

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