John A Butman

List of Publications by Year in descending order

211 papers	14,957 citations	20817 60 h-index	19749 117 g-index
216 all docs	216 docs citations	216 times ranked	16480 citing authors

#	Article	IF	Citations
1	Phase II Trial of Single-Agent Bevacizumab Followed by Bevacizumab Plus Irinotecan at Tumor Progression in Recurrent Glioblastoma. Journal of Clinical Oncology, 2009, 27, 740-745.	1.6	1,413
2	Magnetic resonance imaging and computed tomography in emergency assessment of patients with suspected acute stroke: a prospective comparison. Lancet, The, 2007, 369, 293-298.	13.7	1,033
3	An Autoinflammatory Disease with Deficiency of the Interleukin-1â€“Receptor Antagonist. New England Journal of Medicine, 2009, 360, 2426-2437.	27.0	892
4	Neonatal-Onset Multisystem Inflammatory Disease Responsive to Interleukin-1Î² Inhibition. New England Journal of Medicine, 2006, 355, 581-592.	27.0	853
5	Comparison of MRI and CT for Detection of Acute Intracerebral Hemorrhage. JAMA - Journal of the American Medical Association, 2004, 292, 1823.	7.4	661
6	Neurofibromatosis type 2. Lancet, The, 2009, 373, 1974-1986.	13.7	508
7	Inhibition of B Cell Receptor Signaling by Ibrutinib in Primary CNS Lymphoma. Cancer Cell, 2017, 31, 833-843.e5.	16.8	383
8	Gadolinium-based MRI characterization of leptomeningeal inflammation in multiple sclerosis. Neurology, 2015, 85, 18-28.	1.1	247
9	Congenital disorder of oxygen sensing: association of the homozygous Chuvash polycythemia VHL mutation with thrombosis and vascular abnormalities but not tumors. Blood, 2004, 103, 3924-3932.	1.4	244
10	SLC26A4/PDS genotype-phenotype correlation in hearing loss with enlargement of the vestibular aqueduct (EVA): evidence that Pendred syndrome and non-syndromic EVA are distinct clinical and genetic entities. Journal of Medical Genetics, 2005, 42, 159-165.	3.2	235
11	The QUASAR reproducibility study, Part II: Results from a multi-center Arterial Spin Labeling testâ€“retest study. NeuroImage, 2010, 49, 104-113.	4.2	223
12	Iron Accumulation in Deep Cortical Layers Accounts for MRI Signal Abnormalities in ALS: Correlating 7 Tesla MRI and Pathology. PLoS ONE, 2012, 7, e35241.	2.5	221
13	Normal Vision despite Narrowing of the Optic Canal in Fibrous Dysplasia. New England Journal of Medicine, 2002, 347, 1670-1676.	27.0	183
14	Sustained response and prevention of damage progression in patients with neonatalâ€•onset multisystem inflammatory disease treated with anakinra: A cohort study to determine threeâ€•and fiveâ€•year outcomes. Arthritis and Rheumatism, 2012, 64, 2375-2386.	6.7	182
15	Successful and safe perfusion of the primate brainstem: in vivo magnetic resonance imaging of macromolecular distribution during infusion. Journal of Neurosurgery, 2002, 97, 905-913.	1.6	171
16	Long-term natural history of hemangioblastomas in patients with von Hippelâ€“Lindau disease: implications for treatment. Journal of Neurosurgery, 2006, 105, 248-255.	1.6	167
17	Treatment of neurocysticercosis: Current status and future research needs. Neurology, 2006, 67, 1120-1127.	1.1	167
18	Successful Treatment of Melanoma Brain Metastases with Adoptive Cell Therapy. Clinical Cancer Research, 2010, 16, 4892-4898.	7.0	166

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19	Single-trial fMRI Shows Contralesional Activity Linked to Overt Naming Errors in Chronic Aphasic Patients. Journal of Cognitive Neuroscience, 2010, 22, 1299-1318.	2.3	158
