Yun-Sheng Chen

List of Publications by Year
in descending order

21	2,133	623734 14	713466 21
papers	citations	h-index	g-index

22	22	22	3384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Silica-Coated Gold Nanorods as Photoacoustic Signal Nanoamplifiers. Nano Letters, 2011, 11, 348-354.	9.1	458
2	Enhanced thermal stability of silica-coated â€˜gold nanorods for photoacoustic imaging and image-guided therapy. Optics Express, 2010, 18, 8867.	3.4	354
3	Miniature gold nanorods for photoacoustic molecular imaging in the second near-infrared optical window. Nature Nanotechnology, 2019, 14, 465-472.	31.5	349
4	Mitochondrial copper depletion suppresses triple-negative breast cancer in mice. Nature Biotechnology, 2021, 39, 357-367.	17.5	163
5	Carbon-coated FeCo nanoparticles as sensitive magnetic-particle-imaging tracers with photothermal and magnetothermal properties. Nature Biomedical Engineering, 2020, 4, 325-334.	22.5	160
6	Environmentâ€Dependent Generation of Photoacoustic Waves from Plasmonic Nanoparticles. Small, 2012, 8, 47-52.	10.0	97
7	Prospects of molecular photoacoustic imaging at 1064 nm wavelength. Optics Letters, 2010, 35, 2663.	3.3	95
8	Trop2 is a driver of metastatic prostate cancer with neuroendocrine phenotype via PARP1. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2032-2042.	7.1	85
9	Dynamic contrast-enhanced photoacoustic imaging using photothermal stimuli-responsive composite nanomodulators. Nature Communications, 2017, 8, 15782.	12.8	83
10	Photoacoustic signal amplification through plasmonic nanoparticle aggregation. Journal of Biomedical Optics, 2013, 18, 016001.	2.6	65
11	Intravascular Photoacoustics for Image-Guidance and Temperature Monitoring During Plasmonic Photothermal Therapy of Atherosclerotic Plaques: A Feasibility Study. Theranostics, 2014, 4, 36-46.	10.0	56
12	Photoacoustic and ultrasound imaging using dual contrast perfluorocarbon nanodroplets triggered by laser pulses at 1064 nm. Biomedical Optics Express, 2014, 5, 3042.	2.9	52
13	Sensitivity enhanced nanothermal sensors for photoacoustic temperature mapping. Journal of Biophotonics, 2013, 6, 534-542.	2.3	26
14	Photoacoustics of coreâ€“shell nanospheres using comprehensive modeling and analytical solution approach. Communications Physics, 2019, 2, .	5.3	22
15	Ultra-high-frequency radio-frequency acoustic molecular imaging with saline nanodroplets in living subjects. Nature Nanotechnology, 2021, 16, 717-724.	31.5	15
16	Onâ€demand field shaping for enhanced magnetic resonance imaging using an ultrathin reconfigurable metasurface. View, 2021, 2, 20200099.	5.3	13
17	The Utility of [18F]DASA-23 for Molecular Imaging of Prostate Cancer with Positron Emission Tomography. Molecular Imaging and Biology, 2018, 20, 1015-1024.	2.6	11
18	Ultrasound and photoacoustic image-guided photothermal therapy using silica-coated gold nanorods: In-vivo study. , 2010, , .		7

#	ARTICLE	IF	CITATIONS
19	A wearable metasurface for high efficiency, free-positioning omnidirectional wireless power transfer. New Journal of Physics, 2021, 23, 125003.	2.9	6
20	Quantifying molecular- to cellular-level forces in living cells. Journal Physics D: Applied Physics, 2021, 54, 483001.	2.8	5
21	Optical force microscopy: combining light with atomic force microscopy for nanomaterial identification. Nanophotonics, 2019, 8, 1659-1671.	6.0	3