

Alexander M Mckinney

List of Publications by Year in descending order

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107
papers

3,754
citations

186265

28
h-index

138484

58
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112
all docs

112
docs citations

112
times ranked

4397
citing authors

#	ARTICLE	IF	CITATIONS
1	Posterior Reversible Encephalopathy Syndrome: Incidence of Atypical Regions of Involvement and Imaging Findings. American Journal of Roentgenology, 2007, 189, 904-912.	2.2	646
2	Blood-brain barrier, reperfusion injury, and hemorrhagic transformation in acute ischemic stroke. Neurology, 2012, 79, S52-7.	1.1	391
3	Detection of Aneurysms by 64-Section Multidetector CT Angiography in Patients Acutely Suspected of Having an Intracranial Aneurysm and Comparison with Digital Subtraction and 3D Rotational Angiography. American Journal of Neuroradiology, 2008, 29, 594-602.	2.4	215
4	Acute Toxic Leukoencephalopathy: Potential for Reversibility Clinically and on MRI With Diffusion-Weighted and FLAIR Imaging. American Journal of Roentgenology, 2009, 193, 192-206.	2.2	145
5	Detection of Microhemorrhage in Posterior Reversible Encephalopathy Syndrome Using Susceptibility-Weighted Imaging. American Journal of Neuroradiology, 2012, 33, 896-903.	2.4	125
6	Central-Variant Posterior Reversible Encephalopathy Syndrome: Brainstem or Basal Ganglia Involvement Lacking Cortical or Subcortical Cerebral Edema. American Journal of Roentgenology, 2013, 201, 631-638.	2.2	108
7	Controversy of posterior reversible encephalopathy syndrome: what have we learnt in the last 20 years?. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 14-20.	1.9	104
8	Multi-section CT angiography for detection of cerebral aneurysms. American Journal of Neuroradiology, 2004, 25, 1485-92.	2.4	104
9	Acute Hepatic Encephalopathy: Diffusion-Weighted and Fluid-Attenuated Inversion Recovery Findings, and Correlation with Plasma Ammonia Level and Clinical Outcome. American Journal of Neuroradiology, 2010, 31, 1471-1479.	2.4	88
10	Toxic Leukoencephalopathy following Fludarabine-Associated Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2011, 17, 300-308.	2.0	87
11	Utility and Significance of Gadolinium-Based Contrast Enhancement in Posterior Reversible Encephalopathy Syndrome. American Journal of Neuroradiology, 2016, 37, 415-422.	2.4	75
12	Imaging Patterns of Toxic and Metabolic Brain Disorders. Radiographics, 2019, 39, 1672-1695.	3.3	66
13	ACR guidance document on MR safe practices: Updates and critical information 2019. Journal of Magnetic Resonance Imaging, 2020, 51, 331-338.	3.4	61
14	Safety Considerations of 7-T MRI in Clinical Practice. Radiology, 2019, 292, 509-518.	7.3	60
15	Diffusion-weighted imaging in the setting of diffuse cortical laminar necrosis and hypoxic-ischemic encephalopathy. American Journal of Neuroradiology, 2004, 25, 1659-65.	2.4	57
16	Carotid bifurcation calcium and correlation with percent stenosis of the internal carotid artery on CT angiography. Neuroradiology, 2005, 47, 1-9.	2.2	56
17	Diffusion abnormalities of the globi pallidi in manganese neurotoxicity. Neuroradiology, 2004, 46, 291-295.	2.2	53
18	Posterior Reversible Encephalopathy Syndrome. Seminars in Ultrasound, CT and MRI, 2014, 35, 118-135.	1.5	53

