

# Srinath Rajagopal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2216067/publications.pdf>

Version: 2024-02-01

13  
papers

104  
citations

1684188

5  
h-index

1720034

7  
g-index

13  
all docs

13  
docs citations

13  
times ranked

98  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reference Characterisation of Sound Speed and Attenuation of the IEC Agar-Based Tissue-Mimicking Material Up to a Frequency of 60MHz. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 317-333.	1.5	50
2	100MHz bandwidth planar laser-generated ultrasound source for hydrophone calibration. <i>Ultrasonics</i> , 2020, 108, 106218.	3.9	14
3	Laser generated ultrasound sources using carbon-polymer nanocomposites for high frequency metrology. <i>Journal of the Acoustical Society of America</i> , 2018, 144, 584-597.	1.1	11
4	A Copolymer-in-Oil Tissue-Mimicking Material With Tuneable Acoustic and Optical Characteristics for Photoacoustic Imaging Phantoms. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 3593-3603.	8.9	10
5	Measurement of the temperature-dependent output of lead zirconate titanate transducers. <i>Ultrasonics</i> , 2021, 114, 106378.	3.9	8
6	Modelling laser ultrasound waveforms: The effect of varying pulse duration and material properties. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 2040-2054.	1.1	5
7	Development and investigation of the acoustic properties of tissue-mimicking materials for photoacoustic imaging techniques. , 2019, , .		3
8	Calibration of miniature medical ultrasonic hydrophones for frequencies in the range 100 to 500 kHz using an ultrasonically absorbing waveguide. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2014, 61, 765-778.	3.0	2
9	Effect of Backing on Carbon-Polymer Nanocomposite Sources for Laser Generation of Broadband Ultrasound Pulses. , 2018, , .		1
10	Reducing uncertainties for spatial averaging at high frequencies. , 2017, , .		0
11	Laser generated ultrasound sources using polymer nanocomposites for high frequency metrology. , 2017, , .		0
12	Laser generated ultrasound sources using polymer nanocomposites for high frequency metrology. , 2017, , .		0
13	Comparison of techniques to characterise the point spread function of an acoustic-resolution photoacoustic microscope. , 2019, , .		0