

Jan Dankbaar

List of Publications by Year in descending order

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111
papers

3,215
citations

172457

29
h-index

175258

52
g-index

111
all docs

111
docs citations

111
times ranked

3811
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between vasospasm, cerebral perfusion, and delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage. <i>Neuroradiology</i> , 2009, 51, 813-819.	2.2	217
2	Effect of different components of triple-H therapy on cerebral perfusion in patients with aneurysmal subarachnoid haemorrhage: a systematic review. <i>Critical Care</i> , 2010, 14, R23.	5.8	215
3	Delayed Cerebral Ischemia After Subarachnoid Hemorrhage. <i>Stroke</i> , 2013, 44, 43-54.	2.0	156
4	Blood-Brain Barrier Permeability Assessed by Perfusion CT Predicts Symptomatic Hemorrhagic Transformation and Malignant Edema in Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2011, 32, 41-48.	2.4	147
5	Induced Hypertension for Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2018, 49, 76-83.	2.0	140
6	Diagnosing Delayed Cerebral Ischemia With Different CT Modalities in Patients With Subarachnoid Hemorrhage With Clinical Deterioration. <i>Stroke</i> , 2009, 40, 3493-3498.	2.0	108
7	Anatomical and Functional Computed Tomography for Diagnosing Hemodynamically Significant Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1316-1325.	5.3	105
8	Timing-Invariant Imaging of Collateral Vessels in Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2194-2199.	2.0	93
9	Diagnostic Threshold Values of Cerebral Perfusion Measured With Computed Tomography for Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2010, 41, 1927-1932.	2.0	90
10	Diagnostic Accuracy of CT Perfusion Imaging for Detecting Acute Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2013, 35, 493-501.	1.7	75
11	Perfusion MRI in treatment evaluation of glioblastomas: Clinical relevance of current and future techniques. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 11-22.	3.4	75
12	Effects of Induced Hypertension on Cerebral Perfusion in Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 3277-3281.	2.0	73
13	Timing-Invariant Reconstruction for Deriving High-Quality CT Angiographic Data from Cerebral CT Perfusion Data. <i>Radiology</i> , 2012, 263, 216-225.	7.3	64
14	Imaging findings of the orbital and intracranial complications of acute bacterial rhinosinusitis. <i>Insights Into Imaging</i> , 2015, 6, 509-518.	3.4	62
15	Permeable Thrombi Are Associated With Higher Intravenous Recombinant Tissue-Type Plasminogen Activator Treatment Success in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2016, 47, 2058-2065.	2.0	61
16	The Prognostic Value of CT Angiography and CT Perfusion in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2015, 40, 258-269.	1.7	60
17	Additional Diagnostic Value of Computed Tomography Perfusion for Detection of Acute Ischemic Stroke in the Posterior Circulation. <i>Stroke</i> , 2015, 46, 1113-1115.	2.0	60
18	Prediction of outcome in patients with suspected acute ischaemic stroke with CT perfusion and CT angiography: the Dutch acute stroke trial (DUST) study protocol. <i>BMC Neurology</i> , 2014, 14, 37.	1.8	55

