

Sebastian Winklhofer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

807
citations

16
h-index

26
g-index

77
ext. papers

1,073
ext. citations

3.7
avg, IF

4.12
L-index

#	Paper	IF	Citations
70	Three-dimensional perception of cinematic rendering versus conventional volume rendering using CT and CBCT data of the facial skeleton.. <i>Annals of Anatomy</i> , 2022 , 241, 151905	2.9	2
69	Foundations of Lesion Detection Using Machine Learning in Clinical Neuroimaging. <i>Acta Neurochirurgica Supplementum</i> , 2022 , 134, 171-182	1.7	1
68	BSREM for Brain Metastasis Detection with 18F-FDG-PET/CT in Lung Cancer Patients.. <i>Journal of Digital Imaging</i> , 2022 , 1	5.3	0
67	Visualization of Inferior Alveolar and Lingual Nerve Pathology by 3D Double-Echo Steady-State MRI: Two Case Reports with Literature Review.. <i>Journal of Imaging</i> , 2022 , 8,	3.1	2
66	Magnetic resonance imaging for preoperative diagnosis in third molar surgery: a systematic review.. <i>Oral Radiology</i> , 2022 , 1	2.5	1
65	Neuroradiological Imaging. <i>Medical Radiology</i> , 2022 , 109-125	0.2	
64	Dental MRI of Oral Soft-Tissue TumorsOptimized Use of Black Bone MRI Sequences and a 15-Channel Mandibular Coil. <i>Journal of Imaging</i> , 2022 , 8, 146	3.1	2
63	The value of intraoperative MRI in recurrent intracranial tumor surgery. <i>Journal of Neurosurgery</i> , 2021 , 135, 524-531	3.2	
62	Comparison of Preoperative Cone-Beam Computed Tomography and 3D-Double Echo Steady-State MRI in Third Molar Surgery. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	3
61	Comparison of Preoperative Cone-Beam Computed Tomography and 3D-Double Echo Steady-State MRI in Third Molar Surgery. <i>Journal of Clinical Medicine</i> , 2021 , 10, 4768	5.1	5
60	NIMG-01. INTEROBSERVER VARIABILITY OF THE REVISED IMAGING SCORECARD FOR LEPTOMENINGEAL METASTASIS: A JOINT EORTC BRAIN TUMOR GROUP AND RANO EFFORT. <i>Neuro-Oncology</i> , 2021 , 23, vi126-vi127	1	0
59	Use of levamisole-adulterated cocaine is associated with increased load of white matter lesions. <i>Journal of Psychiatry and Neuroscience</i> , 2021 , 46, E281-E291	4.5	6
58	Unassisted and multiple microcatheter coiling of distal basilar aneurysms: Outcomes and literature review. <i>Interventional Neuroradiology</i> , 2021 , 15910199211021718	1.9	
57	Neurological complications of cancer immunotherapy. <i>Cancer Treatment Reviews</i> , 2021 , 97, 102189	14.4	10
56	Endovascular treatment of acute ischemic stroke. <i>Journal of Neurosurgical Sciences</i> , 2021 , 65, 259-268	1.3	1
55	Leptomeningeal collateral activation indicates severely impaired cerebrovascular reserve capacity in patients with symptomatic unilateral carotid artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 3039-3051	7.3	0
54	Circle of Willis variants and their association with outcome in patients with middle cerebral artery-M1-occlusion stroke. <i>European Journal of Neurology</i> , 2021 , 28, 3682-3691	6	2

