

# Timothy J Amrhein

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

2,522  
citations

331670

21  
h-index

206112

48  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiation of Chiari malformation type 1 and spontaneous intracranial hypotension using objective measurements of midbrain sagging. <i>Journal of Neurosurgery</i> , 2022, 136, 1796-1803.	1.6	9
2	Popping the balloon: Abrupt onset of a spinal CSF leak and spontaneous intracranial hypotension in idiopathic intracranial hypertension, a case report. <i>Headache</i> , 2022, 62, 208-211.	3.9	5
3	The promise and challenges of CSF-venous fistula treatment. <i>Journal of NeuroInterventional Surgery</i> , 2022, 14, 951-952.	3.3	8
4	Dual energy CT for the identification of CSF-Venous Fistulas and CSF leaks in spontaneous intracranial hypotension: Report of four cases. <i>Radiology Case Reports</i> , 2022, 17, 1824-1829.	0.6	6
5	Photon-Counting Computed Tomography Scan of a Cerebrospinal Fluid Venous Fistula. <i>JAMA Neurology</i> , 2022, 79, 628.	9.0	9
6	Efficacy of epidural blood patching or surgery in spontaneous intracranial hypotension: an evidence map protocol. <i>Systematic Reviews</i> , 2022, 11, .	5.3	5
7	Postsurgical Recurrence of CSF-Venous Fistulas in Spontaneous Intracranial Hypotension. <i>Neurology: Clinical Practice</i> , 2021, 11, e356-e358.	1.6	11
8	CSF-Venous Fistulas: Anatomy and Diagnostic Imaging. <i>American Journal of Roentgenology</i> , 2021, 217, 1418-1429.	2.2	41
9	Arachnoiditis following epidural blood patch—An avoidable rare complication due to blind technique. <i>Headache</i> , 2021, 61, 972-973.	3.9	3
10	Clinical Outcomes Following Surgical Ligation of Cerebrospinal Fluid-Venous Fistula in Patients With Spontaneous Intracranial Hypotension: A Prospective Case Series. <i>Operative Neurosurgery</i> , 2020, 18, 239-245.	0.8	46
11	Respiratory Phase Affects the Conspicuity of CSF-Venous Fistulas in Spontaneous Intracranial Hypotension. <i>American Journal of Neuroradiology</i> , 2020, 41, 1754-1756.	2.4	16
12	Risk for Nephrogenic Systemic Fibrosis After Exposure to Newer Gadolinium Agents. <i>Annals of Internal Medicine</i> , 2020, 173, 110-119.	3.9	26
13	Optimizing Diffusion-Tensor Imaging Acquisition for Spinal Cord Assessment: Physical Basis and Technical Adjustments. <i>Radiographics</i> , 2020, 40, 403-427.	3.3	25
14	Development and Performance of the Pulmonary Embolism Result Forecast Model (PERFORM) for Computed Tomography Clinical Decision Support. <i>JAMA Network Open</i> , 2019, 2, e198719.	5.9	50
15	Spontaneous Intracranial Hypotension: 10 Myths and Misperceptions — An Editorial Comment. <i>Headache</i> , 2019, 59, 977-978.	3.9	2
16	Cross-sectional CT Assessment of the Extent of Injectate Spread at CT Fluoroscopy-guided Cervical Epidural Interlaminar Steroid Injections. <i>Radiology</i> , 2019, 292, 723-729.	7.3	5
17	CSF volume provocation maneuvers during lumbar puncture as a possible predictive tool for diagnosing spontaneous intracranial hypotension. <i>Clinical Neurology and Neurosurgery</i> , 2019, 186, 105552.	1.4	6
18	The Source and the Course of the Articular Branches to the T4-T8 Zygapophysial Joints. <i>Pain Medicine</i> , 2019, 20, 2371-2376.	1.9	9

