

Jayender Jagadeesan

List of Publications by Year in descending order

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39
papers

736
citations

623188

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39
docs citations

39
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	EMDQ: Removal of Image Feature Mismatches in Real-Time. IEEE Transactions on Image Processing, 2022, 31, 706-720.	6.0	3
2	3D deep learning based classification of pulmonary ground glass opacity nodules with automatic segmentation. Computerized Medical Imaging and Graphics, 2021, 88, 101814.	3.5	12
3	Unimodal Cyclic Regularization For Training Multimodal Image Registration Networks. , 2021, 2021, .		2
4	A novel dual-network architecture for mixed-supervised medical image segmentation. Computerized Medical Imaging and Graphics, 2021, 89, 101841.	3.5	8
5	F3RNet: full-resolution residual registration network for deformable image registration. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 923-932.	1.7	9
6	Unsupervised Multimodal Image Registration with Adaptive Gradient Guidance. , 2021, 2021, .		5
7	Real-Time Nonrigid Mosaicking of Laparoscopy Images. IEEE Transactions on Medical Imaging, 2021, 40, 1726-1736.	5.4	6
8	Real-Time Dense Reconstruction of Tissue Surface From Stereo Optical Video. IEEE Transactions on Medical Imaging, 2020, 39, 400-412.	5.4	21
9	Adversarial Uni- and Multi-modal Stream Networks for Multimodal Image Registration. Lecture Notes in Computer Science, 2020, 12263, 222-232.	1.0	39
10	MR Imaging of the Extracranial Facial Nerve with the CISS Sequence. American Journal of Neuroradiology, 2019, 40, 1954-1959.	1.2	12
11	Re-weighting and 1-Point RANSAC-Based P P Solution to Handle Outliers. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 3022-3033.	9.7	29
12	Mixed-Supervised Dual-Network for Medical Image Segmentation. Lecture Notes in Computer Science, 2019, 11765, 192-200.	1.0	13
13	Real-Time Surface Deformation Recovery from Stereo Videos. Lecture Notes in Computer Science, 2019, 11764, 339-347.	1.0	1
14	Comparison of Standard of Care Imaging vs Augmented Reality to Visualize Temporal Bone Structures. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, .	0.4	0
15	Kalman filter-based EM-optical sensor fusion for needle deflection estimation. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 573-583.	1.7	9
16	Jugulodigastric lymph node size by age on CT in an adult cancer-free population. Clinical Imaging, 2018, 47, 30-33.	0.8	9
17	Real-time probe tracking using EM-optical sensor for MRI-guided cryoablation. International Journal of Medical Robotics and Computer Assisted Surgery, 2018, 14, e1871.	1.2	5
18	A Novel Mixed Reality Navigation System for Laparoscopy Surgery. Lecture Notes in Computer Science, 2018, 11073, 72-80.	1.0	13

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19	MR Imaging of the Facial Nerve through the Temporal Bone at 3T with a Noncontrast Ultrashort Echo Time Sequence. <i>American Journal of Neuroradiology</i> , 2018, 39, 1903-1906.	1.2	14
20	Surgical Planning of Temporal Bone Skull Base Defects Using 3D Patient-Specific Models. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S1-S188.	0.4	0
21	Computer-aided heterogeneity analysis in breast MR imaging assessment of ductal carcinoma in situ: Correlating histologic grade and receptor status. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1748-1759.	1.9	22
22	Feasibility of Intraoperative Breast MRI and the Role of Prone Versus Supine Positioning in Surgical Planning for Breast-Conserving Surgery. <i>Breast Journal</i> , 2017, 23, 713-717.	0.4	19
23	Computer-Aided Diagnosis of Ground-Glass Opacity Nodules Using Open-Source Software for Quantifying Tumor Heterogeneity. <i>American Journal of Roentgenology</i> , 2017, 209, 1216-1227.	1.0	25
24	Surgical Planning of Temporal Bone Skull Base Defects Using 3D Patient-Specific Models. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.4	0
25	Editorial "Special Issue on Image-Guided Intelligent Interventions. <i>Journal of Medical Robotics Research</i> , 2016, 01, 1601001.	1.0	0
26	Increasing the impact of medical image computing using community-based open-access hackathons: The NA-MIC and 3D Slicer experience. <i>Medical Image Analysis</i> , 2016, 33, 176-180.	7.0	58
27	Intraoperative Supine Breast MR Imaging to Quantify Tumor Deformation and Detection of Residual Breast Cancer: Preliminary Results. <i>Radiology</i> , 2016, 281, 720-729.	3.6	29
28	An Immersive Virtual Reality Environment for Diagnostic Imaging. <i>Journal of Medical Robotics Research</i> , 2016, 01, 1640003.	1.0	31
29	MRI findings of radiation-associated angiosarcoma of the breast (RAS). <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 763-770.	1.9	31
30	MRI Kinetics With Volumetric Analysis in Correlation With Hormonal Receptor Subtypes and Histologic Grade of Invasive Breast Cancers. <i>American Journal of Roentgenology</i> , 2015, 204, W348-W356.	1.0	23
31	Real-Time Localization of Parathyroid Adenoma during Parathyroidectomy. <i>New England Journal of Medicine</i> , 2015, 373, 96-98.	13.9	109
32	Magnetic Resonance Imaging-Guided Breast Interventions. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2015, 23, 547-561.	0.6	5
33	Multimodal imaging for improved diagnosis and treatment of cancers. <i>Cancer</i> , 2015, 121, 817-827.	2.0	91
34	An anomalous developmental venous anomaly. <i>Neurology</i> , 2014, 83, 1033-1034.	1.5	3
35	Pilot Study to Evaluate Feasibility of Image-Guided Breast-Conserving Therapy in the Advanced Multimodal Image-Guided Operating (AMIGO) Suite. <i>Annals of Surgical Oncology</i> , 2014, 21, 3356-3357.	0.7	12
36	Statistical Learning Algorithm for in situ and invasive breast carcinoma segmentation. <i>Computerized Medical Imaging and Graphics</i> , 2013, 37, 281-292.	3.5	8

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37	Tu1456 Deconstructing the Colonoscopic Examination: Preliminary Results Comparing Expert and Novice Kinematic Profiles in Screening Colonoscopy. <i>Gastrointestinal Endoscopy</i> , 2011, 73, AB415-AB416.	0.5	2
38	A Robust Position and Force Control Strategy for 7-DOF Redundant Manipulators. <i>IEEE/ASME Transactions on Mechatronics</i> , 2009, 14, 575-589.	3.7	54
39	Optimal Transseptal Puncture Location for Robot-Assisted Left Atrial Catheter Ablation. <i>Lecture Notes in Computer Science</i> , 2009, 12, 1-8.	1.0	4