

Stefan O Schoenberg

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,468
citations

394421
19
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361022
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82
all docs

82
docs citations

82
times ranked

2462
citing authors

#	ARTICLE	IF	CITATIONS
1	Low risk of contrast media-induced hypersensitivity reactions in all subtypes of systemic mastocytosis. <i>Annals of Allergy, Asthma and Immunology</i> , 2022, 128, 314-318.	1.0	5
2	MR lung perfusion measurements in adolescents after congenital diaphragmatic hernia: correlation with spirometric lung function tests. <i>European Radiology</i> , 2022, 32, 2572-2580.	4.5	5
3	Diagnostic and Prognostic Value of Quantitative Computed Tomography Parameters of Adrenal Glands in Patients from Internist-led ICU with Sepsis and Septic Shock. , 2022, 1, 14-32.		0
4	Phase-cycled balanced SSFP imaging for non-contrast-enhanced functional lung imaging. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1764-1774.	3.0	4
5	Augmented reality with HoloLens in parotid surgery: how to assess and to improve accuracy. <i>European Archives of Oto-Rhino-Laryngology</i> , 2021, 278, 2473-2483.	1.6	20
6	Multiparametric prostate MRI and structured reporting: benefits and challenges in the PI-RADS era. <i>Chinese Journal of Academic Radiology</i> , 2021, 4, 21-40.	0.6	2
7	Impact of Chronic Prostatitis on the PI-RADS Score 3: Proposal for the Addition of a Novel Binary Suffix. <i>Diagnostics</i> , 2021, 11, 623.	2.6	1
8	Computed tomography based measurements to evaluate lung density and lung growth after congenital diaphragmatic hernia. <i>Scientific Reports</i> , 2021, 11, 5035.	3.3	5
9	Anthropometry of the proximal femur and femoral head in children/adolescents using three-dimensional computed tomography-based measurements. <i>Surgical and Radiologic Anatomy</i> , 2021, 43, 2009-2023.	1.2	0
10	Computer tomography guided thoracoscopic resection of small pulmonary nodules in the hybrid theatre. <i>PLoS ONE</i> , 2021, 16, e0258896.	2.5	5
11	The International Radiomics Platform – An Initiative of the German and Austrian Radiological Societies – First Application Examples. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 276-288.	1.3	7
12	Prediction of cardiac events with non-contrast magnetic resonance feature tracking in patients with ischaemic cardiomyopathy. <i>ESC Heart Failure</i> , 2021, , .	3.1	6
13	Low kV Computed Tomography of Parenchymal Abdominal Organs – A Systematic Animal Study of Different Contrast Media Injection Protocols. <i>Tomography</i> , 2021, 7, 815-828.	1.8	4
14	Correlation of machine learning computed tomography-based fractional flow reserve with instantaneous wave free ratio to detect hemodynamically significant coronary stenosis. <i>Clinical Research in Cardiology</i> , 2020, 109, 735-745.	3.3	11
15	Coronary CT angiography derived plaque markers correlated with invasive instantaneous flow reserve for detecting hemodynamically significant coronary stenoses. <i>European Journal of Radiology</i> , 2020, 122, 108744.	2.6	8
16	Response of advanced HCC to pembrolizumab and lenvatinib combination therapy despite monotherapy failure. <i>Zeitschrift Fur Gastroenterologie</i> , 2020, 58, 773-777.	0.5	8
17	Continuous Learning AI in Radiology: Implementation Principles and Early Applications. <i>Radiology</i> , 2020, 297, 6-14.	7.3	92
18	Contrast Saline Mixture DualFlow Injection Protocols for Low-Kilovolt Computed Tomography Angiography. <i>Investigative Radiology</i> , 2020, 55, 785-791.	6.2	4

