Bejoy Thomas

List of Publications by Year in descending order

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102	2,204	304743	254184
papers	citations	22	43
		h-index	g-index

104	104	104	3348
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Principles, Techniques, and Applications of T2*-based MR Imaging and Its Special Applications. Radiographics, 2009, 29, 1433-1449.	3.3	544
2	Clinical applications of susceptibility weighted MR imaging of the brain â€“ a pictorial review. Neuroradiology, 2008, 50, 105-116.	2.2	212
3	Susceptibility weighted imaging: a new tool in magnetic resonance imaging of stroke. Clinical Radiology, 2009, 64, 74-83.	1.1	135
4	Applications of 3D CISS sequence for problem solving in neuroimaging. Indian Journal of Radiology and Imaging, 2011, 21, 90-97.	0.8	89
5	Concepts and controversies in nonketotic hyperglycemiaâ€induced hemichorea: Further evidence from susceptibilityâ€weighted MR imaging. Journal of Magnetic Resonance Imaging, 2009, 29, 699-703.	3.4	71
6	Susceptibility weighted imaging in cerebral hypoperfusionâ€”can we predict increased oxygen extraction fraction?. Neuroradiology, 2010, 52, 1047-1054.	2.2	58
7	Advanced MR imaging in Lhermitte-Duclos disease: moving closer to pathology and pathophysiology. Neuroradiology, 2007, 49, 733-738.	2.2	54
8	Susceptibility weighted imaging in the diagnostic evaluation of patients with intractable epilepsy. Epilepsia, 2009, 50, 1462-1473.	5.1	41
9	Surgery for â€œLong-term epilepsy associated tumors (LEATs)â€: Seizure outcome and its predictors. Clinical Neurology and Neurosurgery, 2016, 141, 98-105.	1.4	36
10	Quantitative Susceptibility Mapping: Technical Considerations and Clinical Applications in Neuroimaging. Journal of Magnetic Resonance Imaging, 2021, 53, 23-37.	3.4	36
11	Signal changes in cortical laminar necrosisâ€”evidence from susceptibility-weighted magnetic resonance imaging. Neuroradiology, 2009, 51, 293-298.	2.2	34
12	Cerebral venous thrombosis in post-lumbar puncture intracranial hypotension: case report and review of literature. F1000Research, 2014, 3, 41.	1.6	31
13	Susceptibility-Weighted Imaging in Cranial Dural Arteriovenous Fistulas: Fig 1.. American Journal of Neuroradiology, 2009, 30, e6-e6.	2.4	30
14	Conventional and advanced magnetic resonance imaging in tumefactive demyelination. Acta Radiologica, 2011, 52, 1159-1168.	1.1	30
15	Diffusion tensor imaging tractography of Meyer's loop in planning resective surgery for drug-resistant temporal lobe epilepsy. Epilepsy Research, 2015, 110, 95-104.	1.6	30
16	Collateral Assessment by CT Angiography as a Predictor of Outcome in Symptomatic Cervical Internal Carotid Artery Occlusion. American Journal of Neuroradiology, 2017, 38, 52-57.	2.4	30
17	Resting-State Seed-Based Analysis: An Alternative to Task-Based Language fMRI and Its Laterality Index. American Journal of Neuroradiology, 2017, 38, 1187-1192.	2.4	27
18	Analyzing functional, structural, and anatomical correlation of hemispheric language lateralization in healthy subjects using functional MRI, diffusion tensor imaging, and voxel-based morphometry. Neurology India, 2015, 63, 49.	0.4	26