53	Mandibular Third Molar Surgery: Intraosseous Localization of the Inferior Alveolar Nerve Using 3D Double-Echo Steady-State MRI (3D-DESS). <i>Diagnostics</i> , 2021 , 11,	3.8	8
52	Electrode migration after cochlear implantation. <i>Cochlear Implants International</i> , 2021 , 22, 103-110	1.7	2
51	Preoperative visualization of the lingual nerve by 3D double-echo steady-state MRI in surgical third molar extraction treatment. <i>Clinical Oral Investigations</i> , 2021 , 1	4.2	5
50	Visualization of the Inferior Alveolar Nerve and Lingual Nerve Using MRI in Oral and Maxillofacial Surgery: A Systematic Review. <i>Diagnostics</i> , 2021 , 11,	3.8	10
49	Primary Olfactory Neuroblastoma Masquerading as a Pituitary Adenoma : Case Report and Review of the Literature. <i>Clinical Neuroradiology</i> , 2020 , 30, 855-859	2.7	1
48	Two-year outcome comparison of decompression in 14 lipomatosis cases with 169 degenerative lumbar spinal stenosis cases: a Swiss prospective multicenter cohort study. <i>European Spine Journal</i> , 2020 , 29, 2243-2253	2.7	2
47	The influence of endplate (Modic) changes on clinical outcomes in lumbar spinal stenosis surgery: a Swiss prospective multicenter cohort study. <i>European Spine Journal</i> , 2020 , 29, 2205-2214	2.7	1
46	Deep learning based detection of intracranial aneurysms on digital subtraction angiography: A feasibility study. <i>Neuroradiology Journal</i> , 2020 , 33, 311-317	2	9
45	Large and Small Cerebral Vessel Involvement in Severe COVID-19: Detailed Clinical Workup of a Case Series. <i>Stroke</i> , 2020 , 51, 3719-3722	6.7	46
44	Long-term Results After Surgical or Nonsurgical Treatment in Patients With Degenerative Lumbar Spinal Stenosis: A Prospective Multicenter Study. <i>Spine</i> , 2020 , 45, 1030-1038	3.3	5
43	3D-cinematic rendering for dental and maxillofacial imaging. <i>Dentomaxillofacial Radiology</i> , 2020 , 49, 20190249	3.9	3
42	Impact of hypertension on cerebral microvascular structure in CPAP-treated obstructive sleep apnoea patients: a diffusion magnetic resonance imaging study. <i>Neuroradiology</i> , 2019 , 61, 1437-1445	3.2	4
41	The RANO Leptomeningeal Metastasis Group proposal to assess response to treatment: lack of feasibility and clinical utility and a revised proposal. <i>Neuro-Oncology</i> , 2019 , 21, 648-658	1	50
40	Qualitative versus quantitative lumbar spinal stenosis grading by machine learning supported texture analysis-Experience from the LSOS study cohort. <i>European Journal of Radiology</i> , 2019 , 114, 45-50	4.7	11
39	Comparison of Positive Oral Contrast Agents for Abdominopelvic CT. <i>American Journal of Roentgenology</i> , 2019 , 1-7	5.4	8
38	Validation and revision of the RANO Leptomeningeal Metastasis Group scorecard for response assessment.. <i>Journal of Clinical Oncology</i> , 2019 , 37, e13546-e13546	2.2	
37	Effects of short-term continuous positive airway pressure withdrawal on cerebral vascular reactivity measured by blood oxygen level-dependent magnetic resonance imaging in obstructive sleep apnoea: a randomised controlled trial. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	6
36	Cardiac-gated intravoxel incoherent motion diffusion-weighted magnetic resonance imaging for the investigation of intracranial cerebrospinal fluid dynamics in the lateral ventricle: a feasibility study. <i>Neuroradiology</i> , 2018 , 60, 413-419	3.2	7

35	Texture analysis of paraspinal musculature in MRI of the lumbar spine: analysis of the lumbar stenosis outcome study (LSOS) data. <i>Skeletal Radiology</i> , 2018 , 47, 947-954	2.7	19
34	Correlation of listhesis on upright radiographs and central lumbar spinal canal stenosis on supine MRI: is it possible to predict lumbar spinal canal stenosis?. <i>Skeletal Radiology</i> , 2018 , 47, 1269-1275	2.7	5
33	Does Preoperative Degenerative Spondylolisthesis Influence Outcome in Degenerative Lumbar Spinal Stenosis? Three-Year Results of a Swiss Prospective Multicenter Cohort Study. <i>World Neurosurgery</i> , 2018 , 114, e1275-e1283	2.1	3
32	Combining monoenergetic extrapolations from dual-energy CT with iterative reconstructions: reduction of coil and clip artifacts from intracranial aneurysm therapy. <i>Neuroradiology</i> , 2018 , 60, 281-293 ²	3.2	24
31	Emergency Extracranial-Intracranial Bypass to Revascularize Salvageable Brain Tissue in Acute Ischemic Stroke Patients. <i>World Neurosurgery</i> , 2018 , 109, e476-e485	2.1	21
30	Modic Type 1 Changes: Detection Performance of Fat-Suppressed Fluid-Sensitive MRI Sequences. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018 , 190, 152-160 ²	2.2	6
29	Prognostic function to estimate the probability of meaningful clinical improvement after surgery - Results of a prospective multicenter observational cohort study on patients with lumbar spinal stenosis. <i>PLoS ONE</i> , 2018 , 13, e0207126	3.7	17
28	Gouty arthritis: Can we avoid unnecessary dual-energy CT examinations using prior radiographs?. <i>PLoS ONE</i> , 2018 , 13, e0200473	3.7	3
27	Degenerative lumbar spinal canal stenosis: intra- and inter-reader agreement for magnetic resonance imaging parameters. <i>European Spine Journal</i> , 2017 , 26, 353-361	2.7	16
26	Accessory spleen versus lymph node: Value of iodine quantification with dual-energy computed tomography. <i>European Journal of Radiology</i> , 2017 , 87, 53-58	4.7	5
25	Rare Appearance, Rare Location and Unusual Patient Age : Report of Osteolytic Fibrous Dysplasia in the Temporal Bone of a 52-year-old Patient. <i>Clinical Neuroradiology</i> , 2017 , 27, 521-524	2.7	
24	Imaging of Myopathies. <i>Radiologic Clinics of North America</i> , 2017 , 55, 1055-1070	2.3	14
23	The Influence of Single-level Versus Multilevel Decompression on the Outcome in Multisegmental Lumbar Spinal Stenosis: Analysis of the Lumbar Spinal Outcome Study (LSOS) Data. <i>Clinical Spine Surgery</i> , 2017 , 30, E1367-E1375	1.8	11
22	Dual-Energy Computed Tomography in Stroke Imaging: Technical and Clinical Considerations of Virtual Noncontrast Images for Detection of the Hyperdense Artery Sign. <i>Journal of Computer Assisted Tomography</i> , 2017 , 41, 843-848	2.2	4
21	Benefit of iodine density images to reduce out-of-field image artifacts at rapid kVp switching dual-energy CT. <i>Abdominal Radiology</i> , 2017 , 42, 735-741	3	2
20	Reduction of peristalsis-related gastrointestinal streak artifacts with dual-energy CT: a patient and phantom study. <i>Abdominal Radiology</i> , 2016 , 41, 1456-65	3	11
19	Is There an Association Between Pain and Magnetic Resonance Imaging Parameters in Patients With Lumbar Spinal Stenosis?. <i>Spine</i> , 2016 , 41, E1053-E1062	3.3	21
18	Optimal Adaptive Statistical Iterative Reconstruction Percentage in Dual-energy Monochromatic CT Portal Venography. <i>Academic Radiology</i> , 2016 , 23, 337-43	4.3	4

