

Yan Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1751133/publications.pdf>

Version: 2024-02-01

45
papers

830
citations

567281

15
h-index

501196

28
g-index

45
all docs

45
docs citations

45
times ranked

1527
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasmon-driven photocatalytic properties based on the surface of gold nanostar particles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120240.	3.9	9
2	Study of black phosphorus quantum dot modified SnO ₂ -based perovskite solar cells. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	3
3	Resonance Photoluminescence Enhancement of Monolayer MoS ₂ via a Plasmonic Nanowire Dimer Optical Antenna. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23756-23764.	8.0	7
4	Strong coupling with directional scattering features of metal nanoshells with monolayer WS ₂ heterostructures. <i>Applied Physics Letters</i> , 2022, 121, .	3.3	3
5	Surface-enhanced resonance Raman scattering of MoS ₂ quantum dots by coating Ag@MQDs on silver electrode with nanoscale roughness. <i>Journal of Luminescence</i> , 2021, 230, 117704.	3.1	4
6	Investigation of photocatalysis reactions on the single-crystal and polycrystalline graphenes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 251, 119441.	3.9	4
7	The smart growth of self-assembled silver nanoloops. <i>Nanotechnology</i> , 2021, 32, 465604.	2.6	1
8	Epitaxial growth of one-dimensional different-diameter silver nanowires. <i>New Journal of Chemistry</i> , 2021, 45, 21577-21581.	2.8	2
9	Investigation of surface-enhanced Raman spectroscopy on the substrates of telluride 2D material. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	7
10	Investigate on plasma catalytic reaction of 4-nitrobenzenethiol on Ag@SiO ₂ Core-Shell substrate via Surface-enhanced Raman scattering. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 237, 118362.	3.9	9
11	Graphene-coupled nanowire hybrid plasmonic gap mode-driven catalytic reaction revealed by surface-enhanced Raman scattering. <i>Nanophotonics</i> , 2020, 9, 4519-4527.	6.0	8
12	Photoluminescence mechanism of phosphorene quantum dots (PQDs) produced by pulsed laser ablation in liquids. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	16
13	Double-emission mechanism of laser-induced HOPG-exfoliated Graphene Quantum Dots (GQDs). <i>Applied Physics Letters</i> , 2019, 114, .	3.3	8
14	The Tunable and Well-Controlled Surface Plasmon Resonances of Au Hollow Nanostructures by a Chemical Route. <i>Plasmonics</i> , 2018, 13, 47-53.	3.4	3
15	Investigation on tip enhanced Raman spectra of graphene. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 378-382.	3.9	17
16	Surface-Nanostructured Single Silver Nanowire: A New One-Dimensional Microscale Surface-Enhanced Raman Scattering Interface. <i>Langmuir</i> , 2018, 34, 15160-15165.	3.5	15
17	Investigation of the Microstructures of Graphene Quantum Dots (GQDs) by Surface-Enhanced Raman Spectroscopy. <i>Nanomaterials</i> , 2018, 8, 864.	4.1	83
18	The Suitable Condition of Using LSPR Model in SERS: LSPR Effect Versus Chemical Effect on Microparticles Surface-Modified with Nanostructures. <i>Plasmonics</i> , 2017, 12, 77-81.	3.4	23