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19	Acute pulmonary embolism mimicking COVID-19 pneumonia. <i>International Journal of Infectious Diseases</i> , 2020, 96, 475-476.	3.3	1
20	More holes, more contrast? Comparing an 18-gauge non-fenestrated catheter with a 22-gauge fenestrated catheter for cardiac CT. <i>PLoS ONE</i> , 2020, 15, e0234311.	2.5	3
21	Comparison of Machine Learning Computed Tomography-Based Fractional Flow Reserve and Coronary CT Angiography-Derived Plaque Characteristics with Invasive Resting Full-Cycle Ratio. <i>Journal of Clinical Medicine</i> , 2020, 9, 714.	2.4	4
22	Multiparametric MRI for Prostate Cancer Characterization: Combined Use of Radiomics Model with PI-RADS and Clinical Parameters. <i>Cancers</i> , 2020, 12, 1767.	3.7	72
23	An increased bone mineral density is an adverse prognostic factor in patients with systemic mastocytosis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 945-951.	2.5	14
24	Contralateral Liver Hypertrophy and Oncological Outcome Following Radioembolization with 90Y-Microspheres: A Systematic Review. <i>Cancers</i> , 2020, 12, 294.	3.7	22
25	MITIGATE-NeoBOMB1, a Phase I/IIa Study to Evaluate Safety, Pharmacokinetics, and Preliminary Imaging of ⁶⁸ Ga-NeoBOMB1, a Gastrin-Releasing Peptide Receptor Antagonist, in GIST Patients. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1749-1755.	5.0	27
26	Artificial Intelligence-based Fully Automated Per Lobe Segmentation and Emphysema-quantification Based on Chest Computed Tomography Compared With Global Initiative for Chronic Obstructive Lung Disease Severity of Smokers. <i>Journal of Thoracic Imaging</i> , 2020, 35, S28-S34.	1.5	36
27	Magnetic resonance imaging reveals distinct bone marrow patterns in indolent and advanced systemic mastocytosis. <i>Annals of Hematology</i> , 2019, 98, 2693-2701.	1.8	11
28	Feasibility of quantitative MR-perfusion imaging to monitor treatment response after uterine artery embolization (UAE) in symptomatic uterus fibroids. <i>Magnetic Resonance Imaging</i> , 2019, 59, 31-38.	1.8	7
29	Detection of Calcified Aortic Plaques in an Apolipoprotein E Animal Model Using a Human Computed Tomography System for Ultra-High-resolution Imaging. <i>Journal of Thoracic Imaging</i> , 2019, 34, 41-47.	1.5	1
30	Association of Serum Lipid Profile With Coronary Computed Tomographic Angiography-derived Morphologic and Functional Quantitative Plaque Markers. <i>Journal of Thoracic Imaging</i> , 2019, 34, 26-32.	1.5	3
31	An Increased Bone Mineral Density As an Adverse Prognostic Factor in Patients with Systemic Mastocytosis. <i>Blood</i> , 2019, 134, 4185-4185.	1.4	0
32	Histogram based analysis of lung perfusion of children after congenital diaphragmatic hernia repair. <i>Magnetic Resonance Imaging</i> , 2018, 48, 42-49.	1.8	8
33	Variability and Reproducibility of 3rd-generation dual-source dynamic volume perfusion CT Parameters in Comparison to MR-perfusion Parameters in Rectal Cancer. <i>Scientific Reports</i> , 2018, 8, 6868.	3.3	6
34	Diffusion kurtosis imaging of the liver at 3 Tesla: in-vivo comparison to standard diffusion-weighted imaging. <i>Acta Radiologica</i> , 2018, 59, 18-25.	1.1	17
35	Developing a Roadmap for Interventional Oncology. <i>Oncologist</i> , 2018, 23, 1162-1170.	3.7	19
36	Time to Exhale: Additional Value of Expiratory Chest CT in Chronic Obstructive Pulmonary Disease. <i>Canadian Respiratory Journal</i> , 2018, 2018, 1-9.	1.6	13