20	Hypo-FunctionalSLC26A4variants associated with nonsyndromic hearing loss and enlargement of the vestibular aqueduct: Genotype-phenotype correlation or coincidental polymorphisms?. Human Mutation, 2009, 30, 599-608.	2.5	143
21	Prospective natural history study of central nervous system hemangioblastomas in von Hippel-Lindau disease. Journal of Neurosurgery, 2014, 120, 1055-1062.	1.6	143
22	Combination-sensitive neurons in the primary auditory cortex of the mustached bat. Journal of Neuroscience, 1993, 13, 931-940.	3.6	140
23	Time course and diagnostic utility of NfL, tau, GFAP, and UCH-L1 in subacute and chronic TBI. Neurology, 2020, 95, e623-e636.	1.1	136
24	Tumors of the Endolymphatic Sac in von Hippelâ€“Lindau Disease. New England Journal of Medicine, 2004, 350, 2481-2486.	27.0	134
25	Evaluation of essential tremor with multi-voxel magnetic resonance spectroscopy. Neurology, 2003, 60, 1344-1347.	1.1	133
26	Neurofilament light as a biomarker in traumatic brain injury. Neurology, 2020, 95, e610-e622.	1.1	127
27	Increased signal intensity in the pulvinar on T1-weighted images: a pathognomonic MR imaging sign of Fabry disease. American Journal of Neuroradiology, 2003, 24, 1096-101.	2.4	124
28	Cerebrovascular Disease in HIV-Infected Pediatric Patients: Neuroimaging Findings. American Journal of Roentgenology, 2002, 179, 999-1003.	2.2	120
29	Real-time image-guided direct convective perfusion of intrinsic brainstem lesions. Journal of Neurosurgery, 2007, 107, 190-197.	1.6	119
30	NLRP3 mutation and cochlear autoinflammation cause syndromic and nonsyndromic hearing loss DFNA34 responsive to anakinra therapy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7766-E7775.	7.1	117
31	Edema is a precursor to central nervous system peritumoral cyst formation. Annals of Neurology, 2005, 58, 392-399.	5.3	111
32	User-friendly software for the analysis of brain lesions (ABLe). Computer Methods and Programs in Biomedicine, 2007, 86, 245-254.	4.7	111
33	Neurologic Manifestations of von Hippel-Lindau Disease. JAMA - Journal of the American Medical Association, 2008, 300, 1334.	7.4	111
34	White matter alterations differ in primary lateral sclerosis and amyotrophic lateral sclerosis. Brain, 2011, 134, 2642-2655.	7.6	108
35	West Nile Virus: Pathogenesis and Therapeutic Options. Annals of Internal Medicine, 2004, 140, 545.	3.9	105
36	Long-term natural history of neurofibromatosis Type 2â€“associated intracranial tumors. Journal of Neurosurgery, 2012, 117, 109-117.	1.6	103

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37	Phase 2 trial of talampanel, a glutamate receptor inhibitor, for adults with recurrent malignant gliomas. Cancer, 2010, 116, 1776-1782.	4.1	101
38	A phase I/II trial of enzastaurin in patients with recurrent high-grade gliomas. Neuro-Oncology, 2010, 12, 181-189.	1.2	101
39	Prospective evaluation of radiosurgery for hemangioblastomas in von Hippel-Lindau disease. Neuro-Oncology, 2010, 12, 80-86.	1.2	101
40	A phase II trial of single-agent bevacizumab in patients with recurrent anaplastic glioma. Neuro-Oncology, 2011, 13, 1143-1150.	1.2	100
41	Pathophysiology of primary spinal syringomyelia. Journal of Neurosurgery: Spine, 2012, 17, 367-380.	1.7	97
42	Image-guided, direct convective delivery of glucocerebrosidase for neuronopathic Gaucher disease. Neurology, 2007, 68, 254-261.	1.1	93
43	Cerebrovascular disease associated with sickle cell pulmonary hypertension. American Journal of Hematology, 2006, 81, 503-510.	4.1	90