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19	A Potential Biomarker in Amyotrophic Lateral Sclerosis: Can Assessment of Brain Iron Deposition with SWI and Corticospinal Tract Degeneration with DTI Help?. American Journal of Neuroradiology, 2016, 37, 252-258.	2.4	26
20	Diffusion tensor and tensor metrics imaging in intracranial epidermoid cysts. Journal of Magnetic Resonance Imaging, 2009, 29, 967-970.	3.4	24
21	Clinical utility of susceptibility-weighted imaging in vascular diseases of the brain. Neurology India, 2010, 58, 602.	0.4	24
22	Clinico-radiological spectrum and outcome in idiopathic hypertrophic pachymeningitis. Journal of the Neurological Sciences, 2015, 350, 51-60.	0.6	24
23	Assessment of Iron Deposition in the Brain in Frontotemporal Dementia and Its Correlation with Behavioral Traits. American Journal of Neuroradiology, 2017, 38, 1953-1958.	2.4	23
24	MRI of Childhood Epilepsy Due to Inborn Errors of Metabolism. American Journal of Roentgenology, 2010, 194, W367-W374.	2.2	22
25	Combining Diffusion Tensor Metrics and DSC Perfusion Imaging: Can It Improve the Diagnostic Accuracy in Differentiating Tumefactive Demyelination from High-Grade Glioma?. American Journal of Neuroradiology, 2017, 38, 685-690.	2.4	21
26	Utility of 3D SPACE T2-weighted volumetric sequence in the localization of spinal dural arteriovenous fistula. Journal of Neurosurgery: Spine, 2016, 25, 125-132.	1.7	20
27	â€œFLAMES: A novel burning entity in MOG IgG associated diseaseâ€• Multiple Sclerosis and Related Disorders, 2021, 49, 102759.	2.0	19
28	Unique MR spectroscopic finding in colloid-like cyst. Neuroradiology, 2008, 50, 137-144.	2.2	18
29	Diffusion Tensor Imaging: Technique, Clinical and Research Applications. The Neuroradiology Journal, 2005, 18, 419-435.	0.1	17
30	Susceptibility weighted imaging in the evaluation of movement disorders. Clinical Radiology, 2013, 68, e338-e348.	1.1	17
31	Predictors of outcome after surgery in 134 children with drug-resistant TLE. Epilepsy Research, 2018, 139, 150-156.	1.6	17
32	Regional Cerebral Blood Flow in the Posterior Cingulate and Precuneus and the Entorhinal Cortical Atrophy Score Differentiate Mild Cognitive Impairment and Dementia Due to Alzheimer Disease. American Journal of Neuroradiology, 2019, 40, 1658-1664.	2.4	17
33	Isolated left vein of Labbe thrombosis. Neurology, 2005, 65, 1135-1135.	1.1	16
34	Multiband fMRI as a plausible, time-saving technique for resting-state data acquisition: Study on functional connectivity mapping using graph theoretical measures. Magnetic Resonance Imaging, 2018, 53, 1-6.	1.8	16
35	Glutamatergic response to a low load working memory paradigm in the left dorsolateral prefrontal cortex in patients with mild cognitive impairment: a functional magnetic resonance spectroscopy study. Brain Imaging and Behavior, 2020, 14, 451-459.	2.1	15
36	Imaging and Clinical Predictors of Unfavorable Outcome in Medically Treated Symptomatic Intracranial Atherosclerotic Disease. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, 973-978.	1.6	14

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37	Does F-18 FDG-PET substantially alter the surgical decision-making in drug-resistant partial epilepsy?. Epilepsy and Behavior, 2015, 51, 133-139.	1.7	14
38	Coexistent MOG, NMDAR, CASPR2 antibody positivity: Triumph over the triumvirate. Multiple Sclerosis and Related Disorders, 2020, 46, 102468.	2.0	14
39	Early resective surgery causes favorable seizure outcome in malformations of cortical development. Epilepsy Research, 2016, 124, 1-11.	1.6	13
40	â€œTime is Brainâ€•How early should surgery be done in drug-resistant TLE?. Acta Neurologica Scandinavica, 2018, 138, 531-540.	2.1	13
41	Advanced MRI in Rosaiâ€“Dorfman disease: Correlation with histopathology. Journal of Neuroradiology, 2011, 38, 113-117.	1.1	12
42	A pictorial review of brain arterial spin labelling artefacts and their potential remedies in clinical studies. Neuroradiology Journal, 2021, 34, 154-168.	1.2	12
43	The Imaging of Localization Related Symptomatic Epilepsies: The Value of Arterial Spin Labelling Based Magnetic Resonance Perfusion. Korean Journal of Radiology, 2018, 19, 965.	3.4	11
44	CNS small vessel vasculitis: Distinct MRI features and histopathological correlation. Neurology India, 2017, 65, 1291.	0.4	10
45	High-resolution magnetic resonance vessel wall imaging in cerebrovascular diseases. Neurology India, 2018, 66, 1124.	0.4	10
46	Migrating intraventricular cysticercus during MRI. Neurology, 2005, 65, 1321-1321.	1.1	9
47	Attenuation of Cerebral Veins in Susceptibility-Weighted MR Imaging Performed with the Patient under General Anesthesia: Fig 1.. American Journal of Neuroradiology, 2008, 29, e71-e71.	2.4	9
48	Ischemic hyperintensities on T1-weighted magnetic resonance imaging of patients with stroke: New insights from susceptibility weighted imaging. Neurology India, 2010, 58, 90.	0.4	9
49	The application of susceptibility-weighted MRI in pre-interventional evaluation of intracranial dural arteriovenous fistulas. Journal of NeuroInterventional Surgery, 2017, 9, 502-507.	3.3	9
50	Susceptibility weighted imaging â€“ a problem-solving tool in differentiation of cerebellopontine angle schwannomas and meningiomas. Neuroradiology Journal, 2017, 30, 253-258.	1.2	9
51	Association between glutamate/glutamine and blood oxygen level dependent signal in the left dorsolateral prefrontal region during verbal working memory. NeuroReport, 2018, 29, 478-482.	1.2	9
52	Arterial spin labeling hyperperfusion in Rasmussen's encephalitis: Is it due to focal brain inflammation or a postictal phenomenon?. Journal of Neuroradiology, 2018, 45, 6-14.	1.1	9
53	Resting fMRI as an alternative for task-based fMRI for language lateralization in temporal lobe epilepsy patients: a study using independent component analysis. Neuroradiology, 2019, 61, 803-810.	2.2	9
54	â€˜Eiffel-by-Nightâ€™: A New MR Sign Demonstrating Reactivation in Idiopathic Hypertrophic Pachymeningitis. Neuroradiology Journal, 2007, 20, 194-195.	1.2	8

