

Josip VidakoviÄ

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

95
citations

1478505

6
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain biopsy performed with the RONNA G3 system: a case study on using a novel robotic navigation device for stereotactic neurosurgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2018, 14, e1884.	2.3	19
2	Automated Marker Localization in the Planning Phase of Robotic Neurosurgery. <i>IEEE Access</i> , 2017, 5, 12265-12274.	4.2	18
3	Medical applicability of a low-cost industrial robot arm guided with an optical tracking system. , 2015, , .		12
4	RONNA G4“Robotic Neuronavigation: A Novel Robotic Navigation Device for Stereotactic Neurosurgery. , 2020, , 599-625.		10
5	Frameless stereotactic brain biopsy: A prospective study on robot-assisted brain biopsies performed on 32 patients by using the RONNA G4 system. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2021, 17, e2245.	2.3	10
6	Validation of Three KUKA Agilus Robots for Application in Neurosurgery. <i>Mechanisms and Machine Science</i> , 2018, , 996-1006.	0.5	7
7	Influence of the Localization Strategy on the Accuracy of a Neurosurgical Robot System. <i>Transactions of Famena</i> , 2018, 42, 27-38.	0.6	6
8	Learning from Demonstration Based on a Classification of Task Parameters and Trajectory Optimization. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2020, 99, 261-275.	3.4	6
9	Accelerating Robot Trajectory Learning for Stochastic Tasks. <i>IEEE Access</i> , 2020, 8, 71993-72006.	4.2	2
10	Simulation for Robotic Stereotactic Neurosurgery. <i>Annals of DAAAM & Proceedings</i> , 2016, , 0562-0568.	0.1	2
11	T-Phantom: a New Phantom Design for Neurosurgical Robotics. <i>Annals of DAAAM & Proceedings</i> , 2016, , 0266-0270.	0.1	2
12	Clinical application of the RONNA G4 system “ preliminary validation of 23 robotic frameless brain biopsies. <i>Croatian Medical Journal</i> , 2021, 62, 318-327.	0.7	1