Jayender Jagadeesan

List of Publications by Year
in descending order

39 papers	736 citations	623188 14 h-index	552369 26 g-index
39 all docs	39 docs citations	39 times ranked	1335 citing authors

#	Article	IF	Citations
1	Real-Time Localization of Parathyroid Adenoma during Parathyroidectomy. New England Journal of Medicine, 2015, 373, 96-98.	13.9	109
2	Multimodal imaging for improved diagnosis and treatment of cancers. Cancer, 2015, 121, 817-827.	2.0	91
3	Increasing the impact of medical image computing using community-based open-access hackathons: The NA-MIC and 3D Slicer experience. Medical Image Analysis, 2016, 33, 176-180.	7.0	58
4	A Robust Position and Force Control Strategy for 7-DOF Redundant Manipulators. IEEE/ASME Transactions on Mechatronics, 2009, 14, 575-589.	3.7	54
5	Adversarial Uni- and Multi-modal Stream Networks for Multimodal Image Registration. Lecture Notes in Computer Science, 2020, 12263, 222-232.	1.0	39
6	MRI findings of radiation€associated angiosarcoma of the breast (RAS). Journal of Magnetic Resonance Imaging, 2015, 42, 763-770.	1.9	31
7	An Immersive Virtual Reality Environment for Diagnostic Imaging. Journal of Medical Robotics Research, 2016, 01, 1640003.	1.0	31
8	Intraoperative Supine Breast MR Imaging to Quantify Tumor Deformation and Detection of Residual Breast Cancer: Preliminary Results. Radiology, 2016, 281, 720-729.	3.6	29
9	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
10	Computer-Aided Diagnosis of Ground-Glass Opacity Nodules Using Open-Source Software for Quantifying Tumor Heterogeneity. American Journal of Roentgenology, 2017, 209, 1216-1227.	1.0	25
11	MRI Kinetics With Volumetric Analysis in Correlation With Hormonal Receptor Subtypes and Histologic Grade of Invasive Breast Cancers. American Journal of Roentgenology, 2015, 204, W348-W356.	1.0	23
12	Computer€aided heterogeneity analysis in breast MR imaging assessment of ductal carcinoma in situ: Correlating histologic grade and receptor status. Journal of Magnetic Resonance Imaging, 2017, 46, 1748-1759.	1.9	22
13	Real-Time Dense Reconstruction of Tissue Surface From Stereo Optical Video. IEEE Transactions on Medical Imaging, 2020, 39, 400-412.	5.4	21
14	Feasibility of Intraoperative Breast MRI and the Role of Prone Versus Supine Positioning in Surgical Planning for Breast-Conserving Surgery. Breast Journal, 2017, 23, 713-717.	0.4	19
15	MR Imaging of the Facial Nerve through the Temporal Bone at 3T with a Noncontrast Ultrashort Echo Time Sequence. American Journal of Neuroradiology, 2018, 39, 1903-1906.	1.2	14
16	A Novel Mixed Reality Navigation System for Laparoscopy Surgery. Lecture Notes in Computer Science, 2018, 11073, 72-80.	1.0	13
17	Mixed-Supervised Dual-Network for Medical Image Segmentation. Lecture Notes in Computer Science, 2019, 11765, 192-200.	1.0	13
18	Pilot Study to Evaluate Feasibility of Image-Guided Breast-Conserving Therapy in the Advanced Multimodal Image-Guided Operating (AMIGO) Suite. Annals of Surgical Oncology, 2014, 21, 3356-3357.	0.7	12

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19	MR Imaging of the Extracranial Facial Nerve with the CISS Sequence. American Journal of Neuroradiology, 2019, 40, 1954-1959.	1.2	12
20	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
21	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
22	Jugulodigastric lymph node size by age on CT in an adult cancer-free population. Clinical Imaging, 2018, 47, 30-33.	0.8	9
23	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
24	Statistical Learning Algorithm for in situ and invasive breast carcinoma segmentation. Computerized Medical Imaging and Graphics, 2013, 37, 281-292.	3.5	8
25	A novel dual-network architecture for mixed-supervised medical image segmentation. Computerized Medical Imaging and Graphics, 2021, 89, 101841.	3.5	8
26	Real-Time Nonrigid Mosaicking of Laparoscopy Images. IEEE Transactions on Medical Imaging, 2021, 40, 1726-1736.	5.4	6
27	Magnetic Resonance Imagingâ€"Guided Breast Interventions. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 547-561.	0.6	5
28	Realâ€time probe tracking using EMâ€optical sensor for MRIâ€guided cryoablation. International Journal of Medical Robotics and Computer Assisted Surgery, 2018, 14, e1871.	1.2	5
29	Unsupervised Multimodal Image Registration with Adaptative Gradient Guidance. , 2021, 2021, .		5
30	Optimal Transseptal Puncture Location for Robot-Assisted Left Atrial Catheter Ablation. Lecture Notes in Computer Science, 2009, 12, 1-8.	1.0	4
31	An anomalous developmental venous anomaly. Neurology, 2014, 83, 1033-1034.	1.5	3
32	EMDQ: Removal of Image Feature Mismatches in Real-Time. IEEE Transactions on Image Processing, 2022, 31, 706-720.	6.0	3
33	Tu1456 Deconstructing the Colonoscopic Examination: Preliminary Results Comparing Expert and Novice Kinematic Profiles in Screening Colonoscopy. Gastrointestinal Endoscopy, 2011, 73, AB415-AB416.	0.5	2
34	Unimodal Cyclic Regularization For Training Multimodal Image Registration Networks. , 2021, 2021, .		2
35	Real-Time Surface Deformation Recovery from Stereo Videos. Lecture Notes in Computer Science, 2019, 11764, 339-347.	1.0	1
36	Editorial â€" Special Issue on Image-Guided Intelligent Interventions. Journal of Medical Robotics Research, 2016, 01, 1601001.	1.0	0

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37	Surgical Planning of Temporal Bone Skull Base Defects Using 3D Patient-Specific Models. Journal of Neurological Surgery, Part B: Skull Base, 2017, 78, S1-S156.	0.4	0
38	Surgical Planning of Temporal Bone Skull Base Defects Using 3D Patient-Specific Models. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S1-S188.	0.4	0
39	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