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19	Transforaminal Lumbar Puncture: An Alternative Technique in Patients with Challenging Access. American Journal of Neuroradiology, 2018, 39, 986-991.	2.4	42
20	Unilateral hypoxic-ischemic injury in young children from abusive head trauma, lacking craniocervical vascular dissection or cord injury. Pediatric Radiology, 2008, 38, 164-174.	2.0	41
21	CT Perfusion in Acute Lacunar Stroke: Detection Capabilities Based on Infarct Location. American Journal of Neuroradiology, 2016, 37, 2239-2244.	2.4	39
22	Acute Toxic Leukoencephalopathy: Etiologies, Imaging Findings, and Outcomes in 101 Patients. American Journal of Neuroradiology, 2019, 40, 267-275.	2.4	38
23	Acute Ischemic Stroke Infarct Topology: Association with Lesion Volume and Severity of Symptoms at Admission and Discharge. American Journal of Neuroradiology, 2017, 38, 58-63.	2.4	37
24	Toxic Leukoencephalopathies, Including Drug, Medication, Environmental, and Radiation-Induced Encephalopathic Syndromes. Seminars in Ultrasound, CT and MRI, 2014, 35, 97-117.	1.5	35
25	Angiographic frequency of blunt cerebrovascular injury in patients with carotid canal or vertebral foramen fractures on multidetector CT. European Journal of Radiology, 2007, 62, 385-393.	2.6	34
26	CT perfusion imaging in the management of posterior reversible encephalopathy. Neuroradiology, 2004, 46, 272-276.	2.2	32
27	Reduced Diffusion in Neurocysticercosis: Circumstances of Appearance and Possible Natural History Implications. American Journal of Neuroradiology, 2013, 34, 310-316.	2.4	31
28	Acute CT perfusion changes in seizure patients presenting to the emergency department with stroke-like symptoms: correlation with clinical and electroencephalography findings. Clinical Radiology, 2015, 70, 1136-1143.	1.1	31
29	Seizure outcomes of posterior reversible encephalopathy syndrome and correlations with electroencephalographic changes. Epilepsy and Behavior, 2015, 48, 70-74.	1.7	29
30	Clinical and Imaging Features of Fludarabine Neurotoxicity. Journal of Neuro-Ophthalmology, 2010, 30, 37-41.	0.8	28
31	Multi-slice CT angiography in evaluation of extracranialâ€œintracranial bypass. European Journal of Radiology, 2004, 52, 217-220.	2.6	26
32	Practice Patterns and Opening Pressure Measurements Using Fluoroscopically Guided Lumbar Puncture. American Journal of Neuroradiology, 2012, 33, 823-825.	2.4	26
33	Congenital Genetic Inborn Errors of Metabolism Presenting as an Adult or Persisting Into Adulthood: Neuroimaging in the More Common or Recognizable Disorders. Seminars in Ultrasound, CT and MRI, 2014, 35, 160-191.	1.5	26
34	Multi-slice CT angiography of small cerebral aneurysms: is the direction of aneurysm important in diagnosis?. European Journal of Radiology, 2005, 53, 454-462.	2.6	25
35	MR Imaging of Vogt-Koyanagi-Harada Syndrome with Leptomeningeal Enhancement: Fig 1.. American Journal of Neuroradiology, 2011, 32, E169-E171.	2.4	25
36	Screening and detection of blunt vertebral artery injury in patients with upper cervical fractures: The role of cervical CT and CT angiography. European Journal of Radiology, 2014, 83, 571-577.	2.6	25