#	ARTICLE	IF	CITATIONS
19	Investigation of Tip-Enhanced Raman Spectroscopy on a Silver Nanohole Array Substrate. <i>Plasmonics</i> , 2017, 12, 1861-1867.	3.4	8
20	Intense, stable and excitation wavelength-independent photoluminescence emission in the blue-violet region from phosphorene quantum dots. <i>Scientific Reports</i> , 2016, 6, 27307.	3.3	81
21	Tailoring of Localized Surface Plasmon Resonances of Core-Shell Au@Ag Nanorods by Changing the Thickness of Ag Shell. <i>Plasmonics</i> , 2016, 11, 1511-1517.	3.4	11
22	Polarization State of Light Scattered from Quantum Plasmonic Dimer Antennas. <i>ACS Nano</i> , 2016, 10, 1580-1588.	14.6	74
23	Intramolecular enantiomerism as revealed from Raman optical activity spectrum. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 1303-1309.	2.5	2
24	Optical Properties of Noncontinuous Gold Shell Engineered on Silica Mesosphere. <i>Plasmonics</i> , 2014, 9, 121-127.	3.4	12
25	Direct visual evidence for chemical mechanism of SERRS of the S-complex of pyrimidine molecule adsorbed on silver nanoparticle via charge transfer. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 121, 430-435.	3.9	11
26	Photoreduction of Silver Salts Using Au Nanoparticles to Form a Core-Shell-Type Nanostructure: Insight into the Reaction Mechanism. <i>Plasmonics</i> , 2014, 9, 945-949.	3.4	8
27	Speckled SiO ₂ @Au Core-Shell Particles as Surface Enhanced Raman Scattering Probes. <i>Plasmonics</i> , 2013, 8, 185-191.	3.4	33
28	A stable "sandwich" system of Surface-Enhanced Resonance Raman Scattering for the analysis of β -carotenes in a photosynthetic pigment-protein complex. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 1111-1119.	2.5	5
29	Doublet of D and 2D bands in graphene deposited with Ag nanoparticles by surface enhanced Raman spectroscopy. <i>Carbon</i> , 2013, 65, 359-364.	10.3	34
30	Nanoparticle-based crystal growth via multistep self-assembly. <i>CrystEngComm</i> , 2013, 15, 5114.	2.6	25
31	The Surface-Enhanced Raman Spectroscopy of Graphene Deposited by Silver Nanoparticle Islands. <i>Integrated Ferroelectrics</i> , 2013, 147, 90-96.	0.7	4
32	The effect of temperature on the resonance of the interband transition energy in single-walled carbon nanotubes with excitation laser energy by Raman spectroscopy. <i>Applied Physics Letters</i> , 2013, 103, 231902.	3.3	0
33	Reversible Defect in Graphene Investigated by Tip-Enhanced Raman Spectroscopy. <i>Plasmonics</i> , 2012, 7, 555-561.	3.4	40
34	From gold nanorods to nanodumbbells: a different way to tailor surface plasmon resonances by a chemical route. <i>Journal of Materials Chemistry</i> , 2012, 22, 24006.	6.7	22
35	The Study of Surface Plasmon in Au/Ag Core/Shell Compound Nanoparticles. <i>Plasmonics</i> , 2012, 7, 509-513.	3.4	83
36	Synthesis of SERS active Au nanowires in different noncoordinating solvents. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2625-2632.	1.9	2

#	ARTICLE	IF	CITATIONS
37	1-Hexadecylamine as both reducing agent and stabilizer to synthesize Au and Ag nanoparticles and their SERS application. Journal of Nanoparticle Research, 2011, 13, 1929-1936.	1.9	22
38	Raman excitation of (+)-(<i>R</i>)-methyloxirane and its origin of optical activity via bond polarizabilities. Journal of Raman Spectroscopy, 2011, 42, 186-191.	2.5	9
39	One New Method of Achieving Raman Resonance of SWCNTs. , 2010, , .		0
40	Temporal Electronic Structure Of The Nonresonant Raman Excited Virtual State Of (+)-(<i>R</i>)-Methyloxirane By 514 nm Excitation Via Bond Polarizabilities. , 2010, , .		0
41	Adsorption Behaviors of 4-Mercaptobenzoic Acid on Silver and Gold Films. Chinese Journal of Chemical Physics, 2010, 23, 659-663.	1.3	30
42	Tunable surface plasma resonance frequency in Ag core/Au shell nanoparticles system prepared by laser ablation. Applied Physics Letters, 2008, 92, .	3.3	62
43	PHONON DISPERSION IN CHIRAL SINGLE-WALL CARBON NANOTUBES. Modern Physics Letters B, 2007, 21, 1667-1676.	1.9	2
44	Piperidine adsorption on two different silver electrodes: A combined surface enhanced Raman spectroscopy and density functional theory study. Journal of Nanoparticle Research, 2007, 9, 817-824.	1.9	11
45	Experimental (FT-IR) and theoretical (DFT) studies on the adsorption behavior of p-nitroaniline (PNA) on gold nanoparticales. Journal of Nanoparticle Research, 2006, 8, 761-767.	1.9	17