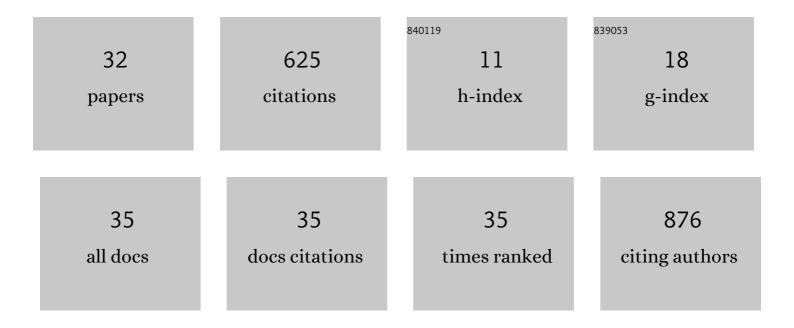
Tzu-Ming Liu

List of Publications by Year in descending order

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TZU-MING LUL

#	Article	IF	CITATIONS
1	Higher harmonic generation microscopy for developmental biology. Journal of Structural Biology, 2004, 147, 19-30.	1.3	179
2	Efficient Near-IR Hyperthermia and Intense Nonlinear Optical Imaging Contrast on the Gold Nanorod-in-Shell Nanostructures. Journal of the American Chemical Society, 2009, 131, 14186-14187.	6.6	123
3	Toward Strong Nearâ€Infrared Absorption/Emission from Carbon Dots in Aqueous Media through Solvothermal Fusion of Large Conjugated Perylene Derivatives with Postâ€Surface Engineering. Advanced Science, 2022, 9, .	5.6	48
4	One step synthesis of efficient red emissive carbon dots and their bovine serum albumin composites with enhanced multi-photon fluorescence for in vivo bioimaging. Light: Science and Applications, 2022, 11, 113.	7.7	46
5	Imaging of macrophage mitochondria dynamics <i>in vivo</i> reveals cellular activation phenotype for diagnosis. Theranostics, 2020, 10, 2897-2917.	4.6	41
6	Intravital imaging of osteocytes in mouse calvaria using third harmonic generation microscopy. PLoS ONE, 2017, 12, e0186846.	1.1	38
7	Remodeling of Tumor Microenvironment by Tumorâ€Targeting Nanozymes Enhances Immune Activation of CAR T Cells for Combination Therapy. Small, 2021, 17, e2102624.	5.2	36
8	Discovering Macrophage Functions Using In Vivo Optical Imaging Techniques. Frontiers in Immunology, 2018, 9, 502.	2.2	22
9	Resonant Dipolar Coupling of Microwaves with Confined Acoustic Vibrations in a Rod-shaped Virus. Scientific Reports, 2017, 7, 4611.	1.6	19
10	Entropy change of biological dynamics in COPD. International Journal of COPD, 2017, Volume 12, 2997-3005.	0.9	16
11	Low-toxicity FePt nanoparticles for the targeted and enhanced diagnosis of breast tumors using few centimeters deep whole-body photoacoustic imaging. Photoacoustics, 2020, 19, 100179.	4.4	15
12	Accelerating precision anti-cancer therapy by time-lapse and label-free 3D tumor slice culture platform. Theranostics, 2021, 11, 9415-9430.	4.6	13
13	New Templated Ostwald Ripening Process of Mesostructured FeOOH for Thirdâ€Harmonic Generation Bioimaging. Small, 2019, 15, 1805086.	5.2	12
14	Functionalizing Collagen with Vesselâ€Penetrating Twoâ€Photon Phosphorescence Probes: A New In Vivo Strategy to Map Oxygen Concentration in Tumor Microenvironment and Tissue Ischemia. Advanced Science, 2021, 8, e2102788.	5.6	5
15	Expansion of Rare Cancer Cells into Tumoroids for Therapeutic Regimen and Cancer Therapy. Advanced Therapeutics, 2021, 4, 2100017.	1.6	3
16	Nanoprobeâ \in based mass spectrometry and Fourier transform infrared spectroscopy for rapid phospholipid profiling. Journal of the Chinese Chemical Society, 0, , .	0.8	2
17	Novel zebrafish polycystic kidney disease models reveal functions of the Hippo pathway in renal cystogenesis. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	2
18	Noninvasive assessment of liver function reserve with fluorescent dosimetry of indocyanine green. Biomedical Optics Express, 2022, 13, 1995.	1.5	2

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#	Article	IF	CITATIONS
19	Intravital lipid droplet labeling and imaging reveals the phenotypes and functions of individual macrophages inÂvivo. Journal of Lipid Research, 2022, 63, 100207.	2.0	2
20	Remodeling of Tumor Microenvironment by Tumorâ€Targeting Nanozymes Enhances Immune Activation of CAR T Cells for Combination Therapy (Small 43/2021). Small, 2021, 17, 2170224.	5.2	1
21	Bioimaging: New Templated Ostwald Ripening Process of Mesostructured FeOOH for Thirdâ€Harmonic Generation Bioimaging (Small 20/2019). Small, 2019, 15, 1970108.	5.2	о
22	Plasmon Resonant Two-Photon Luminescence Inducing Photosensitization and Nonlinear Optical Microscopy In Vivo by Near-Infrared Excitation of Au Nanopeanuts. Applied Sciences (Switzerland), 2021, 11, 10875.	1.3	0
23	Additive Manufacturing and Removal of Biomaterials. , 2022, , 1-24.		Ο
24	Critical Issues in Biology and Medicine. , 2022, , 1-24.		0
25	Ultrafast Laser Operation and Wavelength Conversion. , 2022, , 1-18.		о
26	Quantum Mechanical Properties of Light. , 2022, , 1-20.		0
27	Optical Properties of Biomaterials and Tissues. , 2022, , 1-24.		о
28	Time-Course Micro-Environment Imaging and Optical Readout. , 2022, , 1-20.		0
29	Ray Optics to Wave Optics. , 2022, , 1-16.		о
30	High content Imaging and Spectroscopy. , 2022, , 1-20.		0
31	Nonlinear Spectral Imaging. , 2022, , 1-18.		0
	Time Demain Spectral Imaging 2022 1.28		0

32 Time-Domain Spectral Imaging. , 2022, , 1-38.

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