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37	Dilation of the Subarachnoid Spaces Surrounding the Cranial Nerves with Petrous Apex Cephaloceles in Usher Syndrome. <i>American Journal of Neuroradiology</i> , 2009, 30, 434-436.	2.4	24
38	Not the typical Tornwaldt's cyst this time? A nasopharyngeal cyst associated with canalis basilaris medianus. <i>British Journal of Radiology</i> , 2011, 84, e169-e171.	2.2	24
39	Accuracy of routine fat-suppressed FLAIR and diffusion-weighted images in detecting clinically evident acute optic neuritis. <i>Acta Radiologica</i> , 2013, 54, 455-461.	1.1	24
40	MR imaging and ultrasound of fetal cervical cystic lymphangioma: utility in antepartum treatment planning. <i>Diagnostic and Interventional Radiology</i> , 2005, 11, 87-9.	1.5	24
41	Reperfusion Phenomenon Masking Acute and Subacute Infarcts at Dynamic Perfusion CT: Confirmation by Fusion of CT and Diffusion-Weighted MR Images. <i>American Journal of Roentgenology</i> , 2009, 193, 1629-1638.	2.2	23
42	Proton MR spectroscopy in Wilson disease: analysis of 36 cases. <i>American Journal of Neuroradiology</i> , 2005, 26, 1066-71.	2.4	23
43	Accuracy of routine fat-suppressed FLAIR and diffusion-weighted images in detecting clinically evident acute optic neuritis. <i>Acta Radiologica</i> , 2013, 54, 455-461.	1.1	22
44	Childhood Cerebral X-Linked Adrenoleukodystrophy: Diffusion Tensor Imaging Measurements for Prediction of Clinical Outcome after Hematopoietic Stem Cell Transplantation. <i>American Journal of Neuroradiology</i> , 2013, 34, 641-649.	2.4	22
45	Computed tomography scan does not correlate with patient experience of nasal obstruction. <i>Laryngoscope</i> , 2016, 126, 820-825.	2.0	22
46	Prominent cortical and medullary veins on susceptibility-weighted images of acute ischaemic stroke. <i>British Journal of Radiology</i> , 2016, 89, 20160714.	2.2	21
47	Multivariate Prognostic Model of Acute Stroke Combining Admission Infarct Location and Symptom Severity: A Proof-of-Concept Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018, 27, 936-944.	1.6	21
48	MDCT Venographic Patterns of Dural Venous Sinus Compromise After Acute Skull Fracture. <i>American Journal of Roentgenology</i> , 2016, 207, 852-858.	2.2	20
49	Imaging features of neurotoxoplasmosis: A multiparametric approach, with emphasis on susceptibility-weighted imaging. <i>European Journal of Radiology Open</i> , 2018, 5, 45-51.	1.6	20
50	Effect of Patient Positioning on Cerebrospinal Fluid Opening Pressure. <i>Journal of Neuro-Ophthalmology</i> , 2014, 34, 218-222.	0.8	19
51	Utility of fat-suppressed FLAIR and subtraction imaging in detecting meningeal abnormalities. <i>Neuroradiology</i> , 2006, 48, 881-885.	2.2	16
52	Susceptibility-weighted imaging in stroke-like migraine attacks after radiation therapy syndrome. <i>Neuroradiology</i> , 2015, 57, 1103-1109.	2.2	16
53	Stroke atlas of the brain: Voxel-wise density-based clustering of infarct lesions topographic distribution. <i>NeuroImage: Clinical</i> , 2019, 24, 101981.	2.7	16
54	Review of diffuse cortical injury on diffusion-weighted imaging in acutely encephalopathic patients with an acronym: "œCRUMPLED". <i>European Journal of Radiology Open</i> , 2018, 5, 194-201.	1.6	15

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55	Various Cranial and Orbital Imaging Findings in Pediatric Abusive and Non-abusive Head trauma, and Relation to Outcomes. <i>Clinical Neuroradiology</i> , 2019, 29, 253-261.	1.9	15
56	MR Imaging Findings in the Reticular Formation in Siblings with<i>MPV17</i>-Related Mitochondrial Depletion Syndrome. <i>American Journal of Neuroradiology</i> , 2012, 33, E34-E35.	2.4	13
57	Comparison of CT perfusion summary maps to early diffusion-weighted images in suspected acute middle cerebral artery stroke. <i>European Journal of Radiology</i> , 2015, 84, 682-689.	2.6	13
58	All that bleeds is not black: susceptibility weighted imaging of intracranial hemorrhage and the effect of T1 signal. <i>Clinical Imaging</i> , 2017, 41, 69-72.	1.5	13
59	Susceptibility-diffusion mismatch in middle cerebral artery territory acute ischemic stroke: clinical and imaging implications. <i>Acta Radiologica</i> , 2017, 58, 876-882.	1.1	13
60	“CHOICES”: An acronym to aid in delineating potential causes of non-metabolic, non-infectious acute toxic leukoencephalopathy. <i>European Journal of Radiology Open</i> , 2019, 6, 243-257.	1.6	13
61	Giant Cerebral Aneurysms: Comparing CTA, MRA, and Digital Subtraction Angiography Assessments. <i>Journal of Neuroimaging</i> , 2020, 30, 335-341.	2.0	13
62	Syndrome of Megalencephaly, Polydactyly, and Polymicrogyria Lacking Frank Hydrocephalus, with Associated MR Imaging Findings: Fig 1.. <i>American Journal of Neuroradiology</i> , 2009, 30, 1620-1622.	2.4	12
63	Utility of coronal contrast-enhanced fat-suppressed FLAIR in the evaluation of optic neuropathy and atrophy. <i>European Journal of Radiology Open</i> , 2017, 4, 13-18.	1.6	12
64	Potentially reversible acute cerebellar toxicity associated with Minnelide. <i>Neuroradiology</i> , 2017, 59, 419-421.	2.2	11
65	Intracranial Aneurysms: Is the Diagnostic Accuracy Rate of Multidetector CT Angiography Equivalent to That of Three-dimensional Rotational Conventional Angiography?. <i>Radiology</i> , 2008, 246, 982-984.	7.3	10
66	Correlation between carotid bifurcation calcium burden on non-enhanced CT and percentage stenosis, as confirmed by digital subtraction angiography. <i>British Journal of Radiology</i> , 2012, 85, e284-e292.	2.2	10
67	Comparison of Spin-Echo T1- and T2-Weighted and Gradient-Echo T1-Weighted Images at 3T in Evaluating Very Preterm Neonates at Term-Equivalent Age. <i>American Journal of Neuroradiology</i> , 2013, 34, 1098-1103.	2.4	10
68	Concomitant Acute Toxic Leukoencephalopathy and Posterior Reversible Encephalopathy Syndrome. <i>Journal of Neuroimaging</i> , 2018, 28, 535-541.	2.0	10
69	Septo-optic Dysplasia. <i>Clinical Neuroradiology</i> , 2019, 29, 505-513.	1.9	10
70	Childhood Cerebral Adrenoleukodystrophy: MR Perfusion Measurements and Their Use in Predicting Clinical Outcome after Hematopoietic Stem Cell Transplantation. <i>American Journal of Neuroradiology</i> , 2016, 37, 1713-1720.	2.4	9
71	Anatomy and frequency of large pontomesencephalic veins on 3D CT angiograms of the circle of Willis. <i>American Journal of Neuroradiology</i> , 2003, 24, 1598-601.	2.4	9
72	Isolated hemifacial hypertrophy: a case with upper airway obstruction and sensorineural hearing loss. <i>Journal of Laryngology and Otology</i> , 2006, 120, 691-693.	0.8	8

