Parmida Beigi

List of Publications by Year
in descending order

13 papers	**222** citations

1163117
8 h-index	

1199594
12 g-index

14 all docs	**14** docs citations

14 times ranked	**280** citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of needle visualization and localization in ultrasound. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 169-178.	2.8	20
2	Detection of an invisible needle in ultrasound using a probabilistic SVM and time-domain features. Ultrasonics, 2017, 78, 18-22.	3.9	17
3	Novel 3D ultrasound system for midline single-operator epidurals: a feasibility study on a porcine model. International Journal of Obstetric Anesthesia, 2017, 31, 51-56.	0.4	6
4	CASPER: computer-aided segmentation of imperceptible motion—a learning-based tracking of an invisible needle in ultrasound. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1857-1866.	2.8	15
5	Three-Dimensional Ultrasound-Guided Real-Time Midline Epidural Needle Placement with Epiguide: A Prospective Feasibility Study. Ultrasound in Medicine and Biology, 2017, 43, 375-379.	1.5	16
6	Spectral analysis of the tremor motion for needle detection in curvilinear ultrasound via spatiotemporal linear sampling. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1183-1192.	2.8	20
7	Automatic detection of a hand-held needle in ultrasound via phased-based analysis of the tremor motion. Proceedings of SPIE, 2016, , .	0.8	3
8	Needle Trajectory and Tip Localization in Real-Time 3-D Ultrasound Using a Moving Stylus. Ultrasound in Medicine and Biology, 2015, 41, 2057-2070.	1.5	29
9	Needle detection in ultrasound using the spectral properties of the displacement field: a feasibility study. Proceedings of SPIE, 2015, , .	0.8	2
10	Sex and Smoking Status Effects on the Early Detection of Early Lung Cancer in High-Risk Smokers Using an Electronic Nose. IEEE Transactions on Biomedical Engineering, 2015, 62, 2044-2054.	4.2	76
11	Projection-Based Phase Features for Localization of a Needle Tip in 2D Curvilinear Ultrasound. Lecture Notes in Computer Science, 2015, , 347-354.	1.3	11
12	Needle localization using a moving stylet/catheter in ultrasound-guided regional anesthesia: a feasibility study. Proceedings of SPIE, 2014, , .	0.8	1
13	Compressive sensing based multiview image coding with belief propagation. , 2010, , .		6