Sotirios Bisdas

List of Publications by Year in descending order

197 papers	5,465 citations	81900 39 h-index	114465 63 g-index
210 all docs	210 docs citations	210 times ranked	6905 citing authors

#	Article	IF	Citations
1	Neuroimaging of paediatric pineal, sellar and suprasellar tumours: a guide to differential diagnosis. Child's Nervous System, 2022, 38, 33-50.	1.1	4
2	Repeatability of perfusion measurements in adult gliomas using pulsed and pseudo-continuous arterial spin labelling MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 113-125.	2.0	0
3	CEST MRI provides amide/amine surrogate biomarkers for treatment-naÃ¯ve glioma sub-typing. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 2377-2391.	6.4	12
4	Is Diffusion Tensor Imaging-Guided Radiotherapy the New State-of-the-Art? A Review of the Current Literature and Technical Insights. Applied Sciences (Switzerland), 2022, 12, 816.	2.5	1
5	Dynamic contrast-enhanced MRI in malignant pleural mesothelioma: prediction of outcome based on DCE-MRI measurements in patients undergoing cytotoxic chemotherapy. BMC Cancer, 2022, 22, 191.	2.6	3
6	The Utility of Conventional Amino Acid PET Radiotracers in the Evaluation of Glioma Recurrence also in Comparison with MRI. Diagnostics, 2022, 12, 844.	2.6	13
7	Guidelines for magnetic resonance imaging in pediatric head and neck pathologies: a multicentre international consensus paper. Neuroradiology, 2022, 64, 1081-1100.	2.2	12
8	Artificial Intelligence-Based Clinical Decision Support Systems Using Advanced Medical Imaging and Radiomics. Current Problems in Diagnostic Radiology, 2021, 50, 262-267.	1.4	31
9	Current Landscape of Imaging and the Potential Role for Artificial Intelligence in the Management of COVID-19. Current Problems in Diagnostic Radiology, 2021, 50, 430-435.	1.4	21
10	Clinical evaluation of automated quantitative MRI reports for assessment of hippocampal sclerosis. European Radiology, 2021, 31, 34-44.	4.5	11
11	Understanding brain resilience in superagers: a systematic review. Neuroradiology, 2021, 63, 663-683.	2.2	23
12	An artificial intelligence framework for automatic segmentation and volumetry of vestibular schwannomas from contrast-enhanced T1-weighted and high-resolution T2-weighted MRI. Journal of Neurosurgery, 2021, 134, 171-179.	1.6	60
13	The role of preoperative diffusion tensor imaging in predicting and improving functional outcome in pediatric patients undergoing epilepsy surgery: a systematic review. BJR|Open, 2021, 3, 20200002.	0.6	1
14	Automated quantitative MRI volumetry reports support diagnostic interpretation in dementia: a multi-rater, clinical accuracy study. European Radiology, 2021, 31, 5312-5323.	4.5	19
15	Giant Basal Cell Carcinoma of the Scalp with Intracranial Invasion: MRI Findings with Tract Visualisation. Case Reports in Radiology, 2021, 2021, 1-5.	0.3	0
16	Unconventional non-amino acidic PET radiotracers for molecular imaging in gliomas. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3925-3939.	6.4	17
17	Longitudinal structural and perfusion MRI enhanced by machine learning outperforms standalone modalities and radiological expertise in high-grade glioma surveillance. Neuroradiology, 2021, 63, 2047-2056.	2.2	9
18	Neuroimaging in the Era of the Evolving WHO Classification of Brain Tumors, From the AJR Special Series on Cancer Staging. American Journal of Roentgenology, 2021, 217, 1-13.	2.2	7

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19	Magnetic resonance features and cranial nerve involvement in pediatric head and neck rhabdomyosarcomas. Neuroradiology, 2021, 63, 1925-1934.	2.2	6