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73	A Pediatric Case of Low-Grade Lymphomatoid Granulomatosis Presenting with a Cerebellar Mass. <i>American Journal of Neuroradiology</i> , 2007, 28, 1803-1805.	2.4	8
74	Comparison of Spin-Echo and Gradient-Echo T1-Weighted and Spin-Echo T2-Weighted Images at 3T in Evaluating Term-Neonatal Myelination. <i>American Journal of Neuroradiology</i> , 2015, 36, 411-416.	2.4	8
75	Efficacy of Reductive Ventricular Osmotherapy in a Swine Model of Traumatic Brain Injury. <i>Neurosurgery</i> , 2012, 70, 445-455.	1.1	7
76	Delineation of microhemorrhage in acute hepatic encephalopathy using susceptibility-weighted imaging. <i>European Journal of Radiology</i> , 2016, 85, 629-634.	2.6	7
77	Potentially Reversible and Recognizable Acute Encephalopathic Syndromes: Disease Categorization and MRI Appearances. <i>American Journal of Neuroradiology</i> , 2020, 41, 1328-1338.	2.4	7
78	Fetal MRI of a Severe Dandy-Walker Malformation with an Enlarged Posterior Fossa Cyst Causing Severe Hydrocephalus. <i>Fetal Diagnosis and Therapy</i> , 2005, 20, 524-527.	1.4	6
79	Counterpoint: Conventional Fluoroscopy-Guided Selective Cervical Nerve Root Block—A Safe, Effective, and Efficient Modality in the Hands of an Experienced Proceduralist. <i>American Journal of Neuroradiology</i> , 2020, 41, 1112-1119.	2.4	6
80	Transalar encephalocele associated with Wegener granulomatosis and meningeal enhancement: case report. <i>American Journal of Neuroradiology</i> , 2005, 26, 1873-5.	2.4	6
81	Interhemispheric Asymmetry in Distribution of Infarct Lesions among Acute Ischemic Stroke Patients Presenting to Hospital. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2464-2469.	1.6	5
82	The Effects of DWI—Infarct Lesion Volume on DWI—FLAIR Mismatch: Is There a Need for Size Stratification?. <i>Journal of Neuroimaging</i> , 2017, 27, 392-396.	2.0	5
83	Pseudo-Leptomeningeal Contrast Enhancement at 3T in Pediatric Patients Sedated by Propofol. <i>American Journal of Neuroradiology</i> , 2018, 39, 1739-1744.	2.4	5
84	Role of Susceptibility-Weighted Imaging in Detecting Retinal Hemorrhages in Children with Head Trauma. <i>Clinical Neuroradiology</i> , 2021, 31, 611-617.	1.9	5
85	Gadolinium enhancement of spinal subdural collection on magnetic resonance imaging after lumbar puncture. <i>Neuroradiology</i> , 2003, 45, 553-556.	2.2	4
86	Cerebellar superficial siderosis of chronic subarachnoid hemorrhage in a patient with Tacrolimus-associated posterior reversible encephalopathy. <i>Journal of Postgraduate Medicine</i> , 2014, 60, 394-396.	0.4	4
87	Optic Neuropathy Secondary to Spontaneous Intracranial Hypotension (SIH) as Related to Experimental Primate Model. , 2014, 55, 6175.		3
88	Preliminary experience with intravenous gadoxetate disodium as a craniospinal MR contrast agent. <i>European Journal of Radiology</i> , 2015, 84, 2539-2547.	2.6	3
89	Urea Cycle Disorders: A Neuroimaging Pattern Approach Using Diffusion and FLAIR MRI. <i>Journal of Neuroimaging</i> , 2021, 31, 144-150.	2.0	3
90	A Modified Method for Creating Elastase-Induced Aneurysms by Ligation of Common Carotid Arteries in Rabbits and Its Effect on Surrounding Arteries. <i>Journal of Vascular and Interventional Neurology</i> , 2017, 9, 26-35.	1.1	3