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19	Dynamic Perfusion CT Assessment of the Blood-Brain Barrier Permeability: First Pass versus Delayed Acquisition. <i>American Journal of Neuroradiology</i> , 2008, 29, 1671-1676.	2.4	54
20	Automated versus manual post-processing of perfusion-CT data in patients with acute cerebral ischemia: influence on interobserver variability. <i>Neuroradiology</i> , 2009, 51, 445-451.	2.2	54
21	Clinical and Imaging Predictors of Recurrent Ischemic Stroke: A Systematic Review and Meta-Analysis. <i>Cerebrovascular Diseases</i> , 2018, 45, 279-287.	1.7	51
22	Vocal cord paralysis: anatomy, imaging and pathology. <i>Insights Into Imaging</i> , 2014, 5, 743-751.	3.4	42
23	Assessment of Collateral Status by Dynamic CT Angiography in Acute MCA Stroke: Timing of Acquisition and Relationship with Final Infarct Volume. <i>American Journal of Neuroradiology</i> , 2016, 37, 1231-1236.	2.4	40
24	Predictive Value of Thrombus Attenuation on Thin-Slice Non-Contrast CT for Persistent Occlusion after Intravenous Thrombolysis. <i>Cerebrovascular Diseases</i> , 2014, 37, 116-122.	1.7	39
25	Reliability of Visual Assessment of Non-Contrast CT, CT Angiography Source Images and CT Perfusion in Patients with Suspected Ischemic Stroke. <i>PLoS ONE</i> , 2013, 8, e75615.	2.5	38
26	Validation of CT brain perfusion methods using a realistic dynamic head phantom. <i>Medical Physics</i> , 2011, 38, 3212-3221.	3.0	37
27	Optimal Duration of Acquisition for Dynamic Perfusion CT Assessment of Blood-Brain Barrier Permeability Using the Patlak Model. <i>American Journal of Neuroradiology</i> , 2009, 30, 1366-1370.	2.4	36
28	Dynamic perfusion-CT assessment of early changes in blood brain barrier permeability of acute ischaemic stroke patients. <i>Journal of Neuroradiology</i> , 2011, 38, 161-166.	1.1	34
29	An anomaly detection approach to identify chronic brain infarcts on MRI. <i>Scientific Reports</i> , 2021, 11, 7714.	3.3	33
30	Image quality of conventional images of dual-layer SPECTRAL CT: A phantom study. <i>Medical Physics</i> , 2018, 45, 3031-3042.	3.0	31
31	Dose of CT protocols acquired in clinical routine using a dual-layer detector CT scanner: A preliminary report. <i>European Journal of Radiology</i> , 2019, 112, 65-71.	2.6	29
32	The use of 18F-FDG PET to differentiate progressive disease from treatment induced necrosis in high grade glioma. <i>Journal of Neuro-Oncology</i> , 2015, 125, 167-175.	2.9	27
33	Relationship Between Cardiac Dysfunction and Cerebral Perfusion in Patients with Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2016, 24, 202-206.	2.4	27
34	Outcome in Patients with Isolated Moderate to Severe Traumatic Brain Injury. <i>Critical Care Research and Practice</i> , 2018, 2018, 1-7.	1.1	27
35	Computed tomography perfusion evaluation after extracranial-intracranial bypass surgery. <i>Clinical Neurology and Neurosurgery</i> , 2015, 136, 139-146.	1.4	25
36	Effect of Extended CT Perfusion Acquisition Time on Ischemic Core and Penumbra Volume Estimation in Patients with Acute Ischemic Stroke due to a Large Vessel Occlusion. <i>PLoS ONE</i> , 2015, 10, e0119409.	2.5	25

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37	Intracranial Cerebrospinal Fluid Volume as a Predictor of Malignant Middle Cerebral Artery Infarction. <i>Stroke</i> , 2019, 50, 1437-1443.	2.0	24
38	Feasibility study of ultrasound-guided resection of tongue cancer with immediate specimen examination to improve margin control – Comparison with conventional treatment. <i>Oral Oncology</i> , 2021, 116, 105249.	1.5	24
39	Age- and anatomy-related values of blood-brain barrier permeability measured by perfusion-CT in non-stroke patients. <i>Journal of Neuroradiology</i> , 2009, 36, 219-227.	1.1	23
40	Imaging Findings Associated with Space-Occupying Edema in Patients with Large Middle Cerebral Artery Infarcts. <i>American Journal of Neuroradiology</i> , 2016, 37, 831-837.	2.4	23
41	Changes in Cerebral Perfusion around the Time of Delayed Cerebral Ischemia in Subarachnoid Hemorrhage Patients. <i>Cerebrovascular Diseases</i> , 2011, 32, 133-140.	1.7	22
42	A Fast Nonlinear Regression Method for Estimating Permeability in CT Perfusion Imaging. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1743-1751.	4.3	22
43	Timing-Invariant CT Angiography Derived from CT Perfusion Imaging in Acute Stroke: A Diagnostic Performance Study. <i>American Journal of Neuroradiology</i> , 2015, 36, 1834-1838.	2.4	22
44	CT angiography and CT perfusion improve prediction of infarct volume in patients with anterior circulation stroke. <i>Neuroradiology</i> , 2016, 58, 327-337.	2.2	22
45	Collateral Status in Ischemic Stroke: A Comparison of Computed Tomography Angiography, Computed Tomography Perfusion, and Digital Subtraction Angiography. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 984-992.	0.9	22
46	Signs of Pulmonary Infection on Admission Chest Computed Tomography Are Associated With Pneumonia or Death in Patients With Acute Stroke. <i>Stroke</i> , 2020, 51, 1690-1695.	2.0	22
47	Predictors of Reperfusion in Patients with Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2015, 36, 1056-1062.	2.4	21
48	Relation between stroke severity, patient characteristics and CT-perfusion derived blood-brain barrier permeability measurements in acute ischemic stroke. <i>Clinical Neuroradiology</i> , 2016, 26, 415-421.	1.9	20
49	Computed Tomography Perfusion Data for Acute Ischemic Stroke Evaluation Using Rapid Software. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 75-77.	0.9	20
50	Computed Tomography Perfusion Derived Blood-Brain Barrier Permeability Does Not Yet Improve Prediction of Hemorrhagic Transformation. <i>Cerebrovascular Diseases</i> , 2018, 45, 26-32.	1.7	19
51	CT perfusion during delayed cerebral ischemia after subarachnoid hemorrhage: distinction between reversible ischemia and ischemia progressing to infarction. <i>Neuroradiology</i> , 2015, 57, 897-902.	2.2	18
52	Internal Carotid Artery Stenosis and Collateral Recruitment in Stroke Patients. <i>Clinical Neuroradiology</i> , 2018, 28, 339-344.	1.9	18
53	Easily detected signs of perineural tumour spread in head and neck cancer. <i>Insights Into Imaging</i> , 2018, 9, 1089-1095.	3.4	18
54	Wake-Up Stroke versus Stroke with Known Onset Time: Clinical and Multimodality CT Imaging Characteristics. <i>Cerebrovascular Diseases</i> , 2018, 45, 236-244.	1.7	18