20	Multicenter DSCâ€“MRI-Based Radiomics Predict IDH Mutation in Gliomas. Cancers, 2021, 13, 3965.	3.7	25
21	The Brain Metabolic Signature in Superagers Using In Vivo ¹H-MRS: A Pilot Study. American Journal of Neuroradiology, 2021, 42, 1790-1797.	2.4	2
22	Machine learning with neuroimaging data to identify autism spectrum disorder: a systematic review and meta-analysis. Neuroradiology, 2021, 63, 2057-2072.	2.2	9
23	Segmentation of vestibular schwannoma from MRI, an open annotated dataset and baseline algorithm. Scientific Data, 2021, 8, 286.	5.3	35
24	Artificial Intelligence in Medicine: A Multinational Multi-Center Survey on the Medical and Dental Students' Perception. Frontiers in Public Health, 2021, 9, 795284.	2.7	38
25	Temporal bone and intracranial abnormalities in syndromic causes of hearing loss: an updated guide. European Journal of Radiology, 2020, 123, 108803.	2.6	12
26	The Role of Imaging Biomarkers Derived From Advanced Imaging and Radiomics in the Management of Brain Tumors. Frontiers in Oncology, 2020, 10, 559946.	2.8	5
27	Experience with awake throughout craniotomy in tumour surgery: technique and outcomes of a prospective, consecutive case series with patient perception data. Acta Neurochirurgica, 2020, 162, 3055-3065.	1.7	14
28	Lactate as clinical tumour biomarker: Optimization of lactate detection and quantification in MR spectroscopic imaging of glioblastomas. European Journal of Radiology, 2020, 130, 109171.	2.6	12
29	Manual segmentation versus semi-automated segmentation forÂquantifying vestibular schwannoma volume on MRI. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 1445-1455.	2.8	25
30	597TiP A phase Ib study on a TRPV6-inhibitor, SORC13 in patients with advanced solid tumours. Annals of Oncology, 2020, 31, S499-S500.	1.2	0
31	PET/MR in neuro-oncology: is it ready for prime-time?. Clinical and Translational Imaging, 2020, 8, 233-235.	2.1	9
32	Glioma surveillance imaging: current strategies, shortcomings, challenges and outlook. BJR|Open, 2020, 2, 20200009.	0.6	11
33	Diagnostic Accuracy of Machine Learning-Based Radiomics in Grading Gliomas: Systematic Review and Meta-Analysis. Contrast Media and Molecular Imaging, 2020, 2020, 1-12.	0.8	10
34	The diagnostic role of diffusional kurtosis imaging in glioma grading and differentiation of gliomas from other intra-axial brain tumours: a systematic review with critical appraisal and meta-analysis. Neuroradiology, 2020, 62, 791-802.	2.2	23
35	Machine learning assisted DSC-MRI radiomics as a tool for glioma classification by grade and mutation status. BMC Medical Informatics and Decision Making, 2020, 20, 149.	3.0	38
36	A critical appraisal of the quality of 18F-FDG PET/CT guidelines in oncology using the AGREE II tool: A EuroAIM initiative. European Journal of Radiology, 2020, 126, 108930.	2.6	2

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37	Scribble-Based Domain Adaptation via Co-segmentation. Lecture Notes in Computer Science, 2020, , 479-489.	1.3	21
38	Amide proton transfer MRI can accurately stratify gliomas according to their IDH mutation and 1p/19q co-deletion status.. Journal of Clinical Oncology, 2020, 38, 2561-2561.	1.6	1
39	Performance of machine learning-augmented analysis of radiomics for the head and neck cancer histopathological diagnosis: A systematic review and meta-analysis.. Journal of Clinical Oncology, 2020, 38, e18526-e18526.	1.6	0