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37	Cardiac impact of R-wave triggered irreversible electroporation therapy. <i>Heart Rhythm</i> , 2018, 15, 1872-1879.	0.7	7
38	Image Quality Assessment of 2D versus 3D T2WI and Evaluation of Ultra-high b-Value ($b=2,000 \text{ mm/s}^2$) DWI for Response Assessment in Rectal Cancer. <i>Anticancer Research</i> , 2018, 38, 969-978.	1.1	13
39	Detection of Local Recurrence with 3-Tesla MRI After Radical Prostatectomy: A Useful Method for Radiation Treatment Planning?. <i>In Vivo</i> , 2018, 32, 125-131.	1.3	7
40	Free-breathing Sparse Sampling Cine MR Imaging with Iterative Reconstruction for the Assessment of Left Ventricular Function and Mass at 3.0 T. <i>Radiology</i> , 2017, 282, 74-83.	7.3	41
41	Effects of Bariatric Surgery on Non-alcoholic Fatty Liver Disease: Magnetic Resonance Imaging Is an Effective, Non-invasive Method to Evaluate Changes in the Liver Fat Fraction. <i>Obesity Surgery</i> , 2017, 27, 1755-1762.	2.1	19
42	Predictive value of perfusion defects on dual energy CTA in the absence of thromboembolic clots. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 183-187.	1.3	20
43	Coronary artery calcium in breast cancer survivors after radiation therapy. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1425-1431.	1.5	13
44	Interdisciplinary Management of Head and Neck Vascular Anomalies: Clinical Presentation, Diagnostic Findings and Minimalinvasive Therapies. <i>European Journal of Radiology Open</i> , 2017, 4, 63-68.	1.6	37
45	Radiation Dose Levels of Retrospectively ECG-Gated Coronary CT Angiography Using 70-kVp Tube Voltage in Patients with High or Irregular Heart Rates. <i>Academic Radiology</i> , 2017, 24, 30-37.	2.5	9
46	Rapid Cartesian versus radial acquisition: comparison of two sequences for hepatobiliary phase MRI at 3 tesla in patients with impaired breath-hold capabilities. <i>BMC Medical Imaging</i> , 2017, 17, 32.	2.7	13
47	Follow-up of iatrogenic aorto-coronary "Dunning" dissections by cardiac computed tomography imaging. <i>BMC Medical Imaging</i> , 2017, 17, 64.	2.7	9
48	Right Ventricular and Right Atrial Involvement Can Predict Atrial Fibrillation in Patients with Hypertrophic Cardiomyopathy?. <i>International Journal of Medical Sciences</i> , 2016, 13, 1-7.	2.5	14
49	Low dose time-resolved CT-angiography in pediatric patients with venous malformations using 3rd generation dual-source CT: Initial experience. <i>European Journal of Radiology Open</i> , 2016, 3, 216-222.	1.6	15
50	Intra-individual diagnostic image quality and organ-specific-radiation dose comparison between spiral cCT with iterative image reconstruction and z-axis automated tube current modulation and sequential cCT. <i>European Journal of Radiology Open</i> , 2016, 3, 182-190.	1.6	7
51	Inhibition of Rho-Associated Kinase 1/2 Attenuates Tumor Growth in Murine Gastric Cancer. <i>Neoplasia</i> , 2016, 18, 500-511.	5.3	35
52	Cumulative radiation exposure from imaging procedures and associated lifetime cancer risk for patients with lymphoma. <i>Scientific Reports</i> , 2016, 6, 35181.	3.3	38
53	Rapid functional cardiac imaging after gadolinium injection: Evaluation of a highly accelerated sequence with sparse data sampling and iterative reconstruction. <i>Scientific Reports</i> , 2016, 6, 38236.	3.3	6
54	Lung Perfusion MRI After Congenital Diaphragmatic Hernia Repair in 2-Year-Old Children With and Without Extracorporeal Membrane Oxygenation Therapy. <i>American Journal of Roentgenology</i> , 2016, 206, 1315-1320.	2.2	17