44	Rapid, high-resolution, whole-brain, susceptibility-based MRI of multiple sclerosis. Multiple Sclerosis Journal, 2014, 20, 1464-1470.	3.0	90
45	Decreased GABA-A binding on FMZ-PET in succinic semialdehyde dehydrogenase deficiency. Neurology, 2009, 73, 423-429.	1.1	88
46	Robust skull stripping using multiple MR image contrasts insensitive to pathology. NeuroImage, 2017, 146, 132-147.	4.2	84
47	LONG-TERM OUTCOME OF OPTIC NERVE ENCASEMENT AND OPTIC NERVE DECOMPRESSION IN PATIENTS WITH FIBROUS DYSPLASIA. Neurosurgery, 2006, 59, 1011-1018.	1.1	81
48	Pathophysiology of persistent syringomyelia after decompressive craniocervical surgery. Journal of Neurosurgery: Spine, 2010, 13, 729-742.	1.7	80
49	Quantification of brain lesions using interactive automated software. Behavior Research Methods, 2002, 34, 6-18.	1.3	79
50	Mechanisms of Morbid Hearing Loss Associated With Tumors of the Endolymphatic Sac in von Hippel-Lindau Disease. JAMA - Journal of the American Medical Association, 2007, 298, 41.	7.4	76
51	CryopyrinâEAssociated Periodic Syndromes. Otolaryngology - Head and Neck Surgery, 2011, 145, 295-302.	1.9	74
52	Surgery versus Watchful Waiting in Patients with Craniofacial Fibrous Dysplasia â€“ a Meta-Analysis. PLoS ONE, 2011, 6, e25179.	2.5	71
53	PET Attenuation Correction Using Synthetic CT from Ultrashort Echo-Time MR Imaging. Journal of Nuclear Medicine, 2014, 55, 2071-2077.	5.0	69
54	Interferon-?1a therapy in human T-lymphotropic virus type I-associated neurologic disease. Annals of Neurology, 2005, 57, 526-534.	5.3	68

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55	SLC26A4 genotype, but not cochlear radiologic structure, is correlated with hearing loss in ears with an enlarged vestibular aqueduct. Laryngoscope, 2010, 120, 384-389.	2.0	68
56	<i>SLC26A4</i> Genotypes and Phenotypes Associated with Enlargement of the Vestibular Aqueduct. Cellular Physiology and Biochemistry, 2011, 28, 545-552.	1.6	68
57	Tumors of the endolymphatic sac in patients with von Hippelâ€"Lindau disease: implications for their natural history, diagnosis, and treatment. Journal of Neurosurgery, 2005, 102, 503-512.	1.6	65
58	Validation of Dynamic Contrast-Enhanced Magnetic Resonance Imaging-Derived Vascular Permeability Measurements Using Quantitative Autoradiography in the RG2 Rat Brain Tumor Model. Neoplasia, 2007, 9, 546-555.	5.3	64
59	Optic Neuropathy in McCune-Albright Syndrome: Effects of Early Diagnosis and Treatment of Growth Hormone Excess. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E126-E134.	3.6	64
60	Head of the caudate nucleus is most vulnerable in choreaâ€“acanthocytosis: A voxel-based morphometry study. Movement Disorders, 2006, 21, 1728-1731.	3.9	62
61	Sources on the anterior and posterior banks of the central sulcus identified from magnetic somatosensory evoked responses using Multi-Start Spatio-Temporal localization. Human Brain Mapping, 2000, 11, 59-76.	3.6	61
62	Association of brain-derived neurotrophic factor (BDNF) haploinsufficiency with lower adaptive behaviour and reduced cognitive functioning in WAGR/11p13 deletion syndrome. Cortex, 2013, 49, 2700-2710.	2.4	61
63	Pain control through selective chemo-axotomy of centrally projecting TRPV1+ sensory neurons. Journal of Clinical Investigation, 2018, 128, 1657-1670.	8.2	61
64	Image-guided convection-enhanced delivery of gemcitabine to the brainstem. Journal of Neurosurgery, 2007, 106, 351-356.	1.6	59