17	Predictive value of low tube voltage and dual-energy CT for successful shock wave lithotripsy: an in vitro study. <i>Urolithiasis</i> , 2016 , 44, 271-6	3.2	10
16	Dual Energy CT (DECT) Monochromatic Imaging: Added Value of Adaptive Statistical Iterative Reconstructions (ASIR) in Portal Venography. <i>PLoS ONE</i> , 2016 , 11, e0156830	3.7	2
15	Diagnostic Accuracy of Quantitative and Qualitative Phase-Contrast Imaging for the ex Vivo Characterization of Human Coronary Atherosclerotic Plaques. <i>Radiology</i> , 2015 , 277, 64-72	20.5	10
14	Cardiothoracic ratio in postmortem computed tomography: reliability and threshold for the diagnosis of cardiomegaly. <i>Forensic Science, Medicine, and Pathology</i> , 2014 , 10, 44-9	1.5	23
13	Postmortem pulmonary CT in hypothermia. <i>Forensic Science, Medicine, and Pathology</i> , 2014 , 10, 557-69	1.5	15
12	Post-mortem cardiac diffusion tensor imaging: detection of myocardial infarction and remodeling of myofiber architecture. <i>European Radiology</i> , 2014 , 24, 2810-8	8	17
11	Post-mortem whole body computed tomography of opioid (heroin and methadone) fatalities: frequent findings and comparison to autopsy. <i>European Radiology</i> , 2014 , 24, 1276-82	8	35
10	How many radiographs are needed to detect angular stable head screw cut outs of the proximal humerus - a cadaver study. <i>Injury</i> , 2014 , 45, 1557-63	2.5	17
9	Quantitative blood oxygenation level-dependent (BOLD) response of the left ventricular myocardium to hyperoxic respiratory challenge at 1.5 and 3.0 T. <i>NMR in Biomedicine</i> , 2014 , 27, 795-801	4.4	3
8	Added value of dual-energy computed tomography versus single-energy computed tomography in assessing ferromagnetic properties of ballistic projectiles: implications for magnetic resonance imaging of gunshot victims. <i>Investigative Radiology</i> , 2014 , 49, 431-7	10.1	19
7	Magnetic resonance imaging frequently changes classification of acute traumatic thoracolumbar spine injuries. <i>Skeletal Radiology</i> , 2013 , 42, 779-86	2.7	47
6	A systematic review of semiquantitative and qualitative radiologic criteria for the diagnosis of lumbar spinal stenosis. <i>American Journal of Roentgenology</i> , 2013 , 201, W735-46	5.4	50
5	Access routes and reported decision criteria for lumbar epidural drug injections: a systematic literature review. <i>Skeletal Radiology</i> , 2013 , 42, 1683-92	2.7	12
4	Iterative reconstructions versus filtered back-projection for urinary stone detection in low-dose CT. <i>Academic Radiology</i> , 2013 , 20, 1429-35	4.3	15
3	Assessment of laryngeal tube placement on post mortem computed tomography scans. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 119-123	1.3	5
2	The rise of forensic and post-mortem radiology: Analysis of the literature between the year 2000 and 2011. <i>Journal of Forensic Radiology and Imaging</i> , 2013 , 1, 3-9	1.3	125
1	Incidental MRI finding of a pons tuberculoma in a patient with so-far-undiagnosed multisystemic tuberculosis infection. <i>Clinical Imaging</i> , 2012 , 36, 623-5	2.7	1