# Janis L Vahldiek

## List of Publications by Year in Descending Order

**Source:** https://exaly.com/author-pdf/3131446/janis-l-vahldiek-publications-by-year.pdf
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

| | | | |
|---|---|---|---|
| 36 papers | 535 citations | 9 h-index | 22 g-index |
| 38 ext. papers | 714 ext. citations | 3.6 avg, IF | 3.81 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 36 | Do submillisievert-chest CT protocols impact diagnostic quality in suspected COVID-19 patients?. *Acta Radiologica Open*, **2022**, 11, 20584601211073864 | 1.2 | 1 |
| 35 | Cooling Effects Occur in Hepatic Microwave Ablation At Low Vascular Flow Rates and in Close Proximity to Liver Vessels - Ex Vivo.. *Surgical Innovation*, **2022**, 15533506221074619 | 2 | 0 |
| 34 | Diagnosing axial spondyloarthritis: estimation of the disease probability in patients with a priori different likelihoods of the diagnosis. *Rheumatology*, **2021**, 60, 5098-5104 | 3.9 | 1 |
| 33 | Deep-Learning-Based Diagnosis of Bedside Chest X-ray in Intensive Care and Emergency Medicine. *Investigative Radiology*, **2021**, 56, 525-534 | 10.1 | 4 |
| 32 | Deep learning for detection of radiographic sacroiliitis: achieving expert-level performance. *Arthritis Research and Therapy*, **2021**, 23, 106 | 5.7 | 9 |
| 31 | CT-based quantification of short-term tissue shrinkage following hepatic microwave ablation in an in vivo porcine liver model. *Acta Radiologica*, **2021**, 62, 12-18 | 2 | 1 |
| 30 | Periportal fields cause stronger cooling effects than veins in hepatic microwave ablation: an in vivo porcine study. *Acta Radiologica*, **2021**, 62, 322-328 | 2 | 2 |
| 29 | Highly accurate classification of chest radiographic reports using a deep learning natural language model pre-trained on 3.8 million text reports. *Bioinformatics*, **2021**, 36, 5255-5261 | 7.2 | 12 |
| 28 | Deep learning for accurately recognizing common causes of shoulder pain on radiographs. *Skeletal Radiology*, **2021**, 1 | 2.7 | 4 |
| 27 | Detection of radiographic sacroiliitis with an artificial neural network in patients with suspicion of axial spondyloarthritis. *Rheumatology*, **2021**, 60, 5868-5869 | 3.9 | 0 |
| 26 | Improving CT accuracy in the diagnosis of COVID-19 in a hospital setting. *Clinical Imaging*, **2021**, 76, 1-5 | 2.7 | 1 |
| 25 | Evaluation of potential tissue heating during percutaneous drill-assisted bone sampling in an in vivo porcine study. *Skeletal Radiology*, **2021**, 1 | 2.7 | 1 |
| 24 | Immediate post-interventional contrast-enhanced computed tomography overestimates hepatic microwave ablation - an animal study. *International Journal of Hyperthermia*, **2020**, 37, 463-469 | 3.7 | 1 |
| 23 | Comment on: XSuccessful remission with tofacitinib in a patient with refractory Takayasu arteritis complicated by ulcerative colitisXby Kuwabara. *Annals of the Rheumatic Diseases*, **2020**, | 2.4 | 5 |
| 22 | Subregion Radiomics Analysis to Display Necrosis After Hepatic Microwave Ablation-A Proof of Concept Study. *Investigative Radiology*, **2020**, 55, 422-429 | 10.1 | 3 |
| 21 | Exploring Patterns of Dynamic Size Changes of Lesions after Hepatic Microwave Ablation in an In Vivo Porcine Model. *Scientific Reports*, **2020**, 10, 805 | 4.9 | 2 |
| 20 | Is lung density associated with severity of COVID-19?. *Polish Journal of Radiology*, **2020**, 85, e600-e606 | 1.6 | 3 |