65	A 24-month open-label study of canakinumab in neonatal-onset multisystem inflammatory disease. Annals of the Rheumatic Diseases, 2015, 74, 1714-1719.	0.9	59
66	Pituitary stalk hemangioblastomas in von Hippelâ€“Lindau disease. Journal of Neurosurgery, 2009, 110, 350-353.	1.6	58
67	Improved measurement of brain deformation during mild head acceleration using a novel tagged MRI sequence. Journal of Biomechanics, 2014, 47, 3475-3481.	2.1	58
68	In vivo detection of cortical plaques by MR imaging in patients with multiple sclerosis. American Journal of Neuroradiology, 2006, 27, 2161-7.	2.4	58
69	Mechanisms of Hearing Loss in Neurofibromatosis Type 2. PLoS ONE, 2012, 7, e46132.	2.5	55
70	Real-time in vivo imaging of the convective distribution of a low-molecular-weight tracer. Journal of Neurosurgery, 2005, 102, 90-97.	1.6	54
71	A New Method for the Study of Velopharyngeal Function Using Gated Magnetic Resonance Imaging. Plastic and Reconstructive Surgery, 2002, 109, 472-481.	1.4	53
72	Review of the Neurological Implications of von Hippelâ€“Lindau Disease. JAMA Neurology, 2018, 75, 620.	9.0	50

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73	Pegvisomant for the Treatment of gsp-Mediated Growth Hormone Excess in Patients with McCune-Albright Syndrome. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2960-2966.	3.6	48
74	Conventional magnetic resonance imaging features in patients with tropical spastic paraparesis. Journal of NeuroVirology, 2005, 11, 525-534.	2.1	46
75	Surgical resection of endolymphatic sac tumors in von Hippelâ€Lindau disease: Findings, results, and indications. Laryngoscope, 2013, 123, 477-483.	2.0	46
76	The vestibular aqueduct: site of origin of endolymphatic sac tumors. Journal of Neurosurgery, 2008, 108, 751-756.	1.6	45
77	Segregation of enlarged vestibular aqueducts in families with non-diagnostic SLC26A4 genotypes. Journal of Medical Genetics, 2009, 46, 856-861.	3.2	45
78	Evidence of polyclonality in neurofibromatosis type 2â€“associated multilobulated vestibular schwannomas. Neuro-Oncology, 2015, 17, 566-573.	1.2	45
79	A 3D Computational Head Model Under Dynamic Head Rotation and Head Extension Validated Using Live Human Brain Data, Including the Falx and the Tentorium. Annals of Biomedical Engineering, 2019, 47, 1923-1940.	2.5	44
80	Vestibular Dysfunction in Patients with Enlarged Vestibular Aqueduct. Otolaryngology - Head and Neck Surgery, 2015, 153, 257-262.	1.9	43
81	In vivo estimates of axonal stretch and 3D brain deformation during mild head impact. Brain Multiphysics, 2020, 1, 100015.	2.3	43
82	Local distribution and toxicity of prolonged hippocampal infusion of muscimol. Journal of Neurosurgery, 2005, 103, 1035-1045.	1.6	42
83	Nonsyndromic hearing loss DFNA10 and a novel mutation of EYA4: Evidence for correlation of normal cardiac phenotype with truncating mutations of the Eya domain. American Journal of Medical Genetics, Part A, 2007, 143A, 1592-1598.	1.2	42
84	Effect of ependymal and pial surfaces on convectionenhanced delivery. Journal of Neurosurgery, 2008, 109, 547-552.	1.6	41
85	Outcomes of Adoptive Cell Transfer With Tumor-infiltrating Lymphocytes for Metastatic Melanoma Patients With and Without Brain Metastases. Journal of Immunotherapy, 2018, 41, 241-247.	2.4	40
86	Effects of VHL Deficiency on Endolymphatic Duct and Sac. Cancer Research, 2005, 65, 10847-10853.	0.9	39
87	Biological and clinical impact of hemangioblastoma-associated peritumoral cysts in von Hippel-Lindau disease. Journal of Neurosurgery, 2016, 124, 971-976.	1.6	37
