

Rebecca E Thornhill

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/147489/rebecca-e-thornhill-publications-by-year.pdf>

Version: 2024-04-28

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.

57
papers

1,294
citations

20
h-index

35
g-index

60
ext. papers

1,541
ext. citations

4.6
avg, IF

4.4
L-index

| # | Paper | IF | Citations |
|----|--|-----|-----------|
| 57 | Differentiating Carotid Free-Floating Thrombus From Atheromatous Plaque Using Intraluminal Filling Defect Length on CTA: A Validation Study. <i>Neurology</i> , 2021 , 97, e785-e793 | 6.5 | 1 |
| 56 | Preoperative Determination of Isocitrate Dehydrogenase Mutation in Gliomas Using Spectral Editing MRS: A Prospective Study. <i>Journal of Magnetic Resonance Imaging</i> , 2021 , 53, 416-426 | 5.6 | 3 |
| 55 | Effect of phase of enhancement on texture analysis in renal masses evaluated with non-contrast-enhanced, corticomedullary, and nephrographic phase-enhanced CT images. <i>European Radiology</i> , 2021 , 31, 1676-1686 | 8 | 2 |
| 54 | Utility of machine learning of apparent diffusion coefficient (ADC) and T2-weighted (T2W) radiomic features in PI-RADS version 2.1 category 3 lesions to predict prostate cancer diagnosis. <i>Abdominal Radiology</i> , 2021 , 46, 5647-5658 | 3 | 4 |
| 53 | Assessment of Renal Cell Carcinoma by Texture Analysis in Clinical Practice: A Six-Site, Six-Platform Analysis of Reliability. <i>American Journal of Roentgenology</i> , 2021 , 217, 1132-1140 | 5.4 | 1 |
| 52 | Shape Analysis of Peripheral Zone Observations on Prostate DWI: Correlation to Histopathology Outcomes After Radical Prostatectomy. <i>American Journal of Roentgenology</i> , 2020 , 214, 1239-1247 | 5.4 | 7 |
| 51 | Importance of phase enhancement for machine learning classification of solid renal masses using texture analysis features at multi-phasic CT. <i>Abdominal Radiology</i> , 2020 , 45, 2786-2796 | 3 | 5 |
| 50 | CT texture analysis of acetabular subchondral bone can discriminate between normal and cam-positive hips. <i>European Radiology</i> , 2020 , 30, 4695-4704 | 8 | 5 |
| 49 | Left atrial vortex size and velocity distributions by 4D flow MRI in patients with paroxysmal atrial fibrillation: Associations with age and CHA ₂ DS ₂ -VASc risk score. <i>Journal of Magnetic Resonance Imaging</i> , 2020 , 51, 871-884 | 5.6 | 21 |
| 48 | Transition zone prostate cancer: Logistic regression and machine-learning models of quantitative ADC, shape and texture features are highly accurate for diagnosis. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 940-950 | 5.6 | 24 |
| 47 | Diagnosis of transition zone prostate cancer using T2-weighted (T2W) MRI: comparison of subjective features and quantitative shape analysis. <i>European Radiology</i> , 2019 , 29, 1133-1143 | 8 | 8 |
| 46 | Left atrial imaging and registration of fibrosis with conduction voltages using LGE-MRI and electroanatomical mapping. <i>Computers in Biology and Medicine</i> , 2019 , 111, 103341 | 7 | 1 |
| 45 | Prospective comparative diagnostic accuracy evaluation of dynamic contrast-enhanced (DCE) vs. dynamic susceptibility contrast (DSC) MR perfusion in differentiating tumor recurrence from radiation necrosis in treated high-grade gliomas. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 573-582 | 5.6 | 16 |
| 44 | Diagnostic Accuracy of Unenhanced CT Analysis to Differentiate Low-Grade From High-Grade Chromophobe Renal Cell Carcinoma. <i>American Journal of Roentgenology</i> , 2018 , 210, 1079-1087 | 5.4 | 32 |
| 43 | Decision Support Tools, Systems, and Artificial Intelligence in Cardiac Imaging. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 827-838 | 3.8 | 14 |
| 42 | Rapid MRI of the breast in evaluating lesions discovered on screening. <i>Breast Journal</i> , 2018 , 24, 986-991 | 1.2 | 5 |
| 41 | Impact of clinical history on choice of abdominal/pelvic CT protocol in the Emergency Department. <i>PLoS ONE</i> , 2018 , 13, e0201694 | 3.7 | 5 |

