

Xuanrong Ji

List of Publications by Year in descending order

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21
papers

794
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687363

13
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times ranked

880
citing authors

#	ARTICLE	IF	CITATIONS
1	Multitarget Transcranial Ultrasound Therapy in Small Animals Based on Phase-Only Acoustic Holographic Lens. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 662-671.	3.0	10
2	A Spatial Multitarget Ultrasound Neuromodulation System Using High-Powered 2-D Array Transducer. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2022, 69, 998-1007.	3.0	8
3	X-Ray-Induced Acoustic Computed Tomography (XACT): Initial Experiment on Bone Sample. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 1073-1080.	3.0	11
4	Centimeter-scale wide-field-of-view laser-scanning photoacoustic microscopy for subcutaneous microvasculature in vivo. <i>Biomedical Optics Express</i> , 2021, 12, 2996.	2.9	12
5	Quantitative Inspection of Complex-Shaped Parts Based on Ice-Coupled Ultrasonic Full Waveform Inversion Technology. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4433.	2.5	4
6	Numerical Study on Surface Roughness Measurement Based on Nonlinear Ultrasonics in Through-Transmission and Pulse-Echo Modes. <i>Materials</i> , 2021, 14, 4855.	2.9	4
7	High-resolution air-coupled laser ultrasound imaging of microstructure and defects in braided CFRP. <i>Composites Communications</i> , 2021, 28, 100915.	6.3	16
8	Ultra-compact micro-photoacoustic tomography for brain imaging <i>in vivo</i> . <i>Applied Physics Letters</i> , 2021, 119, .	3.3	1
9	X-ray induced acoustic computed tomography. <i>Photoacoustics</i> , 2020, 19, 100177.	7.8	33
10	Noncontact photoacoustic angiography with an air-coupled ultrasonic transducer for evaluation of burn injury. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	14
11	Preparation of alumina-toughened zirconia via 3D printing and liquid precursor infiltration: manipulation of the microstructure, the mechanical properties and the low temperature aging behavior. <i>Journal of Materials Science</i> , 2019, 54, 7447-7459.	3.7	23
12	Fabrication of high-performance Al ₂ O ₃ -ZrO ₂ composite by a novel approach that integrates stereolithography-based 3D printing and liquid precursor infiltration. <i>Materials Chemistry and Physics</i> , 2018, 209, 31-37.	4.0	15
13	Research into the mechanical properties, sintering mechanism and microstructure evolution of Al ₂ O ₃ -ZrO ₂ composites fabricated by a stereolithography-based 3D printing method. <i>Materials Chemistry and Physics</i> , 2018, 207, 1-10.	4.0	81
14	Fabrication of complex-shaped zirconia ceramic parts via a DLP- stereolithography-based 3D printing method. <i>Ceramics International</i> , 2018, 44, 3412-3416.	4.8	235
15	PZT ceramics fabricated based on stereolithography for an ultrasound transducer array application. <i>Ceramics International</i> , 2018, 44, 22725-22730.	4.8	78
16	Intravascular confocal photoacoustic endoscope with dual-element ultrasonic transducer. <i>Optics Express</i> , 2015, 23, 9130.	3.4	49
17	Characterization of Lipid-Rich Aortic Plaques by Intravascular Photoacoustic Tomography. <i>Journal of the American College of Cardiology</i> , 2014, 64, 385-390.	2.8	115
18	PIN-PMN-PT Single-Crystal-Based 1 st 3 Piezoelectric Composites for Ultrasonic Transducer Applications. <i>Journal of Electronic Materials</i> , 2013, 42, 2564-2569.	2.2	16

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19	Noninvasive photoacoustic detecting intraocular foreign bodies with an annular transducer array. Optics Express, 2013, 21, 984.	3.4	5
20	3D-visual laser-diode-based photoacoustic imaging. Optics Express, 2012, 20, 1237.	3.4	49
21	Full-field 3D photoacoustic imaging based on plane transducer array and spatial phase-controlled algorithm. Medical Physics, 2011, 38, 1561-1566.	3.0	15