

Sebastian Winklhofer

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

1,280
citations

393982

19
h-index

414034

32
g-index

77
all docs

77
docs citations

77
times ranked

1775
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.2	144
2	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.	0.6	90
3	Large and Small Cerebral Vessel Involvement in Severe COVID-19. <i>Stroke</i> , 2020, 51, 3719-3722.	1.0	89
4	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-W746.	1.0	76
5	Magnetic resonance imaging frequently changes classification of acute traumatic thoracolumbar spine injuries. <i>Skeletal Radiology</i> , 2013, 42, 779-786.	1.2	56
6	Is There an Association Between Pain and Magnetic Resonance Imaging Parameters in Patients With Lumbar Spinal Stenosis?. <i>Spine</i> , 2016, 41, E1053-E1062.	1.0	44
7	Post-mortem whole body computed tomography of opioid (heroin and methadone) fatalities: frequent findings and comparison to autopsy. <i>European Radiology</i> , 2014, 24, 1276-1282.	2.3	42
8	Neurological complications of cancer immunotherapy. <i>Cancer Treatment Reviews</i> , 2021, 97, 102189.	3.4	34
9	Emergency Extracranial-Intracranial Bypass to Revascularize Salvageable Brain Tissue in Acute Ischemic Stroke Patients. <i>World Neurosurgery</i> , 2018, 109, e476-e485.	0.7	32
10	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, 281-291.	1.1	31
11	Degenerative lumbar spinal canal stenosis: intra- and inter-reader agreement for magnetic resonance imaging parameters. <i>European Spine Journal</i> , 2017, 26, 353-361.	1.0	28
12	Cardiothoracic ratio in postmortem computed tomography: reliability and threshold for the diagnosis of cardiomegaly. <i>Forensic Science, Medicine, and Pathology</i> , 2014, 10, 44-49.	0.6	26
13	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.	1.2	26
14	Post-mortem cardiac diffusion tensor imaging: detection of myocardial infarction and remodeling of myofiber architecture. <i>European Radiology</i> , 2014, 24, 2810-2818.	2.3	25
15	Added Value of Dual-Energy Computed Tomography Versus Single-Energy Computed Tomography in Assessing Ferromagnetic Properties of Ballistic Projectiles. <i>Investigative Radiology</i> , 2014, 49, 431-437.	3.5	23
16	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, 1557-1563.	0.7	23
17	Visualization of the Inferior Alveolar Nerve and Lingual Nerve Using MRI in Oral and Maxillofacial Surgery: A Systematic Review. <i>Diagnostics</i> , 2021, 11, 1657.	1.3	22
18	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.	1.2	21

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19	Imaging of Myopathies. Radiologic Clinics of North America, 2017, 55, 1055-1070.	0.9	20
20	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. PLoS ONE, 2018, 13, e0207126.	1.1	20
21	Deep learning based detection of intracranial aneurysms on digital subtraction angiography: A feasibility study. Neuroradiology Journal, 2020, 33, 311-317.	0.6	20
22	The Influence of Single-level Versus Multilevel Decompression on the Outcome in Multisegmental Lumbar Spinal Stenosis. Clinical Spine Surgery, 2017, 30, E1367-E1375.	0.7	19
23	Postmortem pulmonary CT in hypothermia. Forensic Science, Medicine, and Pathology, 2014, 10, 557-569.	0.6	18
24	Prospective validation of a new imaging scorecard to assess leptomeningeal metastasis: A joint EORTC BTG and RANO effort. Neuro-Oncology, 2022, 24, 1726-1735.	0.6	18
25	Iterative Reconstructions versus Filtered Back-Projection for Urinary Stone Detection in Low-Dose CT. Academic Radiology, 2013, 20, 1429-1435.	1.3	16
26	Reduction of peristalsis-related gastrointestinal streak artifacts with dual-energy CT: a patient and phantom study. Abdominal Radiology, 2016, 41, 1456-1465.	1.0	16
27	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. Neuroradiology, 2018, 60, 413-419.	1.1	16
28	Access routes and reported decision criteria for lumbar epidural drug injections: a systematic literature review. Skeletal Radiology, 2013, 42, 1683-1692.	1.2	15
29	Circle of Willis variants and their association with outcome in patients with middle cerebral arteryâ€M1â€Occlusion stroke. European Journal of Neurology, 2021, 28, 3682-3691.	1.7	13
30	Mandibular Third Molar Surgery: Intraosseous Localization of the Inferior Alveolar Nerve Using 3D Double-Echo Steady-State MRI (3D-DESS). Diagnostics, 2021, 11, 1245.	1.3	13
31	Preoperative visualization of the lingual nerve by 3D double-echo steady-state MRI in surgical third molar extraction treatment. Clinical Oral Investigations, 2021, , 1.	1.4	13
32	Diagnostic Accuracy of Quantitative and Qualitative Phase-Contrast Imaging for the ex Vivo Characterization of Human Coronary Atherosclerotic Plaques. Radiology, 2015, 277, 64-72.	3.6	12
33	Dual-Energy Computed Tomography in Stroke Imaging. Journal of Computer Assisted Tomography, 2017, 41, 843-848.	0.5	12
34	Comparison of Positive Oral Contrast Agents for Abdominopelvic CT. American Journal of Roentgenology, 2019, 212, 1037-1043.	1.0	12
35	Comparison of Preoperative Cone-Beam Computed Tomography and 3D-Double Echo Steady-State MRI in Third Molar Surgery. Journal of Clinical Medicine, 2021, 10, 4768.	1.0	12
36	Correlation of listhesis on upright radiographs and central lumbar spinal canal stenosis on supine MRI: is it possible to predict lumbar spinal canal stenosis?. Skeletal Radiology, 2018, 47, 1269-1275.	1.2	11