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55	Virtual monochromatic dual-energy CT reconstructions improve detection of cerebral infarct in patients with suspicion of stroke. <i>Neuroradiology</i> , 2021, 63, 41-49.	2.2	18
56	CT perfusion analysis by nonlinear regression for predicting hemorrhagic transformation in ischemic stroke. <i>Medical Physics</i> , 2015, 42, 4610-4618.	3.0	17
57	Response by Kauw et al to Letter Regarding Article, "Intracranial Cerebrospinal Fluid Volume as a Predictor of Malignant Middle Cerebral Artery Infarction". <i>Stroke</i> , 2019, 50, e304.	2.0	14
58	Accuracy and Anatomical Coverage of Perfusion CT Assessment of the Blood-Brain Barrier Permeability: One Bolus versus Two Boluses. <i>Cerebrovascular Diseases</i> , 2008, 26, 600-605.	1.7	12
59	Relation between reperfusion and hemorrhagic transformation in acute ischemic stroke. <i>Neuroradiology</i> , 2015, 57, 1219-1225.	2.2	12
60	Effect of prolonged acquisition intervals for CT perfusion analysis methods in patients with ischemic stroke. <i>Medical Physics</i> , 2019, 46, 3156-3164.	3.0	12
61	Prevalence and vascular risk factors of basal ganglia calcifications in patients at risk for cerebrovascular disease. <i>Journal of Neuroradiology</i> , 2020, 47, 337-342.	1.1	12
62	Delay Correction for the Assessment of Blood-Brain Barrier Permeability Using First-Pass Dynamic Perfusion CT. <i>American Journal of Neuroradiology</i> , 2011, 32, E134-E138.	2.4	11
63	Different CT perfusion algorithms in the detection of delayed cerebral ischemia after aneurysmal subarachnoid hemorrhage. <i>Neuroradiology</i> , 2015, 57, 469-474.	2.2	11
64	Detection of cartilage invasion in laryngeal carcinoma with dynamic contrast-enhanced CT. <i>Laryngoscope Investigative Otolaryngology</i> , 2017, 2, 373-379.	1.5	11
65	Prediction of ultrasound guided fine needle aspiration cytology results by FDG PET-CT for lymph node metastases in head and neck squamous cell carcinoma patients. <i>Acta Oncologica</i> , 2018, 57, 1687-1692.	1.8	11
66	CT Brain Perfusion Protocol to Eliminate the Need for Selecting a Venous Output Function. <i>American Journal of Neuroradiology</i> , 2013, 34, 1353-1358.	2.4	10
67	Influence of Thin Slice Reconstruction on CT Brain Perfusion Analysis. <i>PLoS ONE</i> , 2015, 10, e0137766.	2.5	10
68	Non-contrast dual-energy CT virtual ischemia maps accurately estimate ischemic core size in large-vessel occlusive stroke. <i>Scientific Reports</i> , 2021, 11, 6745.	3.3	10
69	Residual High-Grade Stenosis After Recanalization of Extracranial Carotid Occlusion in Acute Ischemic Stroke. <i>Stroke</i> , 2015, 46, 12-15.	2.0	9
70	Stroke progression and clinical outcome in ischemic stroke patients with a history of migraine. <i>International Journal of Stroke</i> , 2019, 14, 946-955.	5.9	9
71	Variation in arterial input function in a large multicenter computed tomography perfusion study. <i>European Radiology</i> , 2021, 31, 8317-8325.	4.5	9
72	Comparison of 2-Hydroxyglutarate Detection With sLASER and MEGA-sLASER at 7T. <i>Frontiers in Neurology</i> , 2021, 12, 718423.	2.4	9

