

Yu Gong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6872995/publications.pdf>

Version: 2024-02-01

36
papers

550
citations

623734

14
h-index

642732

23
g-index

36
all docs

36
docs citations

36
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong laser polarization control of coherent phonon excitation in van der Waals material Fe ₃ GeTe ₂ . Npj 2D Materials and Applications, 2022, 6, .	7.9	5
2	Significant Enhancement of Two-Photon Excited Fluorescence in Water-Soluble Triphenylamine-Based All-Organic Compounds. Journal of Physical Chemistry B, 2022, 126, 5513-5522.	2.6	1
3	Enhanced Two-Photon Absorption in Two Triphenylamine-Based All-Organic Compounds. Journal of Physical Chemistry A, 2021, 125, 1870-1879.	2.5	4
4	Ambient effect on the Curie temperatures and magnetic domains in metallic two-dimensional magnets. Npj 2D Materials and Applications, 2021, 5, .	7.9	13
5	Surface Plasmon-Based Pulse Splitter and Polarization Multiplexer. Journal of Physical Chemistry Letters, 2018, 9, 6164-6168.	4.6	17
6	Controlled synthesis of highly-branched plasmonic gold nanoparticles through peptoid engineering. Nature Communications, 2018, 9, 2327.	12.8	74
7	Polarization-Directed Surface Plasmon Polariton Launching. Journal of Physical Chemistry Letters, 2017, 8, 49-54.	4.6	19
8	Experimental demonstration of 55-fs spin canting in photoexcited iron nanoarrays. Applied Physics Letters, 2017, 110, 082404.	3.3	4
9	Multimodal hyperspectral optical microscopy. Chemical Physics, 2017, 498-499, 25-32.	1.9	7
10	Surface Plasmon Coupling and Control Using Spherical Cap Structures. Journal of Physical Chemistry Letters, 2017, 8, 2695-2699.	4.6	2
11	Visualizing surface plasmons with photons, photoelectrons, and electrons. Analyst, The, 2016, 141, 3562-3572.	3.5	19
12	The information content in single-molecule Raman nanoscopy. Advances in Physics: X, 2016, 1, 35-54.	4.1	8
13	Efficient forward second-harmonic generation from planar archimedean nanospirals. Nanophotonics, 2015, 4, 108-113.	6.0	22
14	Efficient coupling and transport of a surface plasmon at 780 nm in a gold nanostructure. Proceedings of SPIE, 2015, , .	0.8	0
15	Ultrafast Imaging of Surface Plasmons Propagating on a Gold Surface. Nano Letters, 2015, 15, 3472-3478.	9.1	69
16	Tip-Enhanced Raman Nanographs: Mapping Topography and Local Electric Fields. Nano Letters, 2015, 15, 2385-2390.	9.1	26
17	Enhanced Raman scattering from aromatic dithiols electrospayed into plasmonic nanojunctions. Faraday Discussions, 2015, 184, 339-357.	3.2	15
18	Efficient Forward Second-Harmonic Generation from Planar Arrays of Archimedean Nanospirals. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Ultrafast optical detection of magnetic inhomogeneity in ferromagnetic La _{0.67} Ca _{0.33} MnO ₃ . Europhysics Letters, 2014, 108, 17010.	2.0	1
20	High-Brightness Plasmon-Enhanced Nanostructured Gold Photoemitter. Physical Review Applied, 2014, 2, .	3.8	7
21	Electric field enhancement in a self-assembled 2D array of silver nanospheres. Journal of Chemical Physics, 2014, 141, 214308.	3.0	20
22	Interferometric Plasmonic Lensing with Nanohole Arrays. Journal of Physical Chemistry Letters, 2014, 5, 4243-4248.	4.6	14
23	Enhanced quantum efficiency from hybrid cesium halide/copper photocathodes. Applied Physics Letters, 2014, 104, .	3.3	7
24	Nonlinear Photoemission Electron Micrographs of Plasmonic Nanoholes in Gold Thin Films. Journal of Physical Chemistry C, 2014, 118, 25671-25676.	3.1	22
25	Femtosecond Laser Pulse Induced Ultrafast Demagnetization in Fe/GaAs Thin Films. IEEE Transactions on Magnetics, 2013, 49, 3199-3202.	2.1	1
26	Photoinduced Spin Precession in Fe/GaAs(001) Heterostructure with Low Power Excitation. Applied Physics Express, 2013, 6, 073008.	2.4	4
27	Quasiparticle relaxation across the multiple superconducting gaps in the electron-doped BaFe _{1.85} Co _{0.15} As ₂ . Journal of Applied Physics, 2012, 111, .	2.5	3
28	Non-thermal excitation and control of magnetization in Fe/GaAs film by ultrafast laser pulses. Journal of Applied Physics, 2012, 111, 07D505.	2.5	2
29	Optical properties of the iron arsenic superconductor $\text{BaFe}_{1.85}\text{Co}_{0.15}\text{As}_2$. Physical Review B, 2010, 82, .	3.2	77
30	Distinct quasiparticle relaxation dynamics in an electron-doped superconductor, BaFe _{1.9} Ni _{0.1} As ₂ . New Journal of Physics, 2010, 12, 123003.	2.9	10
31	Determination of magnetic anisotropies, interlayer coupling, and magnetization relaxation in FeCoB/Cr/FeCoB. Journal of Applied Physics, 2009, 106, .	2.5	25
32	Ultrafast optical study of spin wave resonance and relaxation in a CoFe/PtMn/CoFe trilayer film. Journal of Applied Physics, 2009, 105, 07D304.	2.5	6
33	Magnetic anisotropy and spin wave relaxation in CoFe/PtMn/CoFe trilayer films. Journal of Applied Physics, 2009, 105, 073910.	2.5	7
34	An approach for researching uniaxial anisotropy magnet: Rotational magnetization. Journal of Applied Physics, 2007, 102, 123901.	2.5	18
35	Photoluminescence Property of Co ₃ O ₄ Nanowires. Chinese Physics Letters, 2007, 24, 1756-1758.	3.3	19
36	Abnormal Photoluminescence Properties of Polycrystalline ZnO Nanowire Arrays Synthesized by Electrodeposition. Chinese Physics Letters, 2006, 23, 3105-3107.	3.3	2