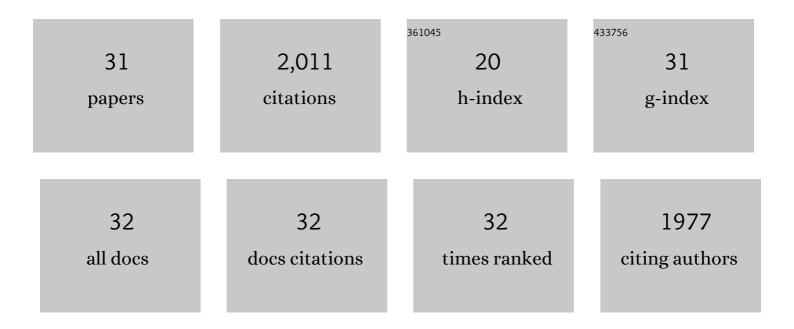
Junhui Shi

List of Publications by Year in descending order

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ПЛИНИ СНІ

#	Article	IF	CITATIONS
1	Massively parallel functional photoacoustic computed tomography of the human brain. Nature Biomedical Engineering, 2022, 6, 584-592.	11.6	97
2	High-speed three-dimensional photoacoustic computed tomography for preclinical research and clinical translation. Nature Communications, 2021, 12, 882.	5.8	77
3	Recent advances in high-speed photoacoustic microscopy. Photoacoustics, 2021, 24, 100294.	4.4	21
4	Multifocal photoacoustic microscopy using a single-element ultrasonic transducer through an ergodic relay. Light: Science and Applications, 2020, 9, 135.	7.7	17
5	Snapshot photoacoustic topography through an ergodic relay for high-throughput imaging of optical absorption. Nature Photonics, 2020, 14, 164-170.	15.6	70
6	Transparent High-Frequency Ultrasonic Transducer for Photoacoustic Microscopy Application. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1848-1853.	1.7	37
7	Label-free imaging of lipid-rich biological tissues by mid-infrared photoacoustic microscopy. Journal of Biomedical Optics, 2020, 25, .	1.4	13
8	Photoacoustic topography through an ergodic relay for functional imaging and biometric application in vivo. Journal of Biomedical Optics, 2020, 25, 1.	1.4	14
9	High-resolution, high-contrast mid-infrared imaging of fresh biological samples with ultraviolet-localized photoacoustic microscopy. Nature Photonics, 2019, 13, 609-615.	15.6	158
10	In vivo superresolution photoacoustic computed tomography by localization of single dyed droplets. Light: Science and Applications, 2019, 8, 36.	7.7	67
11	Microwaveâ€induced thermoacoustic tomography through an adult human skull. Medical Physics, 2019, 46, 1793-1797.	1.6	25
12	Highâ€resolution deep functional imaging of the whole mouse brain by photoacoustic computed tomography <i>in vivo</i> . Journal of Biophotonics, 2018, 11, e201700024.	1.1	86
13	Advances in super-resolution photoacoustic imaging. Quantitative Imaging in Medicine and Surgery, 2018, 8, 724-732.	1.1	18
14	High-speed widefield photoacoustic microscopy of small-animal hemodynamics. Biomedical Optics Express, 2018, 9, 4689.	1.5	85
15	Small near-infrared photochromic protein for photoacoustic multi-contrast imaging and detection of protein interactions in vivo. Nature Communications, 2018, 9, 2734.	5.8	77
16	Single-breath-hold photoacoustic computed tomography of the breast. Nature Communications, 2018, 9, 2352.	5.8	290
17	High-throughput ultraviolet photoacoustic microscopy with multifocal excitation. Journal of Biomedical Optics, 2018, 23, 1.	1.4	26
18	Dual-axis illumination for virtually augmenting the detection view of optical-resolution photoacoustic microscopy. Journal of Biomedical Optics, 2018, 23, 1.	1.4	8

Јилниі Ѕні

#	Article	IF	CITATIONS
19	Single-impulse panoramic photoacoustic computed tomography of small-animal whole-body dynamics at high spatiotemporal resolution. Nature Biomedical Engineering, 2017, 1, .	11.6	334
20	Label-free automated three-dimensional imaging of whole organs by microtomy-assisted photoacoustic microscopy. Nature Communications, 2017, 8, 1386.	5.8	104
21	Focusing light inside dynamic scattering media with millisecond digital optical phase conjugation. Optica, 2017, 4, 280.	4.8	127
22	In vivo label-free photoacoustic flow cytography and on-the-spot laser killing of single circulating melanoma cells. Scientific Reports, 2016, 6, 39616.	1.6	69
23	Lock-in camera based heterodyne holography for ultrasound-modulated optical tomography inside dynamic scattering media. Applied Physics Letters, 2016, 108, 231106.	1.5	22
24	Handheld optical-resolution photoacoustic microscopy. Journal of Biomedical Optics, 2016, 22, 041002.	1.4	54
25	Observation of Optical Chemical Shift by Precision Nuclear Spin Optical Rotation Measurements and Calculations. Journal of Physical Chemistry Letters, 2013, 4, 437-441.	2.1	30
26	Optimal coherent control of coherent anti-Stokes Raman scattering: Signal enhancement and background elimination. Journal of Chemical Physics, 2012, 136, 144114.	1.2	4
27	Quantum state transformation by optimal projective measurements. Journal of Mathematical Chemistry, 2011, 49, 507-519.	0.7	6
28	Field-free molecular alignment by shaping femtosecond laser pulse with cubic phase modulation. Physical Review A, 2011, 84, .	1.0	29
29	Field-free molecular orientation by a multicolor laser field. Physical Review A, 2011, 83, .	1.0	35
30	Precise control of state-selective excitation in stimulated Raman scattering. Physical Review A, 2010, 82, .	1.0	9
31	PERFECT POPULATION TRANSFER IN PULSE-DRIVEN QUANTUM CHAINS. Journal of Theoretical and Computational Chemistry, 2010, 09, 847-860.	1.8	1