supported on reduced graphene oxide: Facile synthesis and highly efficient electrocatalytic performance for methanol oxidation. <i>Thin Solid Films</i> , 2013, 544, 88-92. | 0.8 | 31 |
| 15 | Electrophoretic deposition of graphene oxide as a corrosion inhibitor for sintered NdFeB. <i>Applied Surface Science</i> , 2013, 279, 416-423. | 3.1 | 120 |
| 16 | Preparation of Ni-reduced graphene oxide nanocomposites by Pd-activated electroless deposition and their magnetic properties. <i>Applied Surface Science</i> , 2012, 258, 8603-8608. | 3.1 | 40 |