

# Songyuan Tang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3508221/publications.pdf>

Version: 2024-02-01

10  
papers

275  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two Time-Scale Tracking Control of Nonholonomic Wheeled Mobile Robots. IEEE Transactions on Control Systems Technology, 2016, 24, 2059-2069.	5.2	131
2	Non-invasive imaging of Young's modulus and Poisson's ratio in cancers in vivo. Scientific Reports, 2020, 10, 7266.	3.3	43
3	A New Method for Estimating the Effective Poisson's Ratio in Ultrasound Poroelastography. IEEE Transactions on Medical Imaging, 2018, 37, 1178-1191.	8.9	35
4	Non-Invasive Assessment of the Spatial and Temporal Distributions of Interstitial Fluid Pressure, Fluid Velocity and Fluid Flow in Cancers <i>In Vivo</i> . IEEE Access, 2021, 9, 89222-89233.	4.2	15
5	Effect of bone-soft tissue friction on ultrasound axial shear strain elastography. Physics in Medicine and Biology, 2017, 62, 6074-6091.	3.0	11
6	A CNN-based method to reconstruct 3-D spine surfaces from US images in vivo. Medical Image Analysis, 2021, 74, 102221.	11.6	11
7	A Model-Based Approach to Investigate the Effect of a Long Bone Fracture on Ultrasound Strain Elastography. IEEE Transactions on Medical Imaging, 2018, 37, 2704-2717.	8.9	10
8	Identification of ultrasound imaging markers to quantify long bone regeneration in a segmental tibial defect sheep model in vivo. Scientific Reports, 2020, 10, 13646.	3.3	10
9	Ultrasound shear wave elastography effectively predicts integrity of ventral hernia repair using acellular dermal matrix augmented with platelet-rich plasma (PRP). Surgical Endoscopy and Other Interventional Techniques, 2019, 33, 2802-2811.	2.4	5
10	Assessment of the long bone inter-fragmentary gap size in ultrasound strain elastograms. Physics in Medicine and Biology, 2019, 64, 025014.	3.0	4