

Phong Nguyen

List of Publications by Year in descending order

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11
papers

706
citations

933447

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h-index

1281871

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docs citations

11
times ranked

1896
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Controlled, Defect-Guided, Metal-Nanoparticle Incorporation onto MoS ₂ via Chemical and Microwave Routes: Electrical, Thermal, and Structural Properties. <i>Nano Letters</i> , 2013, 13, 4434-4441. | 9.1 | 281 |
| 2 | Graphene Interfaced with Biological Cells: Opportunities and Challenges. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 1024-1029. | 4.6 | 113 |
| 3 | Large-Area, Transfer-Free, Oxide-Assisted Synthesis of Hexagonal Boron Nitride Films and Their Heterostructures with MoS ₂ and WS ₂ . <i>Journal of the American Chemical Society</i> , 2015, 137, 13060-13065. | 13.7 | 110 |
| 4 | Retained Carrier-Mobility and Enhanced Plasmonic-Photovoltaics of Graphene via ring-centered Γ -6 Functionalization and Nanointerfacing. <i>Nano Letters</i> , 2017, 17, 4381-4389. | 9.1 | 39 |
| 5 | Cancer Cell Hyperactivity and Membrane Dipolarity Monitoring via Raman Mapping of Interfaced Graphene: Toward Non-Invasive Cancer Diagnostics. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32717-32722. | 8.0 | 32 |
| 6 | Chemical Interaction-Guided, Metal-Free Growth of Large-Area Hexagonal Boron Nitride on Silicon-Based Substrates. <i>ACS Nano</i> , 2017, 11, 4985-4994. | 14.6 | 30 |
| 7 | Graphene Quantum Dots Interfaced with Single Bacterial Spore for Bio-Electromechanical Devices: A Graphene Cytobot. <i>Scientific Reports</i> , 2015, 5, 9138. | 3.3 | 27 |
| 8 | Covalent Functionalization of Dipole-Modulating Molecules on Trilayer Graphene: An Avenue for Graphene-Interfaced Molecular Machines. <i>Small</i> , 2013, 9, 3823-3828. | 10.0 | 24 |
| 9 | WS ₂ /Silicon Heterojunction Solar Cells: A CVD Process for the Fabrication of WS ₂ Films on p-Si Substrates for Photovoltaic and Spectral Responses. <i>IEEE Nanotechnology Magazine</i> , 2017, 11, 33-38. | 1.3 | 21 |
| 10 | Electrical Transport and Network Percolation in Graphene and Boron Nitride Mixed-Platelet Structures. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8721-8727. | 8.0 | 18 |
| 11 | Intergrain Diffusion of Carbon Radical for Wafer-Scale, Direct Growth of Graphene on Silicon-Based Dielectrics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26517-26525. | 8.0 | 11 |