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37	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.	1.4	11
38	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.	2.4	11
39	Predictive value of low tube voltage and dual-energy CT for successful shock wave lithotripsy: an in vitro study. <i>Urolithiasis</i> , 2016, 44, 271-276.	1.2	10
40	Long-term Results After Surgical or Nonsurgical Treatment in Patients With Degenerative Lumbar Spinal Stenosis. <i>Spine</i> , 2020, 45, 1030-1038.	1.0	9
41	External validation of the deep learning system "SpineNet" for grading radiological features of degeneration on MRIs of the lumbar spine. <i>European Spine Journal</i> , 2022, 31, 2137-2148.	1.0	9
42	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.	0.7	8
43	3D-cinematic rendering for dental and maxillofacial imaging. <i>Dentomaxillofacial Radiology</i> , 2020, 49, 20190249.	1.3	8
44	Optimal Adaptive Statistical Iterative Reconstruction Percentage in Dual-energy Monochromatic CT Portal Venography. <i>Academic Radiology</i> , 2016, 23, 337-343.	1.3	7
45	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.	0.7	7
46	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, 1801854.	3.1	6
47	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.	1.0	6
48	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.	1.0	6
49	Electrode migration after cochlear implantation. <i>Cochlear Implants International</i> , 2021, 22, 103-110.	0.5	6
50	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.	1.0	6
51	Magnetic resonance imaging for preoperative diagnosis in third molar surgery: a systematic review. <i>Oral Radiology</i> , 2023, 39, 1-17.	0.9	6
52	Dental MRI of Oral Soft-Tissue Tumors"Optimized Use of Black Bone MRI Sequences and a 15-Channel Mandibular Coil. <i>Journal of Imaging</i> , 2022, 8, 146.	1.7	6
53	Assessment of laryngeal tube placement on post mortem computed tomography scans. <i>Journal of Forensic Radiology and Imaging</i> , 2013, 1, 119-123.	1.2	5
54	Accessory spleen versus lymph node: Value of iodine quantification with dual-energy computed tomography. <i>European Journal of Radiology</i> , 2017, 87, 53-58.	1.2	5

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55	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.	1.1	5
56	BSREM for Brain Metastasis Detection with 18F-FDG-PET/CT in Lung Cancer Patients. <i>Journal of Digital Imaging</i> , 2022, 35, 581-593.	1.6	5
57	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, 75.	1.7	5
58	Quantitative blood oxygenation levelâ€dependent (BOLD) response of the left ventricular myocardium to hyperoxic respiratory challenge at 1.5 and 3.0â€T. <i>NMR in Biomedicine</i> , 2014, 27, 795-801.	1.6	4
59	Gouty arthritis: Can we avoid unnecessary dual-energy CT examinations using prior radiographs?. <i>PLoS ONE</i> , 2018, 13, e0200473.	1.1	4
60	Incidental MRI finding of a pons tuberculoma in a patient with so-far-undiagnosed multisystemic tuberculosis infection. <i>Clinical Imaging</i> , 2012, 36, 623-625.	0.8	3
61	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.	1.0	3
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, .	1.0	3
63	Primary Olfactory Neuroblastoma Masquerading as aâ€Pituitary Adenoma. <i>Clinical Neuroradiology</i> , 2020, 30, 855-859.	1.0	2
64	Dual Energy CT (DECT) Monochromatic Imaging: Added Value of Adaptive Statistical Iterative Reconstructions (ASIR) in Portal Venography. <i>PLoS ONE</i> , 2016, 11, e0156830.	1.1	2
65	Unassisted and multiple microcatheter coiling of distal basilar aneurysms: Outcomes and literature review. <i>Interventional Neuroradiology</i> , 2021, , 159101992110217.	0.7	1
66	Endovascular treatment of acute ischemic stroke. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 259-268.	0.3	1
67	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.	0.6	1
68	Foundations of Lesion Detection Using Machine Learning in Clinical Neuroimaging. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 171-182.	0.5	1
69	Rare Appearance, Rare Location and Unusual Patient Age. <i>Clinical Neuroradiology</i> , 2017, 27, 521-524.	1.0	0
70	Validation and revision of the RANO Leptomeningeal Metastasis Group scorecard for response assessment.. <i>Journal of Clinical Oncology</i> , 2019, 37, e13546-e13546.	0.8	0
71	The value of intraoperative MRI in recurrent intracranial tumor surgery. <i>Journal of Neurosurgery</i> , 2020, , 1-8.	0.9	0
72	MRI Segmentation of Cervical Muscle Volumes in Survived Strangulation: Is There an Association between Side Differences in Muscle Volume and the Handedness of the Perpetrator? A Retrospective Study. <i>Diagnostics</i> , 2022, 12, 743.	1.3	0

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73	Prospective validation of a new imaging scorecard to assess leptomeningeal metastasis: A joint EORTC BTG and RANO effort.. Journal of Clinical Oncology, 2022, 40, 2026-2026.	0.8	0