| | | | |
|---|---|---|---|
| 19 | The role of visceral adiposity in the severity of COVID-19: Highlights from a unicenter cross-sectional pilot study in Germany. *Metabolism: Clinical and Experimental*, **2020**, 110, 154317 | 12.7 | 89 |
| 18 | Comparing different deep learning architectures for classification of chest radiographs. *Scientific Reports*, **2020**, 10, 13590 | 4.9 | 50 |
| 17 | Successful CT-Guided Obliteration of Isolated Bile Ducts with Ethylene Vinyl Alcohol Copolymer in a Patient with Chronic Bile Leakage after Hepatectomy. *Journal of Vascular and Interventional Radiology*, **2019**, 30, 1671-1673 | 2.4 | |
| 16 | Periradicular Infiltration of the Cervical Spine: How New CT Scanner Techniques and Protocol Modifications Contribute to the Achievement of Low-Dose Interventions. *RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren*, **2019**, 191, 54-61 | 2.3 | 2 |
| 15 | Microwave ablation zones are larger than they macroscopically appear - Reevaluation based on NADH vitality staining ex vivo. *Clinical Hemorheology and Microcirculation*, **2019**, 73, 371-378 | 2.5 | 6 |
| 14 | Comparison of different 4D CT-Perfusion algorithms to visualize lesions after microwave ablation in an porcine model. *International Journal of Hyperthermia*, **2019**, 36, 1098-1107 | 3.7 | 3 |
| 13 | Improved Visualization of the Necrotic Zone after Microwave Ablation Using Computed Tomography Volume Perfusion in an In Vivo Porcine Model. *Scientific Reports*, **2019**, 9, 18506 | 4.9 | 3 |
| 12 | Instant Outcome Evaluation of Microwave Ablation With Subtraction CT in an In Vivo Porcine Model. *Investigative Radiology*, **2019**, 54, 333-339 | 10.1 | 9 |
| 11 | Multipolar RFA of the liver: Influence of intrahepatic vessels on ablation zones and appropriateness of CECT in detecting ablation dimensions - Results of an in-vivo porcine liver model. *Clinical Hemorheology and Microcirculation*, **2018**, 70, 467-476 | 2.5 | 11 |
| 10 | Intermittent Pringle maneuver may be beneficial for radiofrequency ablations in situations with tumor-vessel proximity. *Innovative Surgical Sciences*, **2018**, 3, 245-251 | 0.8 | 6 |
| 9 | Characterization of benign periablational enhancement following multipolar radiofrequency ablation using perfusion CT in an in-vivo porcine liver model. *Journal of Cellular Biotechnology*, **2017** , 2, 125-130 | 1.4 | 1 |
| 8 | Incidence of combined cranial and cervical spine injuries in patients with blunt minor trauma: are combined CT examinations of the head and cervical spine justified?. *Acta Radiologica*, **2017**, 58, 856-860 | 2 | 3 |
| 7 | Comparison of bipolar radiofrequency ablation zones in an in vivo porcine model: Correlation of histology and gross pathological findings. *Clinical Hemorheology and Microcirculation*, **2016**, 64, 491-499 | 2.5 | 22 |
| 6 | Diagnostic efficacy and safety of gadoteric acid MR mammography in 1537 patients. *European Journal of Radiology*, **2016**, 85, 2281-2287 | 4.7 | 5 |
| 5 | Value or waste: Perfusion imaging following radiofrequency ablation - early experience. *Clinical Hemorheology and Microcirculation*, **2015**, 61, 323-31 | 2.5 | 8 |
| 4 | Measuring and optimizing results in multipolar RFA: Techniques and early findings in an experimental setting. *Clinical Hemorheology and Microcirculation*, **2014**, 58, 77-87 | 2.5 | 5 |
| 3 | The frequency of non-radiographic axial spondyloarthritis in relation to symptom duration in patients referred because of chronic back pain: results from the Berlin early spondyloarthritis clinic. *Annals of the Rheumatic Diseases*, **2012**, 71, 1998-2001 | 2.4 | 43 |
| 2 | Evaluation of 2 screening strategies for early identification of patients with axial spondyloarthritis in primary care. *Journal of Rheumatology*, **2011**, 38, 2452-60 | 4.1 | 94 |

| | | | |
|---|---|---|---|
| 1 | Performance of referral recommendations in patients with chronic back pain and suspected axial spondyloarthritis. *Annals of the Rheumatic Diseases*, **2007**, 66, 1479-84 | 2.4 | 125 |