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55	â€²Susceptibility signâ€² on susceptibility-weighted imaging in acute ischemic stroke. Neurology India, 2012, 60, 160.	0.4	8
56	Multimodality neuroimaging in mild cognitive impairment: A cross-sectional comparison study. Annals of Indian Academy of Neurology, 2018, 21, 133.	0.5	8
57	Electroneurography and advanced neuroimaging profile in pediatric-onset metachromatic leukodystrophy. Journal of Pediatric Neurosciences, 2019, 14, 70.	0.3	8
58	Impact of non-contrast enhanced volumetric MRI-based feeder localization in the treatment of spinal dural arteriovenous fistula. Journal of NeuroInterventional Surgery, 2017, 9, 178-182.	3.3	7
59	Glioblastoma in adults with neurofibromatosis type I: A report of two cases. Neuropathology, 2019, 39, 368-373.	1.2	7
60	Metabolite signature of developmental foregut cyst on in vivo and in vitro ¹H MR spectroscopy. Journal of Magnetic Resonance Imaging, 2008, 28, 493-496.	3.4	6
61	Volumetric T2-weighted MRI improves the diagnostic accuracy of spinal vascular malformations: comparative analysis with a conventional MR study. Journal of NeuroInterventional Surgery, 2019, 11, 1019-1023.	3.3	6
62	Atherosclerotic carotid plaques: Multimodality imaging with contrast-enhanced ultrasound, computed tomography, and magnetic resonance imaging. Annals of Indian Academy of Neurology, 2017, 20, 378.	0.5	6
63	Do auras predict seizure outcome after temporal lobe epilepsy surgery?. Epilepsy Research, 2018, 147, 109-114.	1.6	5
64	Quantitative susceptibility-weighted imaging in predicting disease activity in multiple sclerosis. Neuroradiology, 2021, 63, 1061-1069.	2.2	5
65	Varying clinical and imaging outcomes in patients with spontaneous thrombosis of vein of Galen malformationâ€"a report of two cases. Child's Nervous System, 2015, 31, 809-813.	1.1	4
66	Solitary Infantile Myofibroma of Left Ethmoid Sinus With Intracranial Extension. Pediatric Neurology, 2016, 57, 107-108.	2.1	4
67	Reversible HolmesÃ¢â‚¬â„¢ tremor due to spontaneous intracranial hypotension. BMJ Case Reports, 2017, 2017, bcr-2017-220348.	0.5	4
68	Comparative Analysis of Volumetric High-Resolution Heavily T2-Weighted MRI and Time-Resolved Contrast-Enhanced MRA in the Evaluation of Spinal Vascular Malformations. American Journal of Neuroradiology, 2019, 40, 1601-1606.	2.4	4
69	Arterial spin labeling hyperperfusion in seizures associated with non-ketotic hyperglycaemia: is it merely a post-ictal phenomenon?. Neurological Sciences, 2021, 42, 739-744.	1.9	4
70	Extensive brain and muscular cysticercosis. Neurology, 2006, 66, E13-E13.	1.1	3
71	â€˜Torch Fire Signâ€™: A New MR Sign in Profound Hypoxic Ischemic Brain Injury in a Term Infant. Neuroradiology Journal, 2007, 20, 41-42.	1.2	3
72	3D-CISS MRI in a purely intracanalicular cochlear schwannoma. Journal of Neuroradiology, 2008, 35, 305-307.	1.1	3