| | | | |
|----|---|-----|-----|
| 40 | Effects of Riociguat on Right Ventricular Remodelling in Chronic Thromboembolic Pulmonary Hypertension Patients: A Prospective Study. <i>Canadian Journal of Cardiology</i> , 2018 , 34, 1137-1144 | 3.8 | 5 |
| 39 | Bi-atrial fibrosis detected using three-dimensional late gadolinium enhancement magnetic resonance imaging in a patient with cardiac sarcoidosis. <i>Oxford Medical Case Reports</i> , 2018 , 2018, omy016 | 0.6 | 1 |
| 38 | Extracranial Venous abnormalities: A true pathological finding in patients with multiple sclerosis or an anatomical variant?. <i>European Radiology</i> , 2017 , 27, 239-246 | 8 | 4 |
| 37 | Prostate Imaging Reporting and Data System, Version 2, Assessment Categories and Pathologic Outcomes in Patients With Gleason Score 3 + 4 = 7 Prostate Cancer Diagnosed at Biopsy. <i>American Journal of Roentgenology</i> , 2017 , 208, 1037-1044 | 5.4 | 11 |
| 36 | Can CT and MR Shape and Textural Features Differentiate Benign Versus Malignant Pleural Lesions?. <i>Academic Radiology</i> , 2017 , 24, 1277-1287 | 4.3 | 18 |
| 35 | Hypoattenuation on CTA images with large vessel occlusion: timing affects conspicuity. <i>Neuroradiology</i> , 2017 , 59, 471-475 | 3.2 | 1 |
| 34 | Quantitative texture analysis on pre-treatment computed tomography predicts local recurrence in stage I non-small cell lung cancer following stereotactic radiation therapy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017 , 7, 614-622 | 3.6 | 9 |
| 33 | Correlation of Tumor Immunohistochemistry with Dynamic Contrast-Enhanced and DSC-MRI Parameters in Patients with Gliomas. <i>American Journal of Neuroradiology</i> , 2016 , 37, 2217-2223 | 4.4 | 17 |
| 32 | Relationship between expansion of the myocardial interstitial space and ventricular performance in patients with pulmonary hypertension. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016 , 18, | 6.9 | 78 |
| 31 | Relationship between MRI First pass Perfusion Parameters and Biventricular Performance in Pulmonary Hypertension. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016 , 18, | 6.9 | 78 |
| 30 | Clinical Correlation of Early Atelectasis after Bilateral Internal Thoracic Artery Harvest for Coronary Artery Bypass Grafting. <i>Heart Lung and Circulation</i> , 2016 , 25, 620-5 | 1.8 | 1 |
| 29 | Whole-Tumor Quantitative Apparent Diffusion Coefficient Histogram and Texture Analysis to Predict Gleason Score Upgrading in Intermediate-Risk 3 + 4 = 7 Prostate Cancer. <i>American Journal of Roentgenology</i> , 2016 , 206, 775-82 | 5.4 | 61 |
| 28 | Role of quantitative computed tomography texture analysis in the differentiation of primary lung cancer and granulomatous nodules. <i>Quantitative Imaging in Medicine and Surgery</i> , 2016 , 6, 6-15 | 3.6 | 57 |
| 27 | Evaluation of apparent diffusion coefficient and MR volumetry as independent associative factors for extra-prostatic extension (EPE) in prostatic carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 726-36 | 5.6 | 23 |
| 26 | Quantitative non-contrast measurements improve diagnosing dural venous sinus thrombosis. <i>Neuroradiology</i> , 2016 , 58, 657-63 | 3.2 | 13 |
| 25 | How Well Are We Respecting Patient Privacy in Medical Imaging? Lessons Learnt From a Departmental Audit. <i>Canadian Association of Radiologists Journal</i> , 2016 , 67, 339-344 | 3.9 | |
| 24 | Quantitative CT texture and shape analysis: can it differentiate benign and malignant mediastinal lymph nodes in patients with primary lung cancer?. <i>European Radiology</i> , 2015 , 25, 480-7 | 8 | 108 |
| 23 | Impact of an in-house emergency radiologist on report turnaround time. <i>Canadian Journal of Emergency Medicine</i> , 2015 , 17, 21-6 | 0.6 | 11 |