40	Combined structural and perfusion MRI enhanced by machine learning may outperform standalone modalities and radiological expertise in high-grade glioma surveillance: A proof-of-concept study.. Journal of Clinical Oncology, 2020, 38, e14528-e14528.	1.6	0
41	Diagnostic accuracy of dynamic contrastâ€enhanced perfusion MRI in stratifying gliomas: A systematic review and metaâ€analysis. Cancer Medicine, 2019, 8, 5564-5573.	2.8	27
42	The quantitative neuroradiology initiative framework: application to dementia. British Journal of Radiology, 2019, 92, 20190365.	2.2	32
43	Glial Tumors and Primary CNS Lymphoma. , 2019, , 1051-1074.		0
44	Pediatric Tumor Neuroradiology. , 2019, , 1-80.		0
45	Role of diffusional kurtosis imaging in grading of brain gliomas: A diagnostic test accuracy systematic review and meta-analysis. Neuro-Oncology, 2019, 21, iv12-iv12.	1.2	0
46	A Critical Appraisal of the Quality of Glioma Imaging Guidelines Using the AGREE II Tool: A EuroAIM Initiative. Frontiers in Oncology, 2019, 9, 472.	2.8	8
47	Glial Tumors and Primary CNS Lymphoma. , 2019, , 1-25.		1
48	Clinical practice guidelines on ultrasound-guided fine needle aspiration biopsy of thyroid nodules: a critical appraisal using AGREE II. Endocrine, 2019, 65, 371-378.	2.3	5
49	Clinical Applications for Diffusion MRI and Tractography of Cranial Nerves Within the Posterior Fossa: A Systematic Review. Frontiers in Neuroscience, 2019, 13, 23.	2.8	24
50	Dynamic contrast-enhanced MRI of malignant pleural mesothelioma: a comparative study of pharmacokinetic models and correlation with mRECIST criteria. Cancer Imaging, 2019, 19, 10.	2.8	11
51	Filtration-histogram based magnetic resonance texture analysis (MRTA) for glioma IDH and 1p19q genotyping. European Journal of Radiology, 2019, 113, 116-123.	2.6	30
52	A critical appraisal of the quality of head and neck cancer imaging guidelines using the AGREE II tool: A EuroAIM initiative. Cancer Medicine, 2019, 8, 209-215.	2.8	30
53	Motor and language deficits correlate with resting state functional magnetic resonance imaging networks in patients with brain tumors. Journal of Neuroradiology, 2019, 46, 199-206.	1.1	6
54	Anaphylaxis to trometamol excipient in gadolinium-based contrast agents for clinical imaging. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1086-1087.	3.8	42

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55	Automatic Segmentation of Vestibular Schwannoma from T2-Weighted MRI by Deep Spatial Attention with Hardness-Weighted Loss. Lecture Notes in Computer Science, 2019, , 264-272.	1.3	30
56	Decision making in surveillance of high-grade gliomas using perfusion MRI as adjunct to conventional MRI and artificial intelligence.. Journal of Clinical Oncology, 2019, 37, 2054-2054.	1.6	1
57	The value of arterial spin labelling in adults glioma grading: systematic review and meta-analysis. Oncotarget, 2019, 10, 1589-1601.	1.8	20
58	Combined use of MR-PET and 5-ALA for neurosurgical management of recurrent multiple malignant hemangiopericytomas. Journal of Neurosurgical Sciences, 2019, 63, 240-242.	0.6	0
59	Early response assessment through multiparametric MRI based endpoints in a phase II multicenter study evaluating the efficacy of DPX-Survivac, intermittent low dose cyclophosphamide (CPA) and pembrolizumab combination study in subjects with solid tumors.. Journal of Clinical Oncology, 2019, 37, e14245-e14245.	1.6	0
60	Multi-parametric MRI as supplement to mRANO criteria for response assessment to MDNA55 in adults with recurrent or progressive glioblastoma.. Journal of Clinical Oncology, 2019, 37, e13559-e13559.	1.6	0