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73	Diffusion tensor imaging: A colorful collage or a clinical tool?. Neurology India, 2010, 58, 877.	0.4	3
74	Clinical-radiological-pathological correlation in an unusual case of refractory epilepsy: a two-year journey of whodunit!. Epileptic Disorders, 2018, 20, 51-59.	1.3	3
75	Multifocal cavitating leukodystrophyâ€“A distinct image in mitochondrial LYRM7 mutations. Multiple Sclerosis and Related Disorders, 2021, 47, 102615.	2.0	3
76	Alterations in Restingâ€State Functional <scp>MRI</scp> Connectivity Related to Cognitive Changes in Intracranial Dural Arteriovenous Fistulas Before and After Embolization Treatment. Journal of Magnetic Resonance Imaging, 2022, 55, 1183-1199.	3.4	3
77	Cerebral Amyloid Angiopathy: A Clinico-Radiological Study from South India. Neurology India, 2020, 68, 378.	0.4	3
78	Focal splenial hyperintensity in epilepsy. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 202-202.	1.9	2
79	Susceptibility-Weighted Imaging in Carotido-Cavernous Fistulas. Interventional Neuroradiology, 2013, 19, 438-444.	1.1	2
80	Teaching Neuro Images : Optic nerve glioma with perineural arachnoid gliomatosis in a patient with neurofibromatosis-1. Neurology, 2015, 84, e97.	1.1	2
81	Quantification of diffusion and anisotropy in intracranial epidermoids using diffusion tensor metrics and p: q tensor decomposition. Journal of Neuroradiology, 2016, 43, 363-370.	1.1	2
82	Culpable brain lesion causing complex partial status in Wilsonâ€™s disease: Deduction by arterial spin labeled perfusion MRI. Seizure: the Journal of the British Epilepsy Association, 2017, 46, 50-52.	2.0	2
83	Meningioma with rosettes: A rare morphologic pattern. Neuropathology, 2020, 40, 202-205.	1.2	2
84	Impaired intrinsic functional connectivity among medial temporal lobe and sub-regions related to memory deficits in intracranial dural arteriovenous fistula. Neuroradiology, 2021, 63, 1679-1687.	2.2	2
85	Neuromitochondrial Disorders. Clinical Neuroradiology, 2021, 31, 559-574.	1.9	2
86	CErebral dysgenesis, neuropathy, ichthyosis, and keratoderma (CEDNIK) syndrome with brain stem malformation. Annals of Indian Academy of Neurology, 2021, 24, 979.	0.5	2
87	Assessment of Collaterals Using Multiphasic CT Angiography in Acute Stroke: Its Correlation with Clinical Outcomes. Neurology India, 2021, 69, 1586.	0.4	2
88	Deep-ASL enhancement technique in arterial spin labeling MRI â€“ A novel approach for the error reduction of partial volume correction technique with linear regression algorithm. Journal of Computational Science, 2022, 58, 101546.	2.9	2
89	â€˜Every contact leaves a traceâ€™â€”Imaging features in a rare case of isolated complete oculomotor nerve palsy following penetrating injury. European Journal of Radiology Extra, 2006, 60, 1-4.	0.1	1
90	An unusual case of pulsatile tinnitus and deafness. Neurology, 2007, 68, 303-303.	1.1	1

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91	Bipartite craniopharyngeal canal with a lipoma and cephalocele: a previously unreported entity. Acta Neurochirurgica, 2019, 161, 355-359.	1.7	1
92	Clinico-radiological correlation and surgical outcome of idiopathic spinal cord herniation: A single centre retrospective case series. Journal of Spinal Cord Medicine, 2021, 44, 437-441.	1.4	1
93	Methylenetetrahydrofolate Reductase Deficiency as aÂCause of Treatable Adult-onset Leukoencephalopathy and Myelopathy. Clinical Neuroradiology, 2021, 31, 277-281.	1.9	1
94	Bilateral perisylvian polymicrogyria: An interesting presentation of malformation of cortical development in an adult. Neurology India, 2016, 64, 1086.	0.4	1
95	Direct visualization of thrombus load in MCA in acute stroke on susceptibility weighted imaging. Neurology India, 2011, 59, 943.	0.4	0
96	Olfactory nerve hypertrophy: a clue to the presence of ipsilateral megalencephaly. BMJ Case Reports, 2017, 2017, bcr-2017-222488.	0.5	0
97	Treatable Hereditary Manganese Transport Disorder: Novel SLC30A10 Mutation and its Characteristic Neuroimaging Appearance in Two Siblings. Journal of Pediatric Genetics, 2020, 10, 305-310.	0.7	0
98	Mosaic Pattern of H3 K27M-Mutant Protein Expression in a Diffuse Midline Gliomaâ€”A Diagnostic Dilemma for the Pathologist. Journal of Neurosciences in Rural Practice, 2021, 12, 596-598.	0.8	0
99	Teaching NeuroImages: Ohtahara Syndrome due to Unilateral Perisylvian Polymicrogyria. Neurology, 2021, 96, e2456-e2457.	1.1	0
100	â€œPool signâ€•in cerebral metastatic adenocarcinoma. Annals of Indian Academy of Neurology, 2020, 23, 551.	0.5	0
101	Susceptibility-weighted Imaging Torch Fire Sign in a Patient with Dystonia due to Hypoxic-ischemic Injury. Annals of Indian Academy of Neurology, 2017, 20, 319.	0.5	0
102	Neuroimaging in CEDNIK Syndrome: A Rare Neuro-Ichthyosis. Neurology India, 2022, 70, 818.	0.4	0