

Suren Kumar

List of Publications by Year in descending order

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16
papers

111
citations

2258059

3
h-index

1872680

6
g-index

16
all docs

16
docs citations

16
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Compositional Sparse Bimodal Models. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1032-1044.	13.9	0
2	Approximating Markov Chain Approach to Optimal Feedback Control of a Flexible Needle. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2016, 138, .	1.6	3
3	Surgical tool pose estimation from monocular endoscopic videos. , 2015, , .		4
4	Computer-Vision-Based Decision Support in Surgical Robotics. IEEE Design and Test, 2015, 32, 89-97.	1.2	12
5	Surgical Performance Assessment. Mechanical Engineering, 2015, 137, S7-S10.	0.1	3
6	Improving Person Tracking Using an Inexpensive Thermal Infrared Sensor. , 2014, , .		23
7	Surgical tool attributes from monocular video. , 2014, , .		8
8	Estimating Dynamics On-the-Fly Using Monocular Video For Vision-Based Robotics. IEEE/ASME Transactions on Mechatronics, 2014, 19, 1412-1423.	5.8	6
9	Product of tracking experts for visual tracking of surgical tools. , 2013, , .		17
10	Automation for individualization of Kinect-based quantitative progressive exercise regimen. , 2013, , .		7
11	Overview of Robotics Activities in India (2013) [Industrial Activities]. IEEE Robotics and Automation Magazine, 2013, 20, 15-17.	2.0	0
12	Video-Analytics for Enhancing Safety and Decision-Support in Surgical Workflows. , 2013, , .		2
13	Combining Skeletal Pose with Local Motion for Human Activity Recognition. Lecture Notes in Computer Science, 2012, , 114-123.	1.3	16
14	An Optimization Based Framework for Human Pose Estimation in Monocular Videos. Lecture Notes in Computer Science, 2012, , 575-586.	1.3	4
15	Estimating Dynamics On-the-Fly Using Monocular Video. , 2011, , .		1
16	Estimating Human Dynamics On-the-fly Using Monocular Video For Pose Estimation. , 0, , .		5