

Hidemasa Takao

List of Publications by Year in descending order

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123
papers

3,303
citations

159525

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182361

51
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124
docs citations

124
times ranked

5388
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid MR Angiography Using 3D Gradient-echo Imaging and the Two-point Dixon Method to Evaluate Carotid Plaque. <i>Magnetic Resonance in Medical Sciences</i> , 2023, 22, 373-378.	1.1	1
2	Arterial Transit Timeâ€Based Multidelay Combination Strategy Improves Arterial Spin Labeling Cerebral Blood Flow Measurement Accuracy in Severe Stenoâ€Occlusive Diseases. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 178-187.	1.9	14
3	Featureâ€fusion improves MRI singleâ€shot deep learning detection of small brain metastases. <i>Journal of Neuroimaging</i> , 2022, 32, 111-119.	1.0	12
4	Reliability and Sensitivity to Longitudinal <scp>CBF</scp> Changes in <scp>Stenoâ€Occlusive</scp> Diseases: <scp>ASL</scp> Versus ¹²³Iâ€IMPâ€SPECT</scp>. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 1723-1732.	1.9	10
5	The effect of a post-scan processing denoising system on image quality and morphometric analysis. <i>Journal of Neuroradiology</i> , 2022, 49, 205-212.	0.6	3
6	Deep-learning 2.5-dimensional single-shot detector improves the performance of automated detection of brain metastases on contrast-enhanced CT. <i>Neuroradiology</i> , 2022, 64, 1511-1518.	1.1	4
7	Preoperative portal vein embolization: a comparison of ethanol and coils versus ethanol alone. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2022, , 1-9.	0.6	0
8	Accelerated <scp>Twoâ€Point</scp> Dixon <scp>MR</scp> Angiography Improves Diagnostic Performance for Cervical Artery Diseases. <i>Journal of Magnetic Resonance Imaging</i> , 2022, , .	1.9	1
9	Predicting the Portal Vein Pressure After Portal Vein Embolization by Measuring the Pressure with Balloon Occlusion Before Embolization. <i>Journal of Vascular and Interventional Radiology</i> , 2022, , .	0.2	0
10	Neurochemical evidence for differential effects of acute and repeated oxytocin administration. <i>Molecular Psychiatry</i> , 2021, 26, 710-720.	4.1	27
11	Reliability of Changes in Brain Volume Determined by Longitudinal Voxelâ€Based Morphometry. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 609-616.	1.9	11
12	Automatic detection of brain metastases on contrast-enhanced CT with deep-learning feature-fused single-shot detectors. <i>European Journal of Radiology</i> , 2021, 136, 109577.	1.2	17
13	Automated detection of brain metastases on non-enhanced CT using single-shot detectors. <i>Neuroradiology</i> , 2021, 63, 1995-2004.	1.1	5
14	Reproducibility of Brain Volume Changes in Longitudinal Voxel-Based Morphometry Between Non-Accelerated and Accelerated Magnetic Resonance Imaging. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 281-290.	1.2	4
15	Reproducibility of Longitudinal Changes in Cortical Thickness Determined by Surfaceâ€Based Morphometry Between Nonâ€Accelerated and Accelerated MR Imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2021, , .	1.9	0
16	Longitudinal stability of resting-state networks in normal aging, mild cognitive impairment, and Alzheimer's disease. <i>Magnetic Resonance Imaging</i> , 2021, 82, 55-73.	1.0	3
17	Deep-learning single-shot detector for automatic detection of brain metastases with the combined use of contrast-enhanced and non-enhanced computed tomography images. <i>European Journal of Radiology</i> , 2021, 144, 110015.	1.2	6
18	Origin of the Time Lag Phenomenon and the Global Signal in Resting-State fMRI. <i>Frontiers in Neuroscience</i> , 2020, 14, 596084.	1.4	17