61	A critical appraisal of the quality of glioma imaging guidelines using the AGREE II tool: A EuroAIM initiative.. Journal of Clinical Oncology, 2019, 37, e13553-e13553.	1.6	0
62	Texture analysis- and support vector machine-assisted diffusional kurtosis imaging may allow in vivo gliomas grading and IDH-mutation status prediction: a preliminary study. Scientific Reports, 2018, 8, 6108.	3.3	52
63	Diffusion-weighted MRI may support the identification of non-enhancing IDH wildtype astrocytoma. Neuro-Oncology, 2018, 20, i1-i1.	1.2	0
64	Diffusion tensor tractography: Two methods comparative evaluation for gliomas presurgical workup. Neuro-Oncology, 2018, 20, i15-i16.	1.2	0
65	Apparent diffusion coefficient for molecular subtyping of non-gadolinium-enhancing WHO grade II/III glioma: volumetric segmentation versus two-dimensional region of interest analysis. European Radiology, 2018, 28, 3779-3788.	4.5	58
66	In vivo assessment of tumor heterogeneity in WHO 2016 glioma grades using diffusion kurtosis imaging: Diagnostic performance and improvement of feasibility in routine clinical practice. Journal of Neuroradiology, 2018, 45, 32-40.	1.1	33
67	A visual quality control scale for clinical arterial spin labeling images. European Radiology Experimental, 2018, 2, 45.	3.4	12
68	Radiological phenotyping of IDH mutation status in gliomas using dynamic susceptibility contrast perfusion-weighted MRI. Annals of Oncology, 2018, 29, viii123.	1.2	0
69	IS DYNAMIC SUSCEPTIBILITY CONTRAST PERFUSION- WEIGHTED MRI RELIABLE IN THE ESTIMATION OF IDH MUTATION IN GLIOMAS?. Neuro-Oncology, 2018, 20, v347-v347.	1.2	0
70	Can diffusion tensor MR imaging identify glioma IDH mutation status?. Annals of Oncology, 2018, 29, viii129.	1.2	0
71	Role of diffusional kurtosis imaging in grading of brain gliomas: a protocol for systematic review and meta-analysis. BMJ Open, 2018, 8, e025123.	1.9	6
72	Towards Safe Deep Learning: Accurately Quantifying Biomarker Uncertainty in Neural Network Predictions. Lecture Notes in Computer Science, 2018, , 691-699.	1.3	32

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73	DIFFUSION KURTOSIS IMAGING IDENTIFIES THE IDH MUTATION STATUS OF GLIOMAS. Neuro-Oncology, 2018, 20, v351-v351.	1.2	2
74	Systematic review and meta-analysis: arterial apin labelling (ASL) efficiency in grading of adults glioma. Neuro-Oncology, 2018, 20, v360-v360.	1.2	0
75	Overview and Critical Appraisal of Arterial Spin Labelling Technique in Brain Perfusion Imaging. Contrast Media and Molecular Imaging, 2018, 2018, 1-15.	0.8	25
76	Differential diagnosis of posterior fossa tumours in children: new insights. Pediatric Radiology, 2018, 48, 1955-1963.	2.0	40
77	The role of diffusion tensor imaging for non-invasive IDH phenotyping in gliomas.. Journal of Clinical Oncology, 2018, 36, e24174-e24174.	1.6	2
78	The role of dynamic susceptibility contrast perfusion- weighted MRI in the estimation of IDH mutation in gliomas.. Journal of Clinical Oncology, 2018, 36, 12063-12063.	1.6	1
79	Non-invasive in vivo prediction of tumour grade and IDH mutation status in gliomas using dynamic susceptibility contrast (DSC) perfusion- and diffusion-weighted MRI.. Journal of Clinical Oncology, 2018, 36, e24173-e24173.	1.6	1
80	Prolonged Temozolomide Maintenance Therapy in Newly Diagnosed Glioblastoma. Oncologist, 2017, 22, 570-575.	3.7	23
81	Safety, Utility, and Clinical Results of Continuous Intraoperative Electrophysiologic Monitoring in 1.5T iMRI-Guided Surgery. World Neurosurgery, 2017, 106, 198-205.	1.3	12