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73	Cerebral CT Perfusion in Patients with Perimesencephalic and Those with Aneurysmal Subarachnoid Hemorrhage. <i>International Journal of Stroke</i> , 2014, 9, 183-187.	5.9	8
74	Effect of intravenous thrombolysis in stroke depends on pattern of intracranial internal carotid artery calcification. <i>Atherosclerosis</i> , 2021, 316, 8-14.	0.8	8
75	Masseter muscle parameters can function as an alternative for skeletal muscle mass assessments on cross-sectional imaging at lumbar or cervical vertebral levels. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 15-27.	2.0	8
76	Malignant infarction after endovascular treatment: Incidence and prediction. <i>International Journal of Stroke</i> , 2022, 17, 198-206.	5.9	7
77	Perfusion imaging with arterial spin labeling (ASL) MRI predicts malignant progression in low-grade (WHO grade II) gliomas. <i>Neuroradiology</i> , 2021, 63, 2023-2033.	2.2	7
78	Prediction of Clinical Outcome After Acute Ischemic Stroke. <i>Stroke</i> , 2017, 48, 2593-2596.	2.0	6
79	Target Volume Delineation Using Diffusion-weighted Imaging for MR-guided Radiotherapy: A Case Series of Laryngeal Cancer Validated by Pathology. <i>Cureus</i> , 2018, 10, e2465.	0.5	6
80	Association of Ischemic Core Imaging Biomarkers With Post-Thrombectomy Clinical Outcomes in the MR CLEAN Registry. <i>Frontiers in Neurology</i> , 2021, 12, 771367.	2.4	6
81	CT perfusion on admission and cognitive functioning 3 months after aneurysmal subarachnoid haemorrhage. <i>Journal of Neurology</i> , 2015, 262, 623-628.	3.6	5
82	Image Quality of Virtual Monochromatic Reconstructions of Noncontrast CT on a Dual-Source CT Scanner in Adult Patients. <i>Academic Radiology</i> , 2021, 28, e323-e330.	2.5	5
83	Radiological and surgical aspects of round window visibility during cochlear implantation: a retrospective analysis. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 67-74.	1.6	5
84	Prognostic imaging variables for recurrent laryngeal and hypopharyngeal carcinoma treated with primary chemoradiotherapy: A systematic review and meta-analysis. <i>Head and Neck</i> , 2021, 43, 2202-2215.	2.0	5
85	Skeletal muscle mass at C3 is a strong predictor for skeletal muscle mass at L3 in sarcopenic and non-sarcopenic patients with head and neck cancer. <i>Oral Oncology</i> , 2021, 122, 105558.	1.5	5
86	Detecting Bone Invasion of the Maxilla by Oral Squamous Cell Carcinoma: Diagnostic Accuracy of Preoperative Computed Tomography Versus Magnetic Resonance Imaging. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020, 78, 1645-1652.	1.2	4
87	Coiling of the Internal Carotid Artery is Associated with Hypertension in Patients Suspected of Stroke. <i>Clinical Neuroradiology</i> , 2020, 31, 425-430.	1.9	4
88	Single-arm, open-label, multicentre first in human study to evaluate the safety and performance of dural sealant patch in reducing CSF leakage following elective cranial surgery: the ENCASE trial. <i>BMJ Open</i> , 2021, 11, e049098.	1.9	4
89	Probability maps classify ischemic stroke regions more accurately than CT perfusion summary maps. <i>European Radiology</i> , 2022, 32, 6367-6375.	4.5	4
90	Cerebrospinal fluid volume improves prediction of malignant edema after endovascular treatment of stroke. <i>International Journal of Stroke</i> , 2023, 18, 187-192.	5.9	4