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19	Machine-learning classification using neuroimaging data in schizophrenia, autism, ultra-high risk and first-episode psychosis. <i>Translational Psychiatry</i> , 2020, 10, 278.	2.4	72
20	Accelerated acquisition of carotid MR angiography using 3D gradient-echo imaging with two-point Dixon. <i>Neuroradiology</i> , 2020, 62, 1345-1349.	1.1	5
21	Triple-balloon-assisted n-butyl-2-cyanoacrylate embolization of a cirroid renal arteriovenous malformation. <i>Vasa - European Journal of Vascular Medicine</i> , 2020, 49, 147-150.	0.6	3
22	Embolization of visceral arterial aneurysms: Simulation with 3D-printed models. <i>Vascular</i> , 2020, 28, 259-266.	0.4	3
23	Neuroanatomical Correlates of Advanced Paternal and Maternal Age at Birth in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2019, 29, 2524-2532.	1.6	11
24	Paternal age contribution to brain white matter aberrations in autism spectrum disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 649-659.	1.0	8
25	Double-Balloon-Assisted N-Butyl-2-Cyanoacrylate Embolization of Nontumorous Intrahepatic Arteriportal Shunts. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1210-1214.e2.	0.2	4
26	Association of volume of self-directed versus assigned interpretive work with diagnostic performance of radiologists: an observational study. <i>BMJ Open</i> , 2019, 9, e033390.	0.8	0
27	Global vs. Network-Specific Regulations as the Source of Intrinsic Coactivations in Resting-State Networks. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 65.	1.2	9
28	Integrated multi-echo denoising strategy improves identification of inherent language laterality. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3262-3271.	1.9	9
29	Proximal total splenic artery embolization for refractory hepatic encephalopathy. <i>Clinical Journal of Gastroenterology</i> , 2018, 11, 156-160.	0.4	0
30	Stent placement for benign portal vein stenosis following pancreaticoduodenectomy in a hybrid operating room. <i>BioScience Trends</i> , 2018, 12, 641-644.	1.1	8
31	3D Printing of Preoperative Simulation Models of a Splenic Artery Aneurysm. <i>Academic Radiology</i> , 2017, 24, 650-653.	1.3	22
32	Perioperative Hemodynamic Monitoring of Common Hepatic Artery for Endovascular Embolization of a Pancreaticoduodenal Arcade Aneurysm with Celiac Stenosis. <i>CardioVascular and Interventional Radiology</i> , 2017, 40, 465-469.	0.9	9
33	Neural basis for inferring false beliefs and social emotions in others among individuals with schizophrenia and those at ultra-high risk for psychosis. <i>Psychiatry Research - Neuroimaging</i> , 2017, 259, 34-41.	0.9	14
34	Oxytocin receptor gene variations predict neural and behavioral response to oxytocin in autism. <i>Social Cognitive and Affective Neuroscience</i> , 2017, 12, 496-506.	1.5	39
35	3D-Printed Visceral Aneurysm Models Based on CT Data for Simulations of Endovascular Embolization: Evaluation of Size and Shape Accuracy. <i>American Journal of Roentgenology</i> , 2017, 209, 243-247.	1.0	30
36	Global and structured waves of rs-fMRI signal identified as putative propagation of spontaneous neural activity. <i>NeuroImage</i> , 2016, 133, 331-340.	2.1	30

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37	Double-Balloon-Assisted n-Butyl-2-Cyanoacrylate Embolization of Intrahepatic Arterioportal Shunt Prior to Chemoembolization of Hepatocellular Carcinoma. CardioVascular and Interventional Radiology, 2016, 39, 1479-1483.	0.9	7
38	Three-Dimensional Printing of Hollow Portal Vein Stenosis Models: A Feasibility Study. Journal of Vascular and Interventional Radiology, 2016, 27, 1755-1758.	0.2	12
39	Brain morphology is individual-specific information. Magnetic Resonance Imaging, 2015, 33, 816-821.	1.0	13
40	Brain diffusivity pattern is individual-specific information. Neuroscience, 2015, 301, 395-402.	1.1	4
41	Longitudinal gray-matter volume change in the default-mode network: utility of volume standardized with global gray-matter volume for Alzheimer's disease: a preliminary study. Radiological Physics and Technology, 2015, 8, 64-72.	1.0	3
42	Diffusion-weighted magnetic resonance images and blood perfusion of hemiconvulsion-hemiplegia-epilepsy syndrome. Journal of Pediatric Neurology, 2015, 05, 243-245.	0.0	0
43	Clinical and neural effects of six-week administration of oxytocin on core symptoms of autism. Brain, 2015, 138, 3400-3412.	3.7	186
44	Plasma levels of 3-methoxy-4-hydroxyphenylglycol are associated with microstructural changes within the cerebellum in the early stage of first-episode schizophrenia: a longitudinal VBM study. Neuropsychiatric Disease and Treatment, 2014, 10, 2315.	1.0	9
45	Reduced Frontal Glutamate + Glutamine and N-Acetylaspartate Levels in Patients With Chronic Schizophrenia but not in Those at Clinical High Risk for Psychosis or With First-Episode Schizophrenia. Schizophrenia Bulletin, 2014, 40, 1128-1139.	2.3	94
46	Sex dimorphism in the white matter: Fractional anisotropy and brain size. Journal of Magnetic Resonance Imaging, 2014, 39, 917-923.	1.9	43
47	Mitigation of Sociocommunicational Deficits of Autism Through Oxytocin-Induced Recovery of Medial Prefrontal Activity. JAMA Psychiatry, 2014, 71, 166.	6.0	154
48	Network structure underlying resolution of conflicting non-verbal and verbal social information. Social Cognitive and Affective Neuroscience, 2014, 9, 767-775.	1.5	22
49	Effects of study design in multi-scanner voxel-based morphometry studies. NeuroImage, 2014, 84, 133-140.	2.1	52
50	Database of normal Japanese gray matter volumes in the default mode network. Journal of Magnetic Resonance Imaging, 2014, 39, 132-142.	1.9	4
51	Depressive symptoms and neuroanatomical structures in community-dwelling women: A combined voxel-based morphometry and diffusion tensor imaging study with tract-based spatial statistics. NeuroImage: Clinical, 2014, 4, 481-487.	1.4	25
52	Oxytocin improves behavioural and neural deficits in inferring others' social emotions in autism. Brain, 2014, 137, 3073-3086.	3.7	147
53	An fMRI study of visual lexical decision in patients with schizophrenia and clinical high-risk individuals. Schizophrenia Research, 2014, 157, 218-224.	1.1	17
54	Diffeomorphic Anatomical Registration Through Exponentiated Lie Algebra provides reduced effect of scanner for cortex volumetry with atlas-based method in healthy subjects. Neuroradiology, 2013, 55, 869-875.	1.1	95

