

Charles X B Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2918522/publications.pdf>

Version: 2024-02-01

10
papers

207
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Open-source software for ultrasound-based guidance in spinal fusion surgery. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 3353-3368.	1.5	4
2	Toward real-time rigid registration of intra-operative ultrasound with preoperative CT images for lumbar spinal fusion surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 1933-1943.	2.8	12
3	User-friendly freehand ultrasound calibration using Lego bricks and automatic registration. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 1703-1711.	2.8	11
4	Postpartum sacral insufficiency fractures. <i>Skeletal Radiology</i> , 2016, 45, 413-417.	2.0	11
5	Validation of a hybrid Doppler ultrasound vessel-based registration algorithm for neurosurgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012, 7, 667-685.	2.8	17
6	Ultrasound-CT registration of vertebrae without reconstruction. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012, 7, 901-909.	2.8	24
7	Validation of automated ultrasound-CT registration of vertebrae. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2012, 7, 601-610.	2.8	15
8	New prototype neuronavigation system based on preoperative imaging and intraoperative freehand ultrasound: system description and validation. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2011, 6, 507-522.	2.8	65
9	Towards accurate, robust and practical ultrasound-CT registration of vertebrae for image-guided spine surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2011, 6, 523-537.	2.8	46
10	Gradient Distortion Correction for Low Frequency Current Density Imaging. , 2006, 2006, 260-3.		2