Karl-Ingo Friese

List of Publications by Year
in descending order

15 papers	167 citations	1684188 5 h-index	1372567 10 g-index
15 all docs	15 docs citations	15 times ranked	267 citing authors

#	Article	IF	Citations
1	Interâ€•and intraâ€•operator reliability in patientâ€•specific template positioning for total hip arthroplasty. A cadaver study. International Journal of Medical Robotics and Computer Assisted Surgery, 2018, 14, e1887.	2.3	2
2	Helical Axis Data Visualization and Analysis of the Knee Joint Articulation. Journal of Biomechanical Engineering, 2016, 138, .	1.3	5
3	Model-based segmentation in orbital volume measurement with cone beam computed tomography and evaluation against current concepts. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 1-9.	2.8	56
4	A Semantically Adaptable Integrated Visualization and Natural Exploration of Multi-scale Biomedical Data. , 2015, , .		1
5	Development of a reliable method for orbit segmentation & measuring. , 2015, , .		2
6	Enhanced Visualization of the Knee Joint Functional Articulation Based on Helical Axis Method. Informatik Aktuell, 2015, , 449-454.	0.6	1
7	Validation of an Anatomical Coordinate System for Clinical Evaluation of the Knee Joint in Upright and Closed MRI. Annals of Biomedical Engineering, 2014, 42, 1133-1142.	2.5	4
8	Visualization and User Interaction Methods for Multiscale Biomedical Data. , 2014, , 107-133.		5
9	Multimodal Approach for Natural Biomedical Multi-scale Exploration. Lecture Notes in Computer Science, 2014, , 620-631.	1.3	3
10	Analysis of tomographic mineralogical data using YaDiVâ€”Overview and practical case study. Computers and Geosciences, 2013, 56, 92-103.	4.2	26
11	Haptic Rendering of Volume Data with Collision Detection Guarantee Using Path Finding. Lecture Notes in Computer Science, 2013, , 212-231.	1.3	5
12	Ray casting for collision detection in haptic rendering of volume data. , 2012, , .		4
13	Haptic Rendering of Volume Data with Collision Determination Guarantee Using Ray Casting and Implicit Surface Representation. , 2012, , .		9
14	YaDiVâ€”an open platform for 3D visualization andÂ3DÂsegmentation of medical data. Visual Computer, 2011, 27, 129-139.	3.5	30
15	Using Game Engines for Visualization in Scientific Applications. International Federation for Information Processing, 2008, , 11-22.	0.4	14