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55	Bilateral pre- and postcentral gyrus volume positively correlates with T2-SNR of putamen in healthy adults. <i>Neuroradiology</i> , 2013, 55, 245-250.	1.1	3
56	White matter microstructure asymmetry: Effects of volume asymmetry on fractional anisotropy asymmetry. <i>Neuroscience</i> , 2013, 231, 1-12.	1.1	37
57	Effects of the use of multiple scanners and of scanner upgrade in longitudinal voxel-based morphometry studies. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1283-1291.	1.9	41
58	Structural brain abnormalities in women with subclinical depression, as revealed by voxel-based morphometry and diffusion tensor imaging. <i>Journal of Affective Disorders</i> , 2013, 144, 263-268.	2.0	37
59	Association between iron content and gray matter missegmentation with voxel-based morphometry in basal ganglia. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 958-962.	1.9	11
60	Effects of age and gender on neuroanatomical volumes. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1072-1076.	1.9	32
61	Effects of Image Distortion Correction on Voxel-based Morphometry. <i>Magnetic Resonance in Medical Sciences</i> , 2012, 11, 27-34.	1.1	20
62	A longitudinal study of brain volume changes in normal aging. <i>European Journal of Radiology</i> , 2012, 81, 2801-2804.	1.2	53
63	Fate of hypointense lesions on Gd-EOB-DTPA-enhanced magnetic resonance imaging. <i>European Journal of Radiology</i> , 2012, 81, 2973-2977.	1.2	56
64	Localized gray matter volume reductions in the pars triangularis of the inferior frontal gyrus in individuals at clinical high-risk for psychosis and first episode for schizophrenia. <i>Schizophrenia Research</i> , 2012, 137, 124-131.	1.1	69
65	Detection of liver metastasis: is diffusion-weighted imaging needed in Gd-EOB-DTPA-enhanced MR imaging for evaluation of colorectal liver metastases?. <i>Japanese Journal of Radiology</i> , 2012, 30, 648-658.	1.0	23
66	Diminished Medial Prefrontal Activity behind Autistic Social Judgments of Incongruent Information. <i>PLoS ONE</i> , 2012, 7, e39561.	1.1	63
67	Influence of Signal Intensity Non-Uniformity on Brain Volumetry Using an Atlas-Based Method. <i>Korean Journal of Radiology</i> , 2012, 13, 391.	1.5	19
68	Comparison of CT findings of biliary tract changes with autoimmune pancreatitis and extrahepatic bile duct cholangiocarcinoma. <i>Japanese Journal of Radiology</i> , 2012, 30, 227-234.	1.0	6
69	Effect of scanner in longitudinal diffusion tensor imaging studies. <i>Human Brain Mapping</i> , 2012, 33, 466-477.	1.9	56
70	Repeatability of Measured Brain Volume by Atlas-Based Method Using T1-Weighted Image. <i>Journal of Digital Imaging</i> , 2012, 25, 173-178.	1.6	5
71	Effect of head size on diffusion tensor imaging. <i>NeuroImage</i> , 2011, 57, 958-967.	2.1	45
72	Effect of scanner in asymmetry studies using diffusion tensor imaging. <i>NeuroImage</i> , 2011, 54, 1053-1062.	2.1	30