82	The diagnostic value of FDG and amyloid PET in Alzheimerâ€™s diseaseâ€”A systematic review. European Journal of Radiology, 2017, 94, 16-24.	2.6	113
83	Risk Factors of Preoperative and Early Postoperative Seizures in Patients with Meningioma: A Retrospective Single-Center Cohort Study. World Neurosurgery, 2017, 97, 538-546.	1.3	37
84	In vivo molecular profiling of human glioma using diffusion kurtosis imaging. Journal of Neuro-Oncology, 2017, 131, 93-101.	2.9	56
85	Cavernous Angiomyoma of the Internal Auditory Canal. Otology and Neurotology, 2016, 37, e402-e403.	1.3	1
86	MR spectroscopy for in vivo assessment of the oncometabolite 2â€hydroxyglutarate and its effects on cellular metabolism in human brain gliomas at 9.4T. Journal of Magnetic Resonance Imaging, 2016, 44, 823-833.	3.4	36
87	Impact of combined FDG-PET/CT and MRI on the detection of local recurrence and nodal metastases in thyroid cancer. Cancer Imaging, 2016, 16, 37.	2.8	20
88	Beneficial impact of high-field intraoperative magnetic resonance imaging on the efficacy of pediatric low-grade glioma surgery. Neurosurgical Focus, 2016, 40, E13.	2.3	39
89	Fiber tracking: A qualitative and quantitative comparison between four different software tools on the reconstruction of major white matter tracts. European Journal of Radiology Open, 2016, 3, 153-161.	1.6	49
90	Prognostic value of preoperative dynamic contrast-enhanced MRI perfusion parameters for high-grade glioma patients. Neuroradiology, 2016, 58, 1197-1208.	2.2	45

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91	Low-grade Glioma Surgery in Intraoperative Magnetic Resonance Imaging. Neurosurgery, 2016, 78, 775-786.	1.1	109
92	A model-based reconstruction technique for fast dynamic T1 mapping. Magnetic Resonance Imaging, 2016, 34, 298-307.	1.8	5
93	Assessment of Progression-Free-Survival in Glioblastomas by Intratreatment Dynamic Contrast-Enhanced MRI. Clinical Neuroradiology, 2016, 26, 39-45.	1.9	18
94	Neuroendoscopic Trans-Third Ventricular Approach for Surgical Management of Ecchordosis Physaliphora. World Neurosurgery, 2016, 90, 701.e1-701.e6.	1.3	7
95	Resting-state functional MRI in an intraoperative MRI setting: proof of feasibility and correlation to clinical outcome of patients. Journal of Neurosurgery, 2016, 125, 401-409.	1.6	26
96	Evidence of Resting-state Activity in Propofol-anesthetized Patients with Intracranial Tumors. Academic Radiology, 2016, 23, 192-199.	2.5	14
97	Predictors of preoperative and early postoperative seizures in patients with intraâ€axial primary and metastatic brain tumors: A retrospective observational single center study. Annals of Neurology, 2015, 78, 917-928.	5.3	60
98	Patient Comfort During Positron Emission Tomography/Magnetic Resonance and Positron Emission Tomography/Computed Tomography Examinations. Investigative Radiology, 2015, 50, 726-732.	6.2	19
99	In vivo proton magnetic resonance spectroscopic imaging of the healthy human brain at 9.4ÂT: initial experience. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2015, 28, 239-249.	2.0	9
100	IVIM analysis of brain tumors: an investigation of the relaxation effects of CSF, blood, and tumor tissue on the estimated perfusion fraction. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2015, 28, 377-383.	2.0	28
101	MRI-Based Radiation-Free Method for Navigated Percutaneous Radiofrequency Trigeminal Rhizotomy. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2015, 76, 160-167.	0.8	9
102	Impact of tumour volume on prediction of progression-free survival in sinonasal cancer. Radiology and Oncology, 2015, 49, 286-290.	1.7	6
