

# Yu Gong

## List of Publications by Year in descending order

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36  
papers

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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	Optical properties of the iron arsenic superconductor $\text{BaFe}_{1.85}\text{As}_2$ . Physical Review B, 2010, 82, .	3.2	77
2	Controlled synthesis of highly-branched plasmonic gold nanoparticles through peptoid engineering. Nature Communications, 2018, 9, 2327.	12.8	74
3	Ultrafast Imaging of Surface Plasmons Propagating on a Gold Surface. Nano Letters, 2015, 15, 3472-3478.	9.1	69
4	Tip-Enhanced Raman Nanographs: Mapping Topography and Local Electric Fields. Nano Letters, 2015, 15, 2385-2390.	9.1	26
5	Determination of magnetic anisotropies, interlayer coupling, and magnetization relaxation in FeCoB/Cr/FeCoB. Journal of Applied Physics, 2009, 106, .	2.5	25
6	Nonlinear Photoemission Electron Micrographs of Plasmonic Nanoholes in Gold Thin Films. Journal of Physical Chemistry C, 2014, 118, 25671-25676.	3.1	22
7	Efficient forward second-harmonic generation from planar archimedean nanospirals. Nanophotonics, 2015, 4, 108-113.	6.0	22
8	Electric field enhancement in a self-assembled 2D array of silver nanospheres. Journal of Chemical Physics, 2014, 141, 214308.	3.0	20
9	Photoluminescence Property of $\text{Co}_3\text{O}_4$ Nanowires. Chinese Physics Letters, 2007, 24, 1756-1758.	3.3	19
10	Visualizing surface plasmons with photons, photoelectrons, and electrons. Analyst, The, 2016, 141, 3562-3572.	3.5	19
11	Polarization-Directed Surface Plasmon Polariton Launching. Journal of Physical Chemistry Letters, 2017, 8, 49-54.	4.6	19
12	An approach for researching uniaxial anisotropy magnet: Rotational magnetization. Journal of Applied Physics, 2007, 102, 123901.	2.5	18
13	Surface Plasmon-Based Pulse Splitter and Polarization Multiplexer. Journal of Physical Chemistry Letters, 2018, 9, 6164-6168.	4.6	17
14	Enhanced Raman scattering from aromatic dithiols electrospayed into plasmonic nanojunctions. Faraday Discussions, 2015, 184, 339-357.	3.2	15
15	Interferometric Plasmonic Lensing with Nanohole Arrays. Journal of Physical Chemistry Letters, 2014, 5, 4243-4248.	4.6	14
16	Ambient effect on the Curie temperatures and magnetic domains in metallic two-dimensional magnets. Npj 2D Materials and Applications, 2021, 5, .	7.9	13
17	Distinct quasiparticle relaxation dynamics in an electron-doped superconductor, $\text{BaFe}_{1.9}\text{Ni}_{0.1}\text{As}_2$ . New Journal of Physics, 2010, 12, 123003.	2.9	10
18	The information content in single-molecule Raman nanoscopy. Advances in Physics: X, 2016, 1, 35-54.	4.1	8

#	ARTICLE	IF	CITATIONS
19	Magnetic anisotropy and spin wave relaxation in CoFe/PtMn/CoFe trilayer films. Journal of Applied Physics, 2009, 105, 073910.	2.5	7
20	High-Brightness Plasmon-Enhanced Nanostructured Gold Photoemitter. Physical Review Applied, 2014, 2, .	3.8	7
21	Enhanced quantum efficiency from hybrid cesium halide/copper photocathodes. Applied Physics Letters, 2014, 104, .	3.3	7
22	Multimodal hyperspectral optical microscopy. Chemical Physics, 2017, 498-499, 25-32.	1.9	7
23	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
24	Strong laser polarization control of coherent phonon excitation in van der Waals material Fe <sub>3</sub> GeTe <sub>2</sub> . Npj 2D Materials and Applications, 2022, 6, .	7.9	5
25	Experimental demonstration of 55-fs spin canting in photoexcited iron nanoarrays. Applied Physics Letters, 2017, 110, 082404.	3.3	4
26	Enhanced Two-Photon Absorption in Two Triphenylamine-Based All-Organic Compounds. Journal of Physical Chemistry A, 2021, 125, 1870-1879.	2.5	4
27	Photoinduced Spin Precession in Fe/GaAs(001) Heterostructure with Low Power Excitation. Applied Physics Express, 2013, 6, 073008.	2.4	4
28	Quasiparticle relaxation across the multiple superconducting gaps in the electron-doped BaFe <sub>1.85</sub> Co <sub>0.15</sub> As <sub>2</sub> . Journal of Applied Physics, 2012, 111, .	2.5	3
29	Abnormal Photoluminescence Properties of Polycrystalline ZnO Nanowire Arrays Synthesized by Electrodeposition. Chinese Physics Letters, 2006, 23, 3105-3107.	3.3	2
30	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
31	Surface Plasmon Coupling and Control Using Spherical Cap Structures. Journal of Physical Chemistry Letters, 2017, 8, 2695-2699.	4.6	2
32	Femtosecond Laser Pulse Induced Ultrafast Demagnetization in Fe/GaAs Thin Films. IEEE Transactions on Magnetics, 2013, 49, 3199-3202.	2.1	1
33	Ultrafast optical detection of magnetic inhomogeneity in ferromagnetic La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . Europhysics Letters, 2014, 108, 17010.	2.0	1
34	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
35	Efficient coupling and transport of a surface plasmon at 780 nm in a gold nanostructure. Proceedings of SPIE, 2015, , .	0.8	0
36	Efficient Forward Second-Harmonic Generation from Planar Arrays of Archimedean Nanospirals. , 2015, , .		0