

Ying Ying Wang

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

5,151
citations

19
h-index

37
g-index

37
ext. papers

5,718
ext. citations

6
avg, IF

5.2
L-index

#	Paper	IF	Citations
33	Raman spectroscopy studies of black phosphorus.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 271, 120861	4.4	3
32	Photo-oxidation Dynamics in GaSe Flakes Probed through Temporal Evolution of Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 25608-25614	3.8	1
31	Molybdenum Oxide/Tungsten Oxide Nano-heterojunction with Improved Surface-Enhanced Raman Scattering Performance. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 33345-33353	9.5	3
30	Novel synthesis method and microstructure evolution of Ti3C2(OH)2/K2Ti8O17 nanocomposites as an effective surface enhanced Raman scattering substrate. <i>Ceramics International</i> , 2021 , 47, 19864-19872	5.1	1
29	Tunable anisotropy in ReS2 flakes achieved by Ar+ ion bombardment probed by polarized Raman spectroscopy. <i>Applied Physics Letters</i> , 2021 , 119, 053104	3.4	0
28	Atomically flat HfO2 layer fabricated by mild oxidation HfS2 with controlled number of layers. <i>Journal of Applied Physics</i> , 2020 , 127, 214303	2.5	3
27	Polarization-Sensitive Self-Powered Type-II GeSe/MoS van der Waals Heterojunction Photodetector. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 15406-15413	9.5	61
26	Temperature-dependent Raman spectroscopy studies of 18-layer WSe2. <i>Nano Research</i> , 2020 , 13, 591-595	5.5	18
25	Measurement of interfacial thermal conductance of few-layer MoS2 supported on different substrates using Raman spectroscopy. <i>Journal of Applied Physics</i> , 2020 , 127, 104301	2.5	16
24	Interference Effect on Photoluminescence Intensity in GaSe up to 200 Layers. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 10185-10191	3.8	7
23	Raman intensity enhancement of molecules adsorbed onto HfS flakes up to 200 layers. <i>Nanoscale</i> , 2019 , 11, 2179-2185	7.7	12
22	Determination of concentration of adsorbed molecules by Raman spectroscopy and optical imaging. <i>Journal of Applied Physics</i> , 2019 , 125, 244305	2.5	1
21	In-plane optical anisotropy in ReS flakes determined by angle-resolved polarized optical contrast spectroscopy. <i>Nanoscale</i> , 2019 , 11, 20199-20205	7.7	19
20	Raman spectroscopy study of twisted tetralayer graphene. <i>Journal of Raman Spectroscopy</i> , 2016 , 47, 668-673	2.3	4
19	Structural evolution in CVD graphene chemically oxidized by sulphuric acid. <i>Journal of Raman Spectroscopy</i> , 2015 , 46, 283-286	2.3	4
18	Thickness identification of two-dimensional materials by optical imaging. <i>Nanotechnology</i> , 2012 , 23, 4953-4957	7.13	77
17	Uniform Decoration of Reduced Graphene Oxide Sheets with Gold Nanoparticles. <i>Journal of Nanotechnology</i> , 2012 , 2012, 1-8	3.5	26

16	Room temperature ferromagnetism in partially hydrogenated epitaxial graphene. <i>Applied Physics Letters</i> , 2011 , 98, 193113	3.4	115
15	Large-Scale Synthesis of Bi-layer Graphene in Strongly Coupled Stacking Order. <i>Advanced Functional Materials</i> , 2011 , 21, 911-917	15.6	85
14	Stacking-dependent optical conductivity of bilayer graphene. <i>ACS Nano</i> , 2010 , 4, 4074-80	16.7	122
13	Fabrication of graphene nanogap with crystallographically matching edges and its electron emission properties. <i>Applied Physics Letters</i> , 2010 , 96, 023106	3.4	43
12	Gold on graphene as a substrate for surface enhanced Raman scattering study. <i>Applied Physics Letters</i> , 2010 , 97, 163111	3.4	73
11	FeCl ₃ -Based Few-Layer Graphene Intercalation Compounds: Single Linear Dispersion Electronic Band Structure and Strong Charge Transfer Doping. <i>Advanced Functional Materials</i> , 2010 , 20, 3504-3509	15.6	138
10	The effect of vacuum annealing on graphene. <i>Journal of Raman Spectroscopy</i> , 2010 , 41, 479-483	2.3	194
9	Probing layer number and stacking order of few-layer graphene by Raman spectroscopy. <i>Small</i> , 2010 , 6, 195-200	11	521
8	G-band Raman double resonance in twisted bilayer graphene: Evidence of band splitting and folding. <i>Physical Review B</i> , 2009 , 80,	3.3	104
7	Raman Mapping Investigation of Graphene on Transparent Flexible Substrate: The Strain Effect. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 12602-12605	3.8	226
6	Raman Studies of Monolayer Graphene: The Substrate Effect. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 10637-10640	3.8	567
5	Uniaxial strain on graphene: Raman spectroscopy study and band-gap opening. <i>ACS Nano</i> , 2008 , 2, 2301-2307	56.7	1231
4	Interference enhancement of Raman signal of graphene. <i>Applied Physics Letters</i> , 2008 , 92, 043121	3.4	263
3	Raman spectroscopy and imaging of graphene. <i>Nano Research</i> , 2008 , 1, 273-291	10	989
2	Reduction of Fermi velocity in folded graphene observed by resonance Raman spectroscopy. <i>Physical Review B</i> , 2008 , 77,	3.3	223
1	High-sensitive detection of fluorene by ambient ionization mass spectrometry. <i>New Journal of Chemistry</i> ,	3.6	1