103	Blood-brain barrier permeability imaging using perfusion computed tomography. Radiology and Oncology, 2015, 49, 107-114.	1.7	25
104	Intraoperative MR Imaging in Neurosurgery. Clinical Neuroradiology, 2015, 25, 237-244.	1.9	21
105	Hybrid MR-PET in Neuroimaging. Clinical Neuroradiology, 2015, 25, 275-281.	1.9	4
106	PET/MR in Oncology. Current Radiology Reports, 2015, 3, 1.	1.4	0
107	Imaging Modalities and Characteristics in Medication-Related Osteonecrosis of the Jaw. , 2015, , 63-77.		0
108	Prognostic Value of Blood Flow Measurements Using Arterial Spin Labeling in Gliomas. PLoS ONE, 2014, 9, e99616.	2.5	31

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109	Simultaneous subependymomas in monozygotic female twins: further evidence for a common genetic or developmental disorder background. Journal of Neurosurgery, 2014, 121, 570-575.	1.6	6
110	Correlative assessment of tumor microcirculation using contrastâ€enhanced perfusion MRI and intravoxel incoherent motion diffusionâ€weighted MRI: is there a link between them?. NMR in Biomedicine, 2014, 27, 1184-1191.	2.8	50
111	Prognostic value of blood flow estimated by arterial spin labeling and dynamic susceptibility contrast-enhanced MR imaging in high-grade gliomas. Journal of Neuro-Oncology, 2014, 120, 557-566.	2.9	24
112	Temporal Bone Changes in Patients With Goldenhar Syndrome With Special Emphasis on Inner Ear Abnormalities. Otology and Neurotology, 2014, 35, 826-830.	1.3	19
113	Maximizing the extent of resection and survival benefit of patients in glioblastoma surgery: High-field iMRI versus conventional and 5-ALA-assisted surgery. European Journal of Surgical Oncology, 2014, 40, 297-304.	1.0	120
114	Reply to the letter to the editor called: Results expected in 5-ALA-guided resection of glioblastoma. European Journal of Surgical Oncology, 2014, 40, 1023-1024.	1.0	0
115	Spectroscopy imaging in intraoperative MR suite: tissue characterization and optimization of tumor resection. International Journal of Computer Assisted Radiology and Surgery, 2014, 9, 551-559.	2.8	20
116	WT1 expression increases with malignancy and indicates unfavourable outcome in astrocytoma. Journal of Clinical Pathology, 2014, 67, 556-561.	2.0	25
117	Combined PET/MR: Where Are We Now? Summary Report of the Second International Workshop on PET/MR Imaging April 8â€“12, 2013, Tubingen, Germany. Molecular Imaging and Biology, 2014, 16, 295-310.	2.6	38
118	Intravoxel incoherent motion diffusion-weighted MR imaging of gliomas: feasibility of the method and initial results. Neuroradiology, 2013, 55, 1189-1196.	2.2	91
119	Are we ready to image the incoherent molecular motion in our minds?. Neuroradiology, 2013, 55, 537-540.	2.2	7
120	Comparison of Three Different MR Perfusion Techniques and MR Spectroscopy for Multiparametric Assessment in Distinguishing Recurrent High-Grade Gliomas from Stable Disease. Academic Radiology, 2013, 20, 1557-1565.	2.5	93
121	Primary cerebral low-grade B-cell lymphoma, monoclonal immunoglobulin deposition disease, cerebral light chain deposition disease and â€œaggregomaâ€: an update on classification and diagnosis. BMC Neurology, 2013, 13, 107.	1.8	16
122	Correlation between Cerebral Blood Volume Measurements by Perfusion-Weighted Magnetic Resonance Imaging and Two-Year Progression-Free Survival in Gliomas. Neuroradiology Journal, 2013, 26, 385-395.	1.2	24
123	Intraoperative Visualization of Residual Tumor. Operative Neurosurgery, 2013, 72, ons151-ons158.	0.8	20
124	Metabolic Mapping of Gliomas Using Hybrid MR-PET Imaging. Investigative Radiology, 2013, 48, 295-301.	6.2	56