| | | | |
|----|---|------|-----|
| 22 | Diagnosis of Sarcomatoid Renal Cell Carcinoma With CT: Evaluation by Qualitative Imaging Features and Texture Analysis. <i>American Journal of Roentgenology</i> , 2015 , 204, 1013-23 | 5.4 | 77 |
| 21 | Can Quantitative CT Texture Analysis be Used to Differentiate Fat-poor Renal Angiomyolipoma from Renal Cell Carcinoma on Unenhanced CT Images?. <i>Radiology</i> , 2015 , 276, 787-96 | 20.5 | 187 |
| 20 | Vulnerable Carotid Artery Plaque Evaluation: Detection Agreement between Advanced Ultrasound, Computed Tomography, and Magnetic Resonance Imaging: A Phantom Study. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2015 , 46, 90-101 | 1.4 | 1 |
| 19 | Late Gadolinium Enhancement Imaging 2015 , 211-226 | | |
| 18 | Quantitative texture features as objective metrics of enhancement heterogeneity in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014 , 16, | 6.9 | 8 |
| 17 | Differentiation of lipoma from liposarcoma on MRI using texture and shape analysis. <i>Academic Radiology</i> , 2014 , 21, 1185-94 | 4.3 | 22 |
| 16 | Externalization of tunneled hemodialysis catheter in patients with tunnel or exit-site infections and limited access options. <i>Journal of Vascular and Interventional Radiology</i> , 2014 , 25, 561-6 | 2.4 | |
| 15 | Advanced Ultrasound Evaluation of Vulnerable Carotid Artery Plaque: Can a Combined Two-dimensional and Three-dimensional Plaque Imaging Analysis Identify Significant Plaque Characteristics Responsible for Strokes? A Case Series Study. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2014 , 45, 440-447 | 1.4 | |
| 14 | Computed tomographic angiography and cerebral blood volume can predict final infarct volume and outcome after recanalization. <i>Stroke</i> , 2014 , 45, 2683-8 | 6.7 | 34 |
| 13 | Comparison and Accuracy of Carotid Plaque Analysis Between Two- and Three-Dimensional Ultrasound Imaging. <i>Journal of Diagnostic Medical Sonography</i> , 2014 , 30, 123-130 | 0.4 | 1 |
| 12 | Can shape analysis differentiate free-floating internal carotid artery thrombus from atherosclerotic plaque in patients evaluated with CTA for stroke or transient ischemic attack?. <i>Academic Radiology</i> , 2014 , 21, 345-54 | 4.3 | 18 |
| 11 | Measuring the integrity of the human blood-brain barrier using magnetic resonance imaging. <i>Methods in Molecular Biology</i> , 2011 , 686, 229-45 | 1.4 | 21 |
| 10 | Assessment of tumor angiogenesis: dynamic contrast-enhanced MRI with paramagnetic nanoparticles compared with Gd-DTPA in a rabbit Vx-2 tumor model. <i>Contrast Media and Molecular Imaging</i> , 2010 , 5, 155-61 | 3.2 | 9 |
| 9 | A randomized trial of coenzyme Q10 in mitochondrial disorders. <i>Muscle and Nerve</i> , 2010 , 42, 739-48 | 3.4 | 97 |
| 8 | Prediction of hemorrhagic transformation in acute ischemic stroke using texture analysis of postcontrast T1-weighted MR images. <i>Journal of Magnetic Resonance Imaging</i> , 2009 , 30, 933-41 | 5.6 | 29 |
| 7 | Quantitative permeability magnetic resonance imaging in acute ischemic stroke: how long do we need to scan?. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 1216-22 | 3.3 | 21 |
| 6 | Relative recirculation: a fast, model-free surrogate for the measurement of blood-brain barrier permeability and the prediction of hemorrhagic transformation in acute ischemic stroke. <i>Investigative Radiology</i> , 2009 , 44, 662-8 | 10.1 | 30 |
| 5 | Feasibility of the single-bolus strategy for measuring the partition coefficient of Gd-DTPA in patients with myocardial infarction: independence of image delay time and maturity of scar. <i>Magnetic Resonance in Medicine</i> , 2006 , 55, 780-9 | 4.4 | 17 |

| | | | |
|---|---|-----|----|
| 4 | Determining the extent to which delayed-enhancement images reflect the partition-coefficient of Gd-DTPA in canine studies of reperfused and unperfused myocardial infarction. <i>Magnetic Resonance in Medicine</i> , 2004 , 52, 1069-79 | 4.4 | 22 |
| 3 | The assessment of myocardial viability: a review of current diagnostic imaging approaches. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2002 , 4, 381-410 | 6.9 | 24 |
| 2 | Examining a canine model of stunned myocardium with Gd-DTPA-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 2001 , 45, 864-71 | 4.4 | 20 |
| 1 | T(1) fast acquisition relaxation mapping (T(1)-FARM): optimized data acquisition. <i>Magnetic Resonance Imaging</i> , 2000 , 18, 129-38 | 3.3 | 6 |