

# Yan Yan

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

290  
citations

1039406

9  
h-index

940134

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced linear-array photoacoustic beamforming using modified coherence factor. <i>Journal of Biomedical Optics</i> , 2018, 23, 1.	1.4	55
2	Miniaturized phased-array ultrasound and photoacoustic endoscopic imaging system. <i>Photoacoustics</i> , 2019, 15, 100139.	4.4	34
3	Ascending Lipopolysaccharide-Induced Intrauterine Inflammation in Near-Term Rabbits Leading to Newborn Neurobehavioral Deficits. <i>Developmental Neuroscience</i> , 2018, 40, 534-546.	1.0	26
4	Oxidation-Responsive, Eu <sup>III</sup> -Based, Multimodal Contrast Agent for Magnetic Resonance and Photoacoustic Imaging. <i>ACS Omega</i> , 2017, 2, 800-805.	1.6	22
5	Photoacoustic imaging of the uterine cervix to assess collagen and water content changes in murine pregnancy. <i>Biomedical Optics Express</i> , 2019, 10, 4643.	1.5	20
6	Photoacoustic Imaging for Image-guided Endovenous Laser Ablation Procedures. <i>Scientific Reports</i> , 2019, 9, 2933.	1.6	18
7	Photoacoustic Imaging to Track Magnetic-manipulated Micro-Robots in Deep Tissue. <i>Sensors</i> , 2020, 20, 2816.	2.1	14
8	Spectroscopic photoacoustic imaging of cervical tissue composition in excised human samples. <i>PLoS ONE</i> , 2021, 16, e0247385.	1.1	13
9	Photoacoustic image improvement based on a combination of sparse coding and filtering. <i>Journal of Biomedical Optics</i> , 2020, 25, .	1.4	12
10	Photoacoustic-guided endovenous laser ablation: Characterization and in vivo canine study. <i>Photoacoustics</i> , 2021, 24, 100298.	4.4	10
11	All-reflective ring illumination system for photoacoustic tomography. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	9
12	Methods for Monitoring Risk of Hypoxic Damage in Fetal and Neonatal Brains: A Review. <i>Fetal Diagnosis and Therapy</i> , 2022, 49, 1-24.	0.6	8
13	Integration of Endovenous Laser Ablation and Photoacoustic Imaging Systems for Enhanced Treatment of Venous Insufficiency. , 2018, , .		7
14	Integrated Ultrasound and Photoacoustic Imaging for Effective Endovenous Laser Ablation: A Characterization Study. , 2019, , .		6
15	An advanced photoacoustic tomography system based on a ring geometry design. , 2018, , .		6
16	Efficacy of High Temporal Frequency Photoacoustic Guidance of Laser Ablation Procedures. <i>Ultrasonic Imaging</i> , 2021, 43, 149-156.	1.4	4
17	Endocavity ultrasound and photoacoustic system for fetal and maternal imaging: design, implementation, and ex-vivo validation. <i>Journal of Medical Imaging</i> , 2021, 8, 066001.	0.8	4
18	Photoacoustic Guided Endovenous Laser Ablation: Calibration and In Vivo Canine Studies. , 2020, , .		4

#	ARTICLE	IF	CITATIONS
19	Development of an Ultrasound and Photoacoustic Endoscopy System for Imaging of Gynecological Disorders. , 2018, , .		3
20	The role of noninvasive diagnostic imaging in monitoring pregnancy and detecting patients at risk for preterm birth: a review of quantitative approaches. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 568-591.	0.7	3
21	Photoacoustic-MR Image Registration Based on a Co-Sparse Analysis Model to Compensate for Brain Shift. Sensors, 2022, 22, 2399.	2.1	3
22	Notice of Removal: Design and development of a full-ring ultrasound and photoacoustic tomography system for breast cancer imaging. , 2017, , .		2
23	Multi-parametric acoustic imaging of cervix for more accurate detection of patients at risk of preterm birth. , 2018, , .		2
24	Submillimeter Magnetic Microrobot Tracking Using an Integrated Ultrasound and Photoacoustic Imaging System. , 2019, , .		2
25	Ultrasound, elasticity, and photoacoustic imaging of cervix: towards a more accurate prediction of preterm delivery (Conference Presentation). , 2018, , .		2
26	The Effectiveness of the Omnidirectional Illumination in Full-Ring Photoacoustic Tomography. , 2018, , .		1