88	Decreased thickness of primary motor cortex in primary lateral sclerosis. American Journal of Neuroradiology, 2007, 28, 87-91.	2.4	37
89	PreSMA stimulation changes taskâ€free functional connectivity in the frontoâ€basalâ€ganglia that correlates with response inhibition efficiency. Human Brain Mapping, 2016, 37, 3236-3249.	3.6	36
90	Specialized Subsystems for Processing Biologically Important Complex Sounds: Cross-correlation Analysis for Ranging in the Bat's Brain. Cold Spring Harbor Symposia on Quantitative Biology, 1990, 55, 585-597.	1.1	35

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91	Cortical mapping and frameless stereotactic navigation in the high-field intraoperative magnetic resonance imaging suite. Journal of Neurosurgery, 2009, 111, 1185-1190.	1.6	35
92	A phase II trial of enzastaurin (LY317615) in combination with bevacizumab in adults with recurrent malignant gliomas. Journal of Neuro-Oncology, 2016, 127, 127-135.	2.9	35
93	In vivo epigenetic editing of Sema6a promoter reverses transcallosal dysconnectivity caused by C11orf46/Arl14ep risk gene. Nature Communications, 2019, 10, 4112.	12.8	34
94	Origin of Syrinx Fluid in Syringomyelia: A Physiological Study. Neurosurgery, 2019, 84, 457-468.	1.1	34
95	Trauma-Specific Brain Abnormalities in Suspected Mild Traumatic Brain Injury Patients Identified in the First 48 Hours after Injury: A Blinded Magnetic Resonance Imaging Comparative Study Including Suspected Acute Minor Stroke Patients. Journal of Neurotrauma, 2017, 34, 23-30.	3.4	32
96	Statistical Characterization of Human Brain Deformation During Mild Angular Acceleration Measured In Vivo by Tagged Magnetic Resonance Imaging. Journal of Biomechanical Engineering, 2018, 140, .	1.3	31
97	Transcranial direct current stimulation facilitates response inhibition through dynamic modulation of the fronto-basal ganglia network. Brain Stimulation, 2020, 13, 96-104.	1.6	30
98	Differentiating pseudoprogression from true progression: analysis of radiographic, biologic, and clinical clues in GBM. Journal of Neuro-Oncology, 2018, 139, 145-152.	2.9	29
99	Distributed deep learning across multisite datasets for generalized CT hemorrhage segmentation. Medical Physics, 2020, 47, 89-98.	3.0	28
100	Otolaryngologic markers for the early diagnosis of Turner syndrome. International Journal of Pediatric Otorhinolaryngology, 2009, 73, 1564-1567.	1.0	27
101	TBI contusion segmentation from MRI using convolutional neural networks. , 2018, , .		27
102	Role of edema in peritumoral cyst formation. Neurosurgical Focus, 2007, 22, 1-7.	2.3	26
103	Use ofSLC26A4Mutation Testing for Unilateral Enlargement of the Vestibular Aqueduct. JAMA Otolaryngology - Head and Neck Surgery, 2013, 139, 907.	2.2	26
104	Segmentation of brain tumors in 4D MR images using the hidden Markov model. Computer Methods and Programs in Biomedicine, 2006, 84, 76-85.	4.7	25
105	Hearing loss associated with enlarged vestibular aqueduct and zero or one mutant allele of SLC26A4. Laryngoscope, 2017, 127, E238-E243.	2.0	25
106	Surgical management of lumbosacral nerve root hemangioblastomas in von Hippelâ€”Lindau syndrome. Journal of Neurosurgery: Spine, 2003, 99, 64-69.	1.7	24
107	Investigation of the Role of Congenital Cytomegalovirus Infection in the Etiology of Enlarged Vestibular Aqueducts. JAMA Otolaryngology, 2005, 131, 388.	1.2	24
