Andreas J Heinrich

List of Publications by Year
in descending order

14	107	1478505 6	1372567 10
papers	citations	h-index	g-index

15	15	15	79
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Forensic Odontology: Automatic Identification of Persons Comparing Antemortem and Postmortem Panoramic Radiographs Using Computer Vision. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2018, 190, 1152-1158.	1.3	23
2	Automatic human identification based on dental X-ray radiographs using computer vision. Scientific Reports, 2020, 10, 3801.	3.3	17
3	Automatic CT-based finite element model generation for temperature-based death time estimation: feasibility study and sensitivity analysis. International Journal of Legal Medicine, 2017, 131, 699-712.	2.2	16
4	Systematic evaluation of particle loss during handling in the percutaneous transluminal angioplasty for eight different drug-coated balloons. Scientific Reports, 2020, 10, 17220.	3.3	11
5	CT-based thermometry with virtual monoenergetic images by dual-energy of fat, muscle and bone using FBP, iterative and deep learningâ€“based reconstruction. European Radiology, 2022, 32, 424-431.	4.5	11
6	In vitro stent assessment by MRI: visibility of lumen and artifacts for 27 modern stents. Biomedizinische Technik, 2017, 62, 565-573.	0.8	6
7	Measurement of susceptibility artifacts with histogram-based reference value on magnetic resonance images according to standard ASTM F2119. Biomedizinische Technik, 2015, 60, 541-9.	0.8	5
8	Fully automatic CT-histogram-based fat estimation in dead bodies. International Journal of Legal Medicine, 2018, 132, 563-577.	2.2	5
9	Drug loss from Paclitaxel-Coated Balloons During Preparation, Insertion and Inflation for Angioplasty: A Laboratory Investigation. CardioVascular and Interventional Radiology, 2022, 45, 1186-1197.	2.0	5
10	Development of an Apparatus for Digital Measurement of Magnetically Induced Torque on Medical Implants to Facilitate the Application of the ASTM F2213 Standard. IEEE Transactions on Biomedical Engineering, 2019, 66, 3420-3425.	4.2	4
11	MRI following scoliosis surgery? An analysis of implant heating, displacement, torque, and susceptibility artifacts. European Radiology, 2021, 31, 4298-4307.	4.5	3
12	RFID-Based Real-Time Navigation for Interventional Magnetic Resonance Imaging: Development and Evaluation of a Novel Tracking System. Journal of Medical Devices, Transactions of the ASME, 2017, 11, .	0.7	1
13	Maximum instrument length for MR-guided minimal-invasive interventions of the lumbar spine in open high-field MRI. Biomedizinische Technik, 2012, 57, .	0.8	0
14	Can ferromagnetic metal detectors improve MRI safety?. Biomedizinische Technik, 2012, 57, .	0.8	0