

# Yun-Sheng Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1832280/publications.pdf>

Version: 2024-02-01

21  
papers

2,133  
citations

623734

14  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

3384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial copper depletion suppresses triple-negative breast cancer in mice. <i>Nature Biotechnology</i> , 2021, 39, 357-367.	17.5	163
2	On-demand field shaping for enhanced magnetic resonance imaging using an ultrathin reconfigurable metasurface. <i>View</i> , 2021, 2, 20200099.	5.3	13
3	Ultra-high-frequency radio-frequency acoustic molecular imaging with saline nanodroplets in living subjects. <i>Nature Nanotechnology</i> , 2021, 16, 717-724.	31.5	15
4	Quantifying molecular- to cellular-level forces in living cells. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 483001.	2.8	5
5	A wearable metasurface for high efficiency, free-positioning omnidirectional wireless power transfer. <i>New Journal of Physics</i> , 2021, 23, 125003.	2.9	6
6	Carbon-coated FeCo nanoparticles as sensitive magnetic-particle-imaging tracers with photothermal and magnetothermal properties. <i>Nature Biomedical Engineering</i> , 2020, 4, 325-334.	22.5	160
7	Trop2 is a driver of metastatic prostate cancer with neuroendocrine phenotype via PARP1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2032-2042.	7.1	85
8	Photoacoustics of core-shell nanospheres using comprehensive modeling and analytical solution approach. <i>Communications Physics</i> , 2019, 2, .	5.3	22
9	Optical force microscopy: combining light with atomic force microscopy for nanomaterial identification. <i>Nanophotonics</i> , 2019, 8, 1659-1671.	6.0	3
10	Miniature gold nanorods for photoacoustic molecular imaging in the second near-infrared optical window. <i>Nature Nanotechnology</i> , 2019, 14, 465-472.	31.5	349
11	The Utility of [18F]DASA-23 for Molecular Imaging of Prostate Cancer with Positron Emission Tomography. <i>Molecular Imaging and Biology</i> , 2018, 20, 1015-1024.	2.6	11
12	Dynamic contrast-enhanced photoacoustic imaging using photothermal stimuli-responsive composite nanomodulators. <i>Nature Communications</i> , 2017, 8, 15782.	12.8	83
13	Intravascular Photoacoustics for Image-Guidance and Temperature Monitoring During Plasmonic Photothermal Therapy of Atherosclerotic Plaques: A Feasibility Study. <i>Theranostics</i> , 2014, 4, 36-46.	10.0	56
14	Photoacoustic and ultrasound imaging using dual contrast perfluorocarbon nanodroplets triggered by laser pulses at 1064 nm. <i>Biomedical Optics Express</i> , 2014, 5, 3042.	2.9	52
15	Photoacoustic signal amplification through plasmonic nanoparticle aggregation. <i>Journal of Biomedical Optics</i> , 2013, 18, 016001.	2.6	65
16	Sensitivity enhanced nanothermal sensors for photoacoustic temperature mapping. <i>Journal of Biophotonics</i> , 2013, 6, 534-542.	2.3	26
17	Environment-Dependent Generation of Photoacoustic Waves from Plasmonic Nanoparticles. <i>Small</i> , 2012, 8, 47-52.	10.0	97
18	Silica-Coated Gold Nanorods as Photoacoustic Signal Nanoamplifiers. <i>Nano Letters</i> , 2011, 11, 348-354.	9.1	458

#	ARTICLE	IF	CITATIONS
19	Ultrasound and photoacoustic image-guided photothermal therapy using silica-coated gold nanorods: In-vivo study. , 2010, , .		7
20	Enhanced thermal stability of silica-coated gold nanorods for photoacoustic imaging and image-guided therapy. Optics Express, 2010, 18, 8867.	3.4	354
21	Prospects of molecular photoacoustic imaging at 1064 nm wavelength. Optics Letters, 2010, 35, 2663.	3.3	95