

Jochen Kruecker

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

3,539
citations

346980

22
h-index

591227

27
g-index

29
all docs

29
docs citations

29
times ranked

3665
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning deep similarity metric for 3D MRâ€“TRUS image registration. International Journal of Computer Assisted Radiology and Surgery, 2019, 14, 417-425.	1.7	101
2	EMâ€“enhanced USâ€“based seed detection for prostate brachytherapy. Medical Physics, 2018, 45, 2357-2368.	1.6	8
3	Is Visual Registration Equivalent to Semiautomated Registration in Prostate Biopsy?. BioMed Research International, 2015, 2015, 1-7.	0.9	22
4	The Role of Image Guided Biopsy Targeting in Patients with Atypical Small Acinar Proliferation. Journal of Urology, 2015, 193, 473-478.	0.2	30
5	Multiparametric magnetic resonance imaging-transrectal ultrasound fusionâ€“assisted biopsy for the diagnosis of local recurrence after radical prostatectomy. Urologic Oncology: Seminars and Original Investigations, 2015, 33, 425.e1-425.e6.	0.8	32
6	Electromagnetic tracking for catheter reconstruction in ultrasound-guided high-dose-rate brachytherapy of the prostate. Brachytherapy, 2014, 13, 640-650.	0.2	58
7	Prostate Biopsy for the Interventional Radiologist. Journal of Vascular and Interventional Radiology, 2014, 25, 675-684.	0.2	15
8	Ultrasound-Based Predication of Prostate Cancer in MRI-guided Biopsy. Lecture Notes in Computer Science, 2014, , 142-150.	1.0	3
9	Intravoxel incoherent motion MR imaging for prostate cancer: An evaluation of perfusion fraction and diffusion coefficient derived from different b -value combinations. Magnetic Resonance in Medicine, 2013, 69, 553-562.	1.9	169
10	Utility of Multiparametric Magnetic Resonance Imaging Suspicion Levels for Detecting Prostate Cancer. Journal of Urology, 2013, 190, 1721-1727.	0.2	171
11	Magnetic Resonance Imaging/Ultrasoundâ€“Fusion Biopsy Significantly Upgrades Prostate Cancer Versus Systematic 12-core Transrectal Ultrasound Biopsy. European Urology, 2013, 64, 713-719.	0.9	436
12	An elastic registration framework to estimate prostate deformation in endorectal MR scans. Proceedings of SPIE, 2012, , .	0.8	0
13	Multiparametric Magnetic Resonance Imaging and Ultrasound Fusion Biopsy Detect Prostate Cancer in Patients with Prior Negative Transrectal Ultrasound Biopsies. Journal of Urology, 2012, 188, 2152-2157.	0.2	227
14	Multimodality Image Fusionâ€“Guided Procedures: Technique, Accuracy, and Applications. CardioVascular and Interventional Radiology, 2012, 35, 986-998.	0.9	127
15	Adaptively Learning Local Shape Statistics for Prostate Segmentation in Ultrasound. IEEE Transactions on Biomedical Engineering, 2011, 58, 633-641.	2.5	62
16	D'Amico Risk Stratification Correlates With Degree of Suspicion of Prostate Cancer on Multiparametric Magnetic Resonance Imaging. Journal of Urology, 2011, 185, 815-820.	0.2	113
17	Magnetic Resonance Imaging/Ultrasound Fusion Guided Prostate Biopsy Improves Cancer Detection Following Transrectal Ultrasound Biopsy and Correlates With Multiparametric Magnetic Resonance Imaging. Journal of Urology, 2011, 186, 1281-1285.	0.2	408
18	Documenting the location of systematic transrectal ultrasound-guided prostate biopsies: correlation with multi-parametric MRI. Cancer Imaging, 2011, 11, 31-36.	1.2	21

#	ARTICLE	IF	CITATIONS
19	Documenting the location of prostate biopsies with image fusion. <i>BJU International</i> , 2011, 107, 53-57.	1.3	55
20	Accelerated T ₂ mapping for characterization of prostate cancer. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 1400-1406.	1.9	62
21	Is Apparent Diffusion Coefficient Associated with Clinical Risk Scores for Prostate Cancers that Are Visible on 3-T MR Images?. <i>Radiology</i> , 2011, 258, 488-495.	3.6	372
22	Discrete Deformable Model Guided by Partial Active Shape Model for TRUS Image Segmentation. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 1158-1166.	2.5	100
23	Navigation Systems for Ablation. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, S257-S263.	0.2	96
24	Initial clinical experience with real-time transrectal ultrasonography-magnetic resonance imaging fusion-guided prostate biopsy. <i>BJU International</i> , 2008, 101, 841-845.	1.3	166
25	Real-time MRI-TRUS fusion for guidance of targeted prostate biopsies. <i>Computer Aided Surgery</i> , 2008, 13, 255-264.	1.8	272
26	Technologies for Guidance of Radiofrequency Ablation in the Multimodality Interventional Suite of the Future. <i>Journal of Vascular and Interventional Radiology</i> , 2007, 18, 9-24.	0.2	151
27	Closed-Loop Control in Fused MR-TRUS Image-Guided Prostate Biopsy. , 2007, 10, 128-135.		44
28	Navigation with Electromagnetic Tracking for Interventional Radiology Procedures: A Feasibility Study. <i>Journal of Vascular and Interventional Radiology</i> , 2005, 16, 493-505.	0.2	208