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91	Fat-suppressed t2* sequences for routine 3.0-tesla lumbar spine magnetic resonance imaging: a preliminary report. <i>Acta Radiologica</i> , 2008, 49, 790-794.	1.1	2
92	Use of Clinical Decision Support to Increase Premedication Regimen Homogeneity. <i>Journal of the American College of Radiology</i> , 2017, 14, 509-516.	1.8	2
93	Intracranial Anterior Circulation Variants. , 2017, , 1065-1103.		2
94	Pediatric Acute Toxic Leukoencephalopathy: Prediction of the Clinical Outcome by FLAIR and DWI for Various Etiologies. <i>American Journal of Neuroradiology</i> , 2020, 41, 1517-1524.	2.4	2
95	Posterior reversible encephalopathy syndrome with a special focus on seizures. <i>Journal of Clinical Neuroscience</i> , 2022, 95, 38-43.	1.5	2
96	Atlas of Head/Neck and Spine Normal Imaging Variants. , 2018, , .		1
97	The Spectrum of MR Imaging Patterns Suggestive of Pediatric Posterior Reversible Encephalopathy Syndrome in Children With Cerebral Xâ€Linked Adrenoleukodystrophy. <i>Journal of Neuroimaging</i> , 2020, 30, 930-935.	2.0	1
98	Infundibular Outpouchings of Intracranial Arteries. , 2017, , 1105-1121.		1
99	Recent advances and future directions in ophthalmologic neuroimaging. <i>Expert Review of Ophthalmology</i> , 2009, 4, 227-242.	0.6	0
100	Spectrum Bias: Patient Selection May Affect Performance of Calcium Volume in Detecting Carotid Stenosis. <i>American Journal of Neuroradiology</i> , 2012, 33, E13-E14.	2.4	0
101	Letter From the Guest Editor: Toxic and Metabolic Encephalopathic Syndromes: Definition and Imaging of â€Encephalopathyâ€. <i>Seminars in Ultrasound, CT and MRI</i> , 2014, 35, 73-74.	1.5	0
102	Reply to â€Central-Variant Posterior Reversible Encephalopathy Syndrome: More Than Meets the Eyeâ€. <i>American Journal of Roentgenology</i> , 2014, 203, W455-W455.	2.2	0
103	Spontaneous intracerebral hemorrhage: A pediatric case of undetermined etiology and review of literature. <i>Journal of Pediatric Neuroradiology</i> , 2015, 02, 313-318.	0.1	0
104	Variations in the Intracranial Venous System. , 2017, , 1133-1227.		0
105	Sinonasal Variants. , 2018, , 3-51.		0
106	Coexistence of radiation-induced glioma and acute pontine infarct 40Âyears after radiotherapy for glioma: A case report. <i>Clinical Imaging</i> , 2020, 67, 194-197.	1.5	0
107	Brain MRI Pseudolesions: 3.0 T Imaging, FLAIR, and Diffusion-Weighted Imaging. , 2017, , 523-596.		0