

# Takuro Ishii

## List of Publications by Year in descending order

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21  
papers

116  
citations

1307543

7  
h-index

1372553

10  
g-index

21  
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21  
docs citations

21  
times ranked

99  
citing authors

#	ARTICLE	IF	CITATIONS
1	Helical toroid phantom for 3D flow imaging investigations. <i>Physics in Medicine and Biology</i> , 2021, 66, 045029.	3.0	2
2	A Deep Learning Approach to Resolve Aliasing Artifacts in Ultrasound Color Flow Imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2020, 67, 2615-2628.	3.0	19
3	Contrast-Enhanced Urodynamic Vector Projectile Imaging (CE-UroVPI) for Urethral Voiding Visualization: Principles and Phantom Studies. <i>Urology</i> , 2020, 140, 171-177.	1.0	10
4	The Hybrid Optical and Photoacoustic Microscopy: a Novel System to Image Morphological and Photoacoustic Characteristics of Cells. , 2020, , .		0
5	Deformable phantoms of the prostatic urinary tract for urodynamic investigations. <i>Medical Physics</i> , 2019, 46, 3034-3043.	3.0	10
6	Segmentation of Aliasing Artefacts in Ultrasound Color Flow Imaging Using Convolutional Neural Networks. <i>Lecture Notes in Computer Science</i> , 2019, , 452-461.	1.3	1
7	A comparative study of the acute and long-term prognosis for mouse models undergoing laparoscopic surgery under continuous intra-abdominal perfusion with either CO2 gas or saline. <i>Cogent Medicine</i> , 2018, 5, 1510358.	0.7	0
8	Vector Flow Visualization of Urinary Flow Dynamics in a Bladder Outlet Obstruction Model. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 2601-2610.	1.5	16
9	Notice of Removal: Time-resolved vector projectile imaging of urinary flow dynamics. , 2017, , .		0
10	Skeletonization of Renal Cysts of Autosomal Dominant Polycystic Kidney Disease Using Magnetic Resonance Imaging. <i>Journal of Medical Imaging and Health Informatics</i> , 2017, 7, 568-573.	0.3	1
11	Physiological and Biochemical Responses to Continuous Saline Irrigation Inside the Abdominal Cavity in Anesthetized Pigs. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016, 26, 600-605.	1.0	1
12	Small-Incision Laparoscopy-Assisted Surgery Under Abdominal Cavity Irrigation in a Porcine Model. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016, 26, 122-128.	1.0	7
13	Therapeutic designing for urethral obstruction by virtual urethra and flow dynamics simulation. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2015, 24, 141-147.	1.2	4
14	URINE FLOW DYNAMICS THROUGH THE URETHRA IN PATIENTS WITH BLADDER OUTLET OBSTRUCTION. <i>Journal of Mechanics in Medicine and Biology</i> , 2014, 14, 1450052.	0.7	8
15	Urine Flow Dynamics Through Prostatic Urethra With Tubular Organ Modeling Using Endoscopic Imagery. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2014, 2, 1-9.	3.7	15
16	Extraction of Vibration of the Female Bladder Outlet Using Cystourethroscopic Image Under Intermittent Irrigation. <i>Journal of Medical Imaging and Health Informatics</i> , 2013, 3, 79-83.	0.3	0
17	Water-Filled Laparo-Endoscopic Surgery (WAFLES): A New Surgical System Performed Under Irrigation of Isotonic Water. <i>Journal of Medical Imaging and Health Informatics</i> , 2013, 3, 59-64.	0.3	2
18	Analysis of Energy Loss Mediated by an Alpha-1 Blocker in Patients with Benign Prostatic Hyperplasia Using a Virtual Urethra Processed from an Endoscopic Video Image. <i>Journal of Endourology</i> , 2012, 26, 1216-1220.	2.1	7

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19	Novel Points of View for Endoscopy: Panoramized Intraluminal Opened Image and 3D Shape Reconstruction. Journal of Medical Imaging and Health Informatics, 2011, 1, 13-20.	0.3	9
20	Correction of paradoxical vision by simulated depth cue and inverted mirror image for laparoscopic surgery., 2010, , .		0
21	ASSESSMENT OF VOIDING FLUNCTION BY ENDOSCOPIC IMAGING “ A PRELIMINARY REPORT. Journal of Mechanics in Medicine and Biology, 2009, 09, 609-620.	0.7	4