108	Wholeâ€brain cerebral blood flow mapping using 3D echo planar imaging and pulsed arterial tagging. Journal of Magnetic Resonance Imaging, 2011, 33, 287-295.	3.4	24

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109	MR Imaging of Human Brain Mechanics In Vivo: New Measurements to Facilitate the Development of Computational Models of Brain Injury. Annals of Biomedical Engineering, 2021, 49, 2677-2692.	2.5	24
110	Clinical Course of Retrobulbar Hemangioblastomas in von Hippelâ€“Lindau Disease. Ophthalmology, 2008, 115, 1382-1389.	5.2	22
111	Altered language processing in autosomal dominant partial epilepsy with auditory features. Neurology, 2008, 71, 1973-1980.	1.1	22
112	Phase I Study of Dose-Adjusted-Teddi-R with Ibrutinib in Untreated and Relapsed/Refractory Primary CNS Lymphoma. Blood, 2015, 126, 472-472.	1.4	22
113	Pineal hypoplasia, reduced melatonin and sleep disturbance in patients with <scp>PAX</scp>6 haploinsufficiency. Journal of Sleep Research, 2016, 25, 16-22.	3.2	21
114	A Phase II trial of tandutinib (MLN 518) in combination with bevacizumab for patients with recurrent glioblastoma. CNS Oncology, 2016, 5, 59-67.	3.0	21
115	Variable expressivity of FGF3 mutations associated with deafness and LAMM syndrome. BMC Medical Genetics, 2011, 12, 21.	2.1	20
116	Tracking accuracy of T2- and diffusion-weighted magnetic resonance imaging for infusate distribution by convection-enhanced delivery. Journal of Neurosurgery, 2011, 115, 474-480.	1.6	20
117	Lasting deficit in inhibitory control with mild traumatic brain injury. Scientific Reports, 2017, 7, 14902.	3.3	20
118	A deep learning framework for brain extraction in humans and animals with traumatic brain injury. , 2018, , .		20
119	Meningeal bloodâ€“brain barrier disruption in acute traumatic brain injury. Brain Communications, 2020, 2, fcaa143.	3.3	20
120	Metabolically stable bradykinin B2 receptor agonists enhance transvascular drug delivery into malignant brain tumors by increasing drug half-life. Journal of Translational Medicine, 2009, 7, 33.	4.4	19
121	Quantitative assessment of susceptibilityâ€weighted imaging processing methods. Journal of Magnetic Resonance Imaging, 2014, 40, 1463-1473.	3.4	19
122	Aspergillosis, eosinophilic esophagitis, and allergic rhinitis in signal transducer and activator of transcription 3 haploinsufficiency. Journal of Allergy and Clinical Immunology, 2018, 142, 993-997.e3.	2.9	19
123	Convection-Enhanced Delivery of Muscimol in Patients with Drug-Resistant Epilepsy. Neurosurgery, 2019, 85, E4-E15.	1.1	19
124	Synthesizing CT from Ultrashort Echo-Time MR Images via Convolutional Neural Networks. Lecture Notes in Computer Science, 2017, , 24-32.	1.3	19
125	Endolymphatic sac tumor demonstrated by intralabyrinthine hemorrhage. Journal of Neurosurgery, 2007, 107, 421-425.	1.6	18
126	Changes in Plasma von Willebrand Factor and Cellular Fibronectin in MRI-Defined Traumatic Microvascular Injury. Frontiers in Neurology, 2019, 10, 246.	2.4	18

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127	Semi-automatic spinal cord segmentation and quantification. International Congress Series, 2005, 1281, 224-229.	0.2	17
128	Progressive peritumoral edema defining the optic fibers and resulting in reversible visual loss. Journal of Neurosurgery, 2008, 109, 313-317.	1.6	16
129	Vascular Abnormalities within Normal Appearing Tissue in Chronic Traumatic Brain Injury. Journal of Neurotrauma, 2018, 35, 2250-2258.	3.4	16