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55	An open source software for analysis of dynamic contrast enhanced magnetic resonance images: UMMPerfusion revisited. BMC Medical Imaging, 2016, 16, 7.	2.7	23
56	Quantitative sodium MRI of kidney. NMR in Biomedicine, 2016, 29, 197-205.	2.8	40
57	Ultra-high pitch chest computed tomography at 70 kVp tube voltage in an anthropomorphic pediatric phantom and non-sedated pediatric patients: Initial experience with 3rd generation dual-source CT. Zeitschrift Fur Medizinische Physik, 2016, 26, 349-361.	1.5	14
58	Comparison of electrical velocimetry and cardiac magnetic resonance imaging for the non-invasive determination of cardiac output. Journal of Clinical Monitoring and Computing, 2016, 30, 399-408.	1.6	19
59	Semi-automatic Volumetric Measurement of Treatment Response in Hepatocellular Carcinoma After Trans-arterial Chemoembolization. Anticancer Research, 2016, 36, 4353-8.	1.1	1
60	Renal Denervation in Patients with Resistant Hypertension-Assessment by 3T Renal ²³ Na-MRI: Preliminary Results. In Vivo, 2016, 30, 657-62.	1.3	1
61	Benefit of Patients with an Early and Progressed State of Hepatocellular Carcinoma Treated with Drug-eluting Beads. In Vivo, 2016, 30, 707-12.	1.3	1
62	Importance of risk factors for the evaluation of patients with a suspected pulmonary embolism. Experimental and Therapeutic Medicine, 2015, 9, 2281-2284.	1.8	8
63	Image Quality of 3rd Generation Spiral Cranial Dual-Source CT in Combination with an Advanced Model Iterative Reconstruction Technique: A Prospective Intra-Individual Comparison Study to Standard Sequential Cranial CT Using Identical Radiation Dose. PLoS ONE, 2015, 10, e0136054.	2.5	6
64	Semi-automatic lung segmentation of DCE-MRI data sets of 2-year old children after congenital diaphragmatic hernia repair: Initial results. Magnetic Resonance Imaging, 2015, 33, 1345-1349.	1.8	7
65	Technical prerequisites and imaging protocols for CT perfusion imaging in oncology. European Journal of Radiology, 2015, 84, 2359-2367.	2.6	31
66	Unenhanced third-generation dual-source chest CT using a tin filter for spectral shaping at 100 kVp. European Journal of Radiology, 2015, 84, 1608-1613.	2.6	100
67	Fast Inner-Volume Imaging of the Lumbar Spine with a Spatially Focused Excitation Using a 3D-TSE Sequence. Academic Radiology, 2015, 22, 423-429.	2.5	3
68	Where do we stand? Functional imaging in acute and chronic pulmonary embolism with state-of-the-art CT. European Journal of Radiology, 2015, 84, 2432-2437.	2.6	12
69	Radiation exposure of the interventional radiologist during percutaneous biopsy using a multiaxis interventional C-arm CT system with 3D laser guidance: a phantom study. British Journal of Radiology, 2015, 88, 20150151.	2.2	4
70	Dual-energy snap-shot perfusion CT in suspect pulmonary nodules and masses and for lung cancer staging. European Journal of Radiology, 2015, 84, 2393-2400.	2.6	27
71	Feasibility of slice width reduction for spiral cranial computed tomography using iterative image reconstruction. European Journal of Radiology, 2014, 83, 964-969.	2.6	13
72	Value of monoenergetic low-kV dual energy CT datasets for improved image quality of CT pulmonary angiography. European Journal of Radiology, 2014, 83, 322-328.	2.6	140

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73	MR Contrast Agent Safety in the Age of Nephrogenic Systemic Fibrosis: Update 2014. Current Radiology Reports, 2014, 2, 1.	1.4	0
74	Optimization of Kiloelectron Volt Settings in Cerebral and Cervical Dual-energy CT Angiography Determined with Virtual Monoenergetic Imaging. Academic Radiology, 2014, 21, 431-436.	2.5	77
75	²³ Na-magnetic resonance imaging of the human lumbar vertebral discs: inÂvivo measurements at 3.0 T in healthy volunteers and patients with low back pain. Spine Journal, 2014, 14, 1343-1350.	1.3	10
76	Objective and Subjective Image Quality of Liver Parenchyma and Hepatic Metastases with Virtual Monoenergetic Dual-source Dual-energy CT Reconstructions. Academic Radiology, 2014, 21, 514-522.	2.5	56
77	Comparison of Epicardial Fat Volume by Computed Tomography in Black Versus White Patients With Acute Chest Pain. American Journal of Cardiology, 2014, 113, 422-428.	1.6	15
78	Dependence of image quality on acquisition time for the PET/CT Biograph mCT. Zeitschrift Fur Medizinische Physik, 2014, 24, 73-79.	1.5	14
79	Post-therapeutic positron emission tomography/computed tomography for early detection of non-small cell lung cancer recurrence. Translational Lung Cancer Research, 2013, 2, 295-303.	2.8	15