

Giang D Nguyen

List of Publications by Year in descending order

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25
papers

1,082
citations

471371

17
h-index

610775

24
g-index

25
all docs

25
docs citations

25
times ranked

2093
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-Specific Substitutional Boron Doping of Semiconducting Armchair Graphene Nanoribbons. <i>Journal of the American Chemical Society</i> , 2015, 137, 8872-8875.	6.6	213
2	Atomically precise graphene nanoribbon heterojunctions from a single molecular precursor. <i>Nature Nanotechnology</i> , 2017, 12, 1077-1082.	15.6	162
3	Bottom-Up Synthesis of $N = 13$ Sulfur-Doped Graphene Nanoribbons. <i>Journal of Physical Chemistry C</i> , 2016, 120, 2684-2687.	1.5	119
4	Visualization and manipulation of magnetic domains in the quasi-two-dimensional material $F_{e_3}GeT_2$. <i>Physical Review Letters</i> , 2018, 121, 086101.	11	74
5	3D Imaging and Manipulation of Subsurface Selenium Vacancies in $PdSe_2$. <i>Physical Review Letters</i> , 2018, 121, 086101.	2.9	66
6	Facile Fabrication of Large Area Atomically Thin Membranes by Direct Synthesis of Graphene with Nanoscale Porosity. <i>Advanced Materials</i> , 2018, 30, e1804977.	11.1	56
7	Molecular Self-Assembly in a Poorly Screened Environment: F_4TCNQ on Graphene/BN. <i>ACS Nano</i> , 2015, 9, 12168-12173.	7.3	45
8	Length-Dependent Evolution of Type II Heterojunctions in Bottom-Up-Synthesized Graphene Nanoribbons. <i>Nano Letters</i> , 2019, 19, 3221-3228.	4.5	41
9	Detection of the Spin-Chemical Potential in Topological Insulators Using Spin-Polarized Four-Probe STM. <i>Physical Review Letters</i> , 2017, 119, 137202.	2.9	34
10	Atomic Scale Manipulation and In Situ Characterization with Scanning Tunneling Microscopy. <i>Advanced Functional Materials</i> , 2019, 29, 1903770.	7.8	33
11	Concentration Dependence of Dopant Electronic Structure in Bottom-up Graphene Nanoribbons. <i>Nano Letters</i> , 2018, 18, 3550-3556.	4.5	31
12	Polymer Dots with Enhanced Photostability, Quantum Yield, and Two-Photon Cross-Section using Structurally Constrained Deep-Blue Fluorophores. <i>Journal of the American Chemical Society</i> , 2021, 143, 16976-16992.	6.6	29
13	Revealing the Local Electronic Structure of a Single-Layer Covalent Organic Framework through Electronic Decoupling. <i>Nano Letters</i> , 2020, 20, 963-970.	4.5	28
14	Defects in Highly Anisotropic Transition-Metal Dichalcogenide $PdSe_2$. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 740-746.	2.1	28
15	Self-Assembly and Photomechanical Switching of an Azobenzene Derivative on GaAs(110): Scanning Tunneling Microscopy Study. <i>Journal of Physical Chemistry C</i> , 2012, 116, 1052-1055.	1.5	22
16	Atomically Precise $PdSe_2$ Pentagonal Nanoribbons. <i>ACS Nano</i> , 2020, 14, 1951-1957.	7.3	21
17	Infrared Spectroscopy of Molecular Submonolayers on Surfaces by Infrared Scanning Tunneling Microscopy: Tetramantane on Au(111). <i>Physical Review Letters</i> , 2013, 111, 126101.	2.9	18
18	Design of High-Performance Thermally Activated Delayed Fluorescence Emitters Containing <i>s</i> -Triazine and <i>s</i> -Heptazine with Molecular Orbital Visualization by STM. <i>Chemistry of Materials</i> , 2022, 34, 2624-2635.	3.2	17

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19	Accessing the Intrinsic Spin Transport in a Topological Insulator by Controlling the Crossover of Bulk-to-Surface Conductance. <i>Physical Review Letters</i> , 2018, 121, 176801.	2.9	15
20	Interlayer magnetism in FeTe_3 . <i>Physical Review Materials</i> , 2020, 4, .	0.9	0
21	Intermolecular interactions and substrate effects for an adamantane monolayer on a Au(111) surface. <i>Physical Review B</i> , 2013, 88, .	1.1	6
22	Tip-induced local strain on MoS_2 detected by inelastic electron tunneling spectroscopy. <i>Physical Review B</i> , 2018, 97, .	1.1	6
23	Local superconductivity in vanadium iron arsenide. <i>Physical Review B</i> , 2019, 100, .	1.1	5
24	Emerging edge states on the surface of the epitaxial semimetal CuMnAs thin film. <i>Applied Physics Letters</i> , 2020, 116, 061603.	1.5	1
25	MOMENTUM ENTANGLEMENT OF PHOTON-EXCITON. <i>International Journal of Quantum Information</i> , 2009, 07, 1321-1330.	0.6	0