130	Sacral hemangioblastoma in a patient with von Hippelâ€“Lindau disease. Neurosurgical Focus, 2003, 15, 1-4.	2.3	15
131	Modulated repetition time lookâ€locker (MORTLL): A method for rapid high resolution threeâ€dimensional T1 mapping. Journal of Magnetic Resonance Imaging, 2009, 30, 640-648.	3.4	15
132	Imaging detection of endolymphatic sac tumorâ€“associated hydrops. Journal of Neurosurgery, 2013, 119, 406-411.	1.6	15
133	Idiopathic intracranial hypertension following kidney transplantation: A case report and review of the literature. Pediatric Transplantation, 2005, 9, 545-550.	1.0	14
134	Clinical, radiographic, and electrophysiologic findings in patients with achiasma or hypochiasma. Neuro-Ophthalmology, 2001, 26, 43-57.	1.0	13
135	Pathogenesis of tumor-associated syringomyelia demonstrated by peritumoral contrast material leakage. Journal of Neurosurgery: Spine, 2006, 4, 426.	1.7	13
136	Blast-Related Traumatic Brain Injury in U.S. Military Personnel. New England Journal of Medicine, 2011, 365, 859-861.	27.0	13
137	Epidermal growth factor receptor as a novel molecular target for aggressive papillary tumors in the middle ear and temporal bone. Oncotarget, 2015, 6, 11357-11368.	1.8	13
138	<title>Confocal volume rendering: fast, segmentation-free visualization of internal structures</title>. , 2000, 3976, 70.		12
139	Subarachnoid hemorrhage and the distribution of drugs delivered into the cerebrospinal fluid. Journal of Neurosurgery, 2009, 111, 1001-1007.	1.6	12
140	Long-term stability after multilevel cervical laminectomy for spinal cord tumor resection in von Hippel-Lindau disease. Journal of Neurosurgery: Spine, 2011, 14, 444-452.	1.7	12
141	Distributed deep learning for robust multi-site segmentation of CT imaging after traumatic brain injury. , 2019, 10949, .		12
142	Chimeric Negative Regulation ofp14ARFandTBX1by a t(9;22) Translocation Associated with Melanoma, Deafness, and DNA Repair Deficiency. Human Mutation, 2013, 34, 1250-1259.	2.5	11
143	Audiovestibular Characteristics of Small Cochleovestibular Schwannomas in Neurofibromatosis Type 2. Otolaryngology - Head and Neck Surgery, 2014, 151, 117-124.	1.9	11
144	Improved SNR for combined TMS-fMRI: A support device for commercially available body array coil. Journal of Neuroscience Methods, 2017, 289, 1-7.	2.5	11

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145	Lens Dose Reduction by Patient Posture Modification During Neck CT. American Journal of Roentgenology, 2018, 210, 1111-1117.	2.2	11
146	Atypical patterns of segregation of familial enlargement of the vestibular aqueduct. Laryngoscope, 2016, 126, E240-E247.	2.0	10
147	Patch Based Synthesis of Whole Head MR Images: Application To EPI Distortion Correction. Lecture Notes in Computer Science, 2016, 9968, 146-156.	1.3	10
148	Synaptic mechanisms shaping delay-tuned combination-sensitivity in the auditory thalamus of mustached bats. Hearing Research, 2016, 331, 69-82.	2.0	10
149	Federated Gradient Averaging for Multi-Site Training with Momentum-Based Optimizers. Lecture Notes in Computer Science, 2020, 12444, 170-180.	1.3	10
150	Classifying magnetic resonance image modalities with convolutional neural networks. , 2018, , .		10
151	Uncommon Presentations of Malignancies. Journal of Clinical Oncology, 2003, 21, 2993-2995.	1.6	9
152	Template-Based $B _{1}$ Inhomogeneity Correction in 3T MRI Brain Studies. IEEE Transactions on Medical Imaging, 2010, 29, 1927-1941.	8.9	9
