

Andreas J Heinrich

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

107
citations

1478505

6
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

79
citing authors

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