125	Simultaneous PET/MR imaging of the brain: feasibility of cerebral blood flow measurements with FAIR-TrueFISP arterial spin labeling MRI. Acta Radiologica, 2012, 53, 1066-1072.	1.1	16
126	Double Bolus Application in TWIST-MR-Angiography of the Cervical Arteries. Radiology Research and Practice, 2012, 2012, 1-5.	1.3	1

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127	Synchronous spontaneous cerebrospinal fluid leaks in the nose and ear. Journal of Laryngology and Otology, 2012, 126, 1186-1188.	0.8	3
128	Interpretation and applicability of empirical tissue enhancement metrics in dynamic contrast-enhanced MRI based on a multiple pathway model. Physics in Medicine and Biology, 2012, 57, N279-N294.	3.0	11
129	Squamous cell cancer of hypopharynx and larynx â€“ Evaluation of metastatic nodal disease based on computed tomography perfusion studies. European Journal of Radiology, 2012, 81, 1034-1039.	2.6	38
130	CT perfusion measurements of head and neck carcinoma from single section with largest tumor dimensions or average of multiple sections: Agreement between the two methods and effect on intra- and inter-observer agreement. European Journal of Radiology, 2012, 81, 2692-2696.	2.6	13
131	Simultaneous PET/MR imaging in a human brain PET/MR system in 50 patientsâ€”Current state of image quality. European Journal of Radiology, 2012, 81, 3472-3478.	2.6	68
132	Current status and guidelines for the assessment of tumour vascular support with dynamic contrast-enhanced computed tomography. European Radiology, 2012, 22, 1430-1441.	4.5	180
133	Astrocytomas: Predicting Survival and Recurrence Using Cerebral Blood Volume Measurements. , 2012, , 213-221.		0
134	Distinguishing Recurrent High-grade Gliomas from Radiation Injury. Academic Radiology, 2011, 18, 575-583.	2.5	102
135	Deconvolution assessment of splenic and splanchnic contributions to portal venous blood flow in liver cirrhosis. Medical Physics, 2011, 38, 2768-2782.	3.0	1
136	Feasibility of simultaneous PET/MR imaging in the head and upper neck area. European Radiology, 2011, 21, 1439-1446.	4.5	115
137	Fundamentals of tracer kinetics for dynamic contrastâ€enhanced MRI. Journal of Magnetic Resonance Imaging, 2011, 34, 1262-1276.	3.4	105
138	Slowly progressive Parkinson syndrome due to thalamic butterfly astrocytoma. Neurology, 2011, 77, 404-405.	1.1	6
139	Diffusion Tensor Imaging in a Human PET/MR Hybrid System. Investigative Radiology, 2010, 45, 270-274.	6.2	46
140	An exploratory pilot study into the association between microcirculatory parameters derived by MRI-based pharmacokinetic analysis and glucose utilization estimated by PET-CT imaging in head and neck cancer. European Radiology, 2010, 20, 2358-2366.	4.5	37
141	Computed Tomography Perfusion Assessment of Radiation Therapy Effects on Spinal Cord Hemodynamics. International Journal of Radiation Oncology Biology Physics, 2010, 77, 851-857.	0.8	2
142	Switching on the Lights for Real-Time Multimodality Tumor Neuroimaging: The Integrated Positron-Emission Tomography/MR Imaging System: Fig 1.. American Journal of Neuroradiology, 2010, 31, 610-614.	2.4	26
143	Changes in Perfusion CT of Advanced Squamous Cell Carcinoma of the Head and Neck Treated during the Course of Concomitant Chemoradiotherapy. American Journal of Neuroradiology, 2010, 31, 570-575.	2.4	56
144	Perfusion CT in Squamous Cell Carcinoma of the Upper Aerodigestive Tract: Long-Term Predictive Value of Baseline Perfusion CT Measurements. American Journal of Neuroradiology, 2010, 31, 576-581.	2.4	57