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91	New Developments in Sentinel Lymph Node Biopsy Procedure in Localized Oral Cancer. JAMA Otolaryngology - Head and Neck Surgery, 2019, 145, 741.	2.2	3
92	Early detection of small volume stroke and thromboembolic sources with computed tomography: Rationale and design of the ENCLOSE study. European Stroke Journal, 2020, 5, 432-440.	5.5	3
93	Comparison of Partial Volume Effects in Arterial and Venous Contrast Curves in CT Brain Perfusion Imaging. PLoS ONE, 2014, 9, e97586.	2.5	3
94	Labyrinthine fistulas: Surgical outcomes and an additional diagnostic strategy. American Journal of Otolaryngology - Head and Neck Medicine and Surgery, 2022, 43, 103441.	1.3	3
95	Conventional MRI Criteria to Differentiate Progressive Disease from Treatment-Induced Effects in High-Grade (WHO Grade 3–4) Gliomas. Neurology, 2022, , 10.1212/WNL.0000000000200359.	1.1	3
96	Prediction of long-term recurrent ischemic stroke: the added value of non-contrast CT, CT perfusion, and CT angiography. Neuroradiology, 2021, 63, 483-490.	2.2	2
97	Brain retraction injury after elective aneurysm clipping: a retrospective single-center cohort study. Acta Neurochirurgica, 2022, 164, 805-809.	1.7	2
98	Prevalence, risk factors, and long-term outcomes of cerebral ischemia in hospitalized COVID-19 patients “ study rationale and protocol of the CORONIS study: A multicentre prospective cohort study. European Stroke Journal, 0, , 239698732210925.	5.5	2
99	Spreading depolarization-modulating drugs and delayed cerebral ischemia after subarachnoid hemorrhage: A hypothesis-generating retrospective clinical study. Journal of the Neurological Sciences, 2016, 366, 224-228.	0.6	1
100	A Change of Heart: Yield of Cardiac Imaging in Acute Stroke Workup. Case Reports in Neurology, 2018, 10, 118-123.	0.7	1
101	Response to: Should ultrasound-guided resection be the new norm for oral tongue resections?. Oral Oncology, 2021, 124, 105473.	1.5	1
102	The interobserver agreement in the detection of recurrent HNSCC using MRI including diffusion weighted MRI. European Journal of Radiology, 2018, 105, 134-140.	2.6	0
103	Identifying perfusion deficits on CT perfusion images using temporal similarity perfusion (TSP) mapping. European Radiology, 2019, 29, 4198-4206.	4.5	0
104	Clinical value of (dedicated) 3 Tesla and 7 Tesla MRI for cT1 glottic carcinoma: A feasibility study. Laryngoscope Investigative Otolaryngology, 2019, 4, 95-101.	1.5	0
105	NCMP-15. BEVACIZUMAB FOR THE TREATMENT OF CEREBRAL RADIATION NECROSIS: A RETROSPECTIVE COHORT STUDY. Neuro-Oncology, 2019, 21, vi182-vi182.	1.2	0
106	Improving the Quality of Cerebral Perfusion Maps With Monoenergetic Dual-Energy Computed Tomography Reconstructions. Journal of Computer Assisted Tomography, 2021, 45, 103-109.	0.9	0
107	P14.17 Conventional MRI criteria differentiate true tumour progression from treatment-induced effects in irradiated WHO grade 3 and 4 gliomas. Neuro-Oncology, 2021, 23, ii41-ii41.	1.2	0
108	P14.23 Relation between neurological deficits and location of postsurgical ischemia in glioma resection. Neuro-Oncology, 2021, 23, ii42-ii42.	1.2	0

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109	P14.30 Voxelwise analysis of spatial distribution of postoperative ischemia in diffuse glioma. Neuro-Oncology, 2021, 23, ii44-ii44.	1.2	0
110	Abstract WMP22: Temporal Similarity Perfusion Mapping, An Effective CTP Analysis Method Without Transit Delay Sensitivity. Stroke, 2018, 49, .	2.0	0
111	Computed Tomography Angiography. , 2020, , 45-59.		0