

# Phong Nguyen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12103887/publications.pdf>

Version: 2024-02-01

11  
papers

706  
citations

933447

10  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intergrain Diffusion of Carbon Radical for Wafer-Scale, Direct Growth of Graphene on Silicon-Based Dielectrics. ACS Applied Materials & Interfaces, 2018, 10, 26517-26525.	8.0	11
2	Chemical Interaction-Guided, Metal-Free Growth of Large-Area Hexagonal Boron Nitride on Silicon-Based Substrates. ACS Nano, 2017, 11, 4985-4994.	14.6	30
3	WS <sub>2</sub> /Silicon Heterojunction Solar Cells: A CVD Process for the Fabrication of WS <sub>2</sub> Films on p-Si Substrates for Photovoltaic and Spectral Responses. IEEE Nanotechnology Magazine, 2017, 11, 33-38.	1.3	21
4	Retained Carrier-Mobility and Enhanced Plasmonic-Photovoltaics of Graphene via ring-centered $\Gamma_6$ Functionalization and Nanointerfacing. Nano Letters, 2017, 17, 4381-4389.	9.1	39
5	Electrical Transport and Network Percolation in Graphene and Boron Nitride Mixed-Platelet Structures. ACS Applied Materials & Interfaces, 2016, 8, 8721-8727.	8.0	18
6	Cancer Cell Hyperactivity and Membrane Dipolarity Monitoring via Raman Mapping of Interfaced Graphene: Toward Non-Invasive Cancer Diagnostics. ACS Applied Materials & Interfaces, 2016, 8, 32717-32722.	8.0	32
7	Graphene Quantum Dots Interfaced with Single Bacterial Spore for Bio-Electromechanical Devices: A Graphene Cytobot. Scientific Reports, 2015, 5, 9138.	3.3	27
8	Large-Area, Transfer-Free, Oxide-Assisted Synthesis of Hexagonal Boron Nitride Films and Their Heterostructures with MoS <sub>2</sub> and WS <sub>2</sub> . Journal of the American Chemical Society, 2015, 137, 13060-13065.	13.7	110
9	Controlled, Defect-Guided, Metal-Nanoparticle Incorporation onto MoS <sub>2</sub> via Chemical and Microwave Routes: Electrical, Thermal, and Structural Properties. Nano Letters, 2013, 13, 4434-4441.	9.1	281
10	Covalent Functionalization of Dipole-Modulating Molecules on Trilayer Graphene: An Avenue for Graphene-Interfaced Molecular Machines. Small, 2013, 9, 3823-3828.	10.0	24
11	Graphene Interfaced with Biological Cells: Opportunities and Challenges. Journal of Physical Chemistry Letters, 2012, 3, 1024-1029.	4.6	113