153	Hereditary Hearing Loss with Thyroid Abnormalities. Advances in Oto-Rhino-Laryngology, 2011, 70, 43-49.	1.6	9
154	Endosphenoidal coil for intraoperative magnetic resonance imaging of the pituitary gland during transsphenoidal surgery. Journal of Neurosurgery, 2016, 125, 1451-1459.	1.6	9
155	Brain phenotyping in Moebius syndrome and other congenital facial weakness disorders by diffusion MRI morphometry. Brain Communications, 2020, 2, fcaa014.	3.3	9
156	Effect of foreknowledge on neural activity of primary Ã¢â‚¬Å“goÃ¢â‚¬Â•responses relates to response stopping and switching. Frontiers in Human Neuroscience, 2015, 9, 34.	2.0	8
157	Cerebral microbleed segmentation from susceptibility weighted images. Proceedings of SPIE, 2015, , .	0.8	8
158	Reduced distortion artifact whole brain CBF mapping using blip-reversed non-segmented 3D echo planar imaging with pseudo-continuous arterial spin labeling. Magnetic Resonance Imaging, 2017, 44, 119-124.	1.8	8
159	Thoracic spinal nerve hemangioblastoma. Journal of Neurosurgery: Spine, 2004, 1, 142.	1.7	7
160	Gradient echo MRI. Neurology, 2009, 72, 1576-1581.	1.1	7
161	Intracranial Arteries in Individuals with the Elastin Gene Hemideletion of Williams Syndrome. American Journal of Neuroradiology, 2014, 35, 90-94.	2.4	7
162	Automatic falx cerebri and tentorium cerebelli segmentation from magnetic resonance images. Proceedings of SPIE, 2017, 10137, .	0.8	7

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163	Cochlear Implantation for Hearing Loss Associated With Bilateral Endolymphatic Sac Tumors in von Hippel-Lindau Disease. Otology and Neurotology, 2007, 28, 927-930.	1.3	7
164	Dose-Adjusted Teddi-R Induces Durable Complete Remissions in Relapsed and Refractory Primary CNS Lymphoma. Blood, 2018, 132, 4195-4195.	1.4	7
165	Preliminary Results of a Response-Adapted Study of Ibrutinib and Isavuconazole with Temozolomide, Etoposide, Liposomal Doxorubicin, Dexamethasone, Rituximab (TEDDI-R) for Secondary CNS Lymphoma. Blood, 2020, 136, 24-25.	1.4	7
166	Pendred Syndrome. Seminars in Hearing, 2006, 27, 160-170.	1.2	6
167	Assessment of ventricle volume from serial MRI scans in communicating hydrocephalus. , 2008, , .		6
168	Artifactual microhemorrhage generated by susceptibility weighted image processing. Journal of Magnetic Resonance Imaging, 2015, 41, 1695-1700.	3.4	6
169	Falx Cerebri Segmentation via Multi-atlas Boundary Fusion. Lecture Notes in Computer Science, 2017, 10433, 92-99.	1.3	6
170	Inhibitory mechanisms shaping delay-tuned combination-sensitivity in the auditory cortex and thalamus of the mustached bat. Hearing Research, 2019, 373, 71-84.	2.0	5
171	Group characterization of impact-induced, in vivo human brain kinematics. Journal of the Royal Society Interface, 2021, 18, 20210251.	3.4	5
172	Improving Image Contrast Using Principal Component Analysis for Subsequent Image Segmentation. Journal of Computer Assisted Tomography, 2001, 25, 817-822.	0.9	4
173	Deep learning of resting state networks from independent component analysis. , 2018, , .		4
174	3D Brain Deformation in Cadaveric Specimens Compared to Healthy Volunteers Under Non-injurious Loading Conditions. , 2021, , 113-122.		4
175	Extracting 2D weak labels from volume labels using multiple instance learning in CT hemorrhage detection. , 2020, 11313, .		4
176	Automated Classification of Resting-State fMRI ICA Components Using a Deep Siamese Network. Frontiers in Neuroscience, 2022, 16, 768634.	2.8	4
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