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73	MR imaging of the biliary tract with Gd-EOB-DTPA: Effect of liver function on signal intensity. <i>European Journal of Radiology</i> , 2011, 77, 325-329.	1.2	72
74	Detection of hepatocellular carcinoma by Gd-EOB-DTPA-enhanced liver MRI: Comparison with triple phase 64 detector row helical CT. <i>European Journal of Radiology</i> , 2011, 80, 310-315.	1.2	84
75	White matter asymmetry in healthy individuals: a diffusion tensor imaging study using tract-based spatial statistics. <i>Neuroscience</i> , 2011, 193, 291-299.	1.1	62
76	Cortical thickness, gray matter volume, and white matter anisotropy and diffusivity in schizophrenia. <i>Neuroradiology</i> , 2011, 53, 859-866.	1.1	16
77	Entorhinal cortex volume measured with 3T MRI is positively correlated with the Wechsler Memory Scale-Revised logical/verbal memory score for healthy subjects. <i>Neuroradiology</i> , 2011, 53, 617-622.	1.1	18
78	Effect of scanner in longitudinal studies of brain volume changes. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 438-444.	1.9	94
79	Gray and white matter asymmetries in healthy individuals aged 21â€“29 years: A voxelâ€based morphometry and diffusion tensor imaging study. <i>Human Brain Mapping</i> , 2011, 32, 1762-1773.	1.9	103
80	Relationship Between Liver Function and Liver Signal Intensity in Hepatobiliary Phase of Gadolinium Ethoxybenzyl Diethylenetriamine Pentaacetic Acid-Enhanced Magnetic Resonance Imaging. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 362-366.	0.5	91
81	Age-related changes in regional brain volume evaluated by atlas-based method. <i>Neuroradiology</i> , 2010, 52, 865-873.	1.1	31
82	Computational analysis of cerebral cortex. <i>Neuroradiology</i> , 2010, 52, 691-698.	1.1	32
83	Voxel-based analysis of the diffusion tensor. <i>Neuroradiology</i> , 2010, 52, 699-710.	1.1	59
84	Aging effects on cerebral asymmetry: a voxel-based morphometry and diffusion tensor imaging study. <i>Magnetic Resonance Imaging</i> , 2010, 28, 65-69.	1.0	20
85	High signal intensity in the dural sinuses on 3D-TOF MR angiography at 3.0 T. <i>Clinical Imaging</i> , 2010, 34, 332-336.	0.8	17
86	Cerebral asymmetry in patients with schizophrenia: A voxelâ€based morphometry (VBM) and diffusion tensor imaging (DTI) study. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 221-226.	1.9	36
87	Effects of gradient nonâ€linearity correction and intensity nonâ€uniformity correction in longitudinal studies using structural image evaluation using normalization of atrophy (SIENA). <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 489-492.	1.9	21
88	Natural history of true pancreaticoduodenal artery aneurysms. <i>British Journal of Radiology</i> , 2010, 83, 744-746.	1.0	16
89	True pancreaticoduodenal artery aneurysms: A decision analysis. <i>European Journal of Radiology</i> , 2010, 75, 110-113.	1.2	8
90	Balloon-occluded retrograde transvenous obliteration of gastric varices using three-dimensional rotational angiography. <i>British Journal of Radiology</i> , 2009, 82, e55-e57.	1.0	2