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145	Early Neurologic Outcome after Bovine Pericardium versus Venous Patch Angioplasty in 599 Patients Undergoing Carotid Endarterectomy. Vascular, 2010, 18, 147-153.	0.9	12
146	Hybrid PET/MRI of Intracranial Masses: Initial Experiences and Comparison to PET/CT. Journal of Nuclear Medicine, 2010, 51, 1198-1205.	5.0	231
147	Eight-year experience with cryopreserved arterial homografts for the in situ reconstruction of abdominal aortic infections. Journal of Vascular Surgery, 2010, 52, 323-330.	1.1	94
148	Current concepts in the classification, diagnosis and treatment of vascular anomalies. European Journal of Radiology, 2010, 75, 2-11.	2.6	156
149	Cerebral Blood Volume Measurements by Perfusion-Weighted MR Imaging in Gliomas: Ready for Prime Time in Predicting Short-Term Outcome and Recurrent Disease?. American Journal of Neuroradiology, 2009, 30, 681-688.	2.4	108
150	Differential Diagnosis of Jugular Foramen Lesions. Skull Base, 2009, 19, 003-016.	0.4	80
151	Response and Progression-Free Survival in Oropharynx Squamous Cell Carcinoma Assessed by Pretreatment Perfusion CT: Comparison with Tumor Volume Measurements. American Journal of Neuroradiology, 2009, 30, 793-799.	2.4	23
152	Cetuximab enhances the efficacy of bortezomib in squamous cell carcinoma cell lines. Journal of Cancer Research and Clinical Oncology, 2009, 135, 387-393.	2.5	17
153	Optimization of Perfusion CT Protocol for Imaging of Extracranial Head and Neck Tumors. Journal of Digital Imaging, 2009, 22, 437-448.	2.9	12
154	18F-Fluorodeoxyglucose-PET/CT to evaluate tumor, nodal disease, and gross tumor volume of oropharyngeal and oral cavity cancer: comparison with MR imaging and validation with surgical specimen. Neuroradiology, 2009, 51, 677-686.	2.2	60
155	Tracer kinetics analysis of dynamic contrastâ€enhanced CT and MR data in patients with squamous cell carcinoma of the upper aerodigestive tract: comparison of the results. Clinical Physiology and Functional Imaging, 2009, 29, 339-346.	1.2	5
156	Outcome Prediction After Surgery and Chemoradiation of Squamous Cell Carcinoma in the Oral Cavity, Oropharynx, and Hypopharynx: Use of Baseline Perfusion CT Microcirculatory Parameters vs. Tumor Volume. International Journal of Radiation Oncology Biology Physics, 2009, 73, 1313-1318.	0.8	48
157	Dynamic contrast-enhanced CT imaging of hepatocellular carcinoma in cirrhosis: feasibility of a prolonged dual-phase imaging protocol with tracer kinetics modeling. European Radiology, 2009, 19, 1184-1196.	4.5	36
158	Cervical Adenopathy and Neck Masses. , 2009, , 639-669.		2
159	SU-FF-I-62: Radiation Risks to Patients with Suspected PE Undergoing Chest CT and V/Q Scans. Medical Physics, 2009, 36, 2448-2448.	3.0	1
160	Gadoliniumâ€enhanced echoâ€planar T2â€weighted MRI of tumors in the extracranial head and neck: Feasibility study and preliminary results using a distributedâ€parameter tracer kinetic analysis. Journal of Magnetic Resonance Imaging, 2008, 27, 963-969.	3.4	16
161	Delineation and segmentation of cerebral tumors by mapping blood-brain barrier disruption with dynamic contrast-enhanced CT and tracer kinetics modelingâ€“a feasibility study. European Radiology, 2008, 18, 143-151.	4.5	8
162	A comparison of tumour perfusion assessed by deconvolution-based analysis of dynamic contrast-enhanced CT and MR imaging in patients with squamous cell carcinoma of the upper aerodigestive tract. European Radiology, 2008, 18, 843-850.	4.5	43

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