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91	Use of a saline chaser in abdominal computed tomography: a systematic review. <i>Clinical Imaging</i> , 2009, 33, 261-266.	0.8	8
92	Safety of using iodized oil in chemoembolization for liver tumors in patients with previous adverse reactions to iodinated contrast media. <i>Clinical Imaging</i> , 2009, 33, 365-368.	0.8	2
93	Free-breathing diffusion-weighted imaging for the assessment of inflammatory activity in Crohn's disease. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 29, 880-886.	1.9	183
94	Lung cancer incidence in middle-aged men estimated by low-dose computed tomography screening. <i>Lung Cancer</i> , 2009, 65, 56-61.	0.9	2
95	Structural and diffusional brain abnormality related to relatively low level alcohol consumption. <i>NeuroImage</i> , 2009, 46, 505-510.	2.1	25
96	Efficacy of Double-Arterial Phase Gadolinium Ethoxybenzyl Diethylenetriamine Pentaacetic Acid-Enhanced Liver Magnetic Resonance Imaging Compared With Double-Arterial Phase Multi-Detector Row Helical Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2009, 33, 887-892.	0.5	12
97	Computed Tomographic Coronary Angiography for Diagnosing Stable Coronary Artery Disease A Cost-Utility and Cost-Effectiveness Analysis. <i>Circulation Journal</i> , 2009, 73, 1263-1270.	0.7	17
98	Transarterial embolization of a nonpuerperal traumatic vulvar hematoma. <i>Radiation Medicine</i> , 2008, 26, 168-170.	0.8	15
99	Venous congestion associated with developmental venous anomaly: Findings on susceptibility weighted imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 1506-1509.	1.9	13
100	Simultaneous diffusion-weighted magnetic resonance images and brain blood perfusion scintigraphy for a transient lesion in the splenium of the corpus callosum. <i>Brain and Development</i> , 2008, 30, 200-202.	0.6	2
101	Primary malignant melanoma of the anterior mediastinum: CT and MR findings. <i>Clinical Imaging</i> , 2008, 32, 58-60.	0.8	11
102	Cost-effectiveness of Treatment of Unruptured Intracranial Aneurysms in Patients with a History of Subarachnoid Hemorrhage. <i>Academic Radiology</i> , 2008, 15, 1126-1132.	1.3	4
103	Screening for Familial Intracranial Aneurysms. <i>Academic Radiology</i> , 2008, 15, 462-471.	1.3	31
104	Treatment of ruptured intracranial aneurysms: a decision analysis. <i>British Journal of Radiology</i> , 2008, 81, 299-303.	1.0	11
105	Unruptured Intracranial Aneurysms: Evidence and Speculations. <i>Radiology</i> , 2008, 247, 294-295.	3.6	5
106	Recently Established Entities of Central Nervous System Tumors. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 279-285.	0.5	49
107	Evaluation of an automated system for temporal subtraction of thin-section thoracic CT. <i>British Journal of Radiology</i> , 2007, 80, 85-89.	1.0	9
108	Treatment of Unruptured Intracranial Aneurysms: Decision and Cost-effectiveness Analysis. <i>Radiology</i> , 2007, 244, 755-766.	3.6	31

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109	Mycotic pulmonary artery aneurysm diagnosed 18 years after bacterial endocarditis. <i>Clinical Imaging</i> , 2007, 31, 131-133.	0.8	1
110	Selective Catheterization of the Inferior Phrenic Artery via the Pancreaticoduodenal Arcade. <i>Journal of Vascular and Interventional Radiology</i> , 2006, 17, 1856-1857.	0.2	1
111	Ectopic Thyroid in the Adrenal Gland. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 221-222.	0.5	14
112	Temporal Subtraction of Thin-Section Thoracic Computed Tomography Based on a 3-Dimensional Nonlinear Geometric Warping Technique. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 283-286.	0.5	8
113	Diffusion-weighted Magnetic Resonance Imaging in Pituitary Abscess. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 514-516.	0.5	23
114	Serial Diffusion-Weighted Magnetic Resonance Imaging in Methanol Intoxication. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 742-744.	0.5	11
115	Cerebral Lipiodol Embolism After Transcatheter Arterial Chemoembolization of Hepatocellular Carcinoma. <i>Journal of Computer Assisted Tomography</i> , 2005, 29, 680-682.	0.5	13
116	Compression of the extrahepatic bile duct by the portal vein: a diagnostic pitfall of MR cholangiopancreatography. <i>European Radiology</i> , 2005, 15, 1069-1070.	2.3	0
117	Perforated colonic diverticulitis mimicking urachal carcinoma. <i>Clinical Imaging</i> , 2005, 29, 144-146.	0.8	2
118	Coil Embolization of an Arteriovenous Fistula Caused by Hepatic Intra-Arterial Chemotherapy. <i>CardioVascular and Interventional Radiology</i> , 2005, 28, 825-827.	0.9	4
119	Gastrointestinal stromal tumor of the retroperitoneum: CT and MR findings. <i>European Radiology</i> , 2004, 14, 1926-9.	2.3	27
120	Gallium Uptake in Pericardial Fat Necrosis. <i>Clinical Nuclear Medicine</i> , 2004, 29, 378-379.	0.7	6
121	Methionine and Glucose Metabolism of Central Neurocytoma: A PET Study. <i>Clinical Nuclear Medicine</i> , 2004, 29, 838-839.	0.7	8
122	Encapsulated Fat Necrosis Mimicking Abdominal Liposarcoma. <i>Journal of Computer Assisted Tomography</i> , 2004, 28, 193-194.	0.5	19
123	Central neurocytoma with craniospinal dissemination. <i>Journal of Neuro-Oncology</i> , 2003, 61, 255-259.	1.4	49