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19	Decubitus CT Myelography for Detecting Subtle CSF Leaks in Spontaneous Intracranial Hypotension. American Journal of Neuroradiology, 2019, 40, 754-756.	2.4	25
20	Spontaneous Intracranial Hypotension. Neuroimaging Clinics of North America, 2019, 29, 581-594.	1.0	80
21	Human-machine partnership with artificial intelligence for chest radiograph diagnosis. Npj Digital Medicine, 2019, 2, 111.	10.9	94
22	Comparative effectiveness of convolutional neural network (CNN) and recurrent neural network (RNN) architectures for radiology text report classification. Artificial Intelligence in Medicine, 2019, 97, 79-88.	6.5	158
23	Imaging Approach to Myelopathy. Radiologic Clinics of North America, 2019, 57, 257-279.	1.8	23
24	Spontaneous Intracranial Hypotension. Radiologic Clinics of North America, 2019, 57, 439-451.	1.8	50
25	Deep learning for chest radiograph diagnosis: A retrospective comparison of the CheXNeXt algorithm to practicing radiologists. PLoS Medicine, 2018, 15, e1002686.	8.4	773
26	Combination of exome sequencing and immune testing confirms Aicardi-Goutières syndrome type 5 in a challenging pediatric neurology case. Journal of Physical Education and Sports Management, 2018, 4, a002758.	1.2	6
27	Spontaneous Intracranial Hypotension: 10 Myths and Misperceptions. Headache, 2018, 58, 948-959.	3.9	87
28	CT Fluoroscopy-Guided Interlaminar Epidural Steroid Injections in the Cervical Spine: Rate of Nontarget Injection Into the Retrodural Space of Okada. American Journal of Roentgenology, 2018, 211, 426-431.	2.2	6
29	Approach to Imaging in Patients with Spontaneous Intracranial Hemorrhage. Neuroimaging Clinics of North America, 2018, 28, 353-374.	1.0	19
30	Deep Learning to Classify Radiology Free-Text Reports. Radiology, 2018, 286, 845-852.	7.3	154
31	Performance of a Machine Learning Classifier of Knee MRI Reports in Two Large Academic Radiology Practices: A Tool to Estimate Diagnostic Yield. American Journal of Roentgenology, 2017, 208, 750-753.	2.2	38
32	CSF Venous Fistulas in Spontaneous Intracranial Hypotension: Imaging Characteristics on Dynamic and CT Myelography. American Journal of Roentgenology, 2017, 209, 1360-1366.	2.2	96
33	Update on the Diagnosis and Treatment of Spontaneous Intracranial Hypotension. Current Pain and Headache Reports, 2017, 21, 37.	2.9	86
34	Inadvertent Intrafacet Injection during Lumbar Interlaminar Epidural Steroid Injection: A Comparison of CT Fluoroscopic and Conventional Fluoroscopic Guidance. American Journal of Neuroradiology, 2017, 38, 398-402.	2.4	9
35	Reformatted images improve the detection rate of acute traumatic subdural hematomas on brain CT compared with axial images alone. Emergency Radiology, 2017, 24, 39-45.	1.8	10
36	Non-dysbaric arterial gas embolism associated with chronic necrotizing pneumonia, bullae and coughing: a case report. Undersea and Hyperbaric Medicine, 2017, 44, 73-77.	0.3	2

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37	CT Fluoroscopyâ€“Guided Blood Patching of Ventral CSF Leaks by Direct Needle Placement in the Ventral Epidural Space Using a Transforaminal Approach. American Journal of Neuroradiology, 2016, 37, 1951-1956.	2.4	20
38	Time-Dependent Changes in Dural Enhancement Associated With Spontaneous Intracranial Hypotension. American Journal of Roentgenology, 2016, 207, 1283-1287.	2.2	37
39	Childhood-onset Systemic Lupus Erythematosus Complicated by Posterior Reversible Encephalopathy Syndrome in The Context of Kidney Dialysis and Plasma Exchange in Pediatric Lupus. Journal of Pediatric Neurology, 2016, 14, 105-109.	0.2	1
40	Technique for CT Fluoroscopyâ€“Guided Lumbar Medial Branch Blocks and Radiofrequency Ablation. American Journal of Roentgenology, 2016, 207, 631-634.	2.2	7
41	The "Hyperdense Paraspinal Vein" Sign: A Marker of CSF-Venous Fistula. American Journal of Neuroradiology, 2016, 37, 1379-1381.	2.4	64
42	Imaging Signs in Spontaneous Intracranial Hypotension: Prevalence and Relationship to CSF Pressure. American Journal of Neuroradiology, 2016, 37, 1374-1378.	2.4	87
43	Reducing Patient Radiation Exposure From CT Fluoroscopyâ€“Guided Lumbar Spine Pain Injections by Targeting the Planning CT. American Journal of Roentgenology, 2016, 206, 390-394.	2.2	19
44	How common is normal cerebrospinal fluid pressure in spontaneous intracranial hypotension?. Cephalgia, 2016, 36, 1209-1217.	3.9	97
45	Myelographic Techniques for the Detection of Spinal CSF Leaks in Spontaneous Intracranial Hypotension. American Journal of Roentgenology, 2016, 206, 8-19.	2.2	115
46	Spontaneous brain parenchymal hemorrhage: an approach to imaging for the emergency room radiologist. Emergency Radiology, 2015, 22, 53-63.	1.8	6
47	Instituting a radiology residency scholarly activity program. Education for Health: Change in Learning and Practice, 2015, 28, 68.	0.3	11
48	Physician Self-Referral and Imaging Use Appropriateness: Negative Cervical Spine MRI Frequency as an Assessment Metric. American Journal of Neuroradiology, 2014, 35, 2248-2253.	2.4	9
49	Physician Self-Referral: Frequency of Negative Findings at MR Imaging of the Knee as a Marker of Appropriate Utilization. Radiology, 2013, 269, 810-815.	7.3	12
50	JOURNAL CLUB: Shoulder MRI Utilization: Relationship of Physician MRI Equipment Ownership to Negative Study Frequency. American Journal of Roentgenology, 2013, 201, 605-610.	2.2	6
51	Mn Porphyrins as Novel Molecular Magnetic Resonance Imaging Contrast Agents. Journal of Endourology, 2012, 26, 1420-1424.	2.1	16
52	T2 Contrast. , 2012, , 19-41.		1
53	Phase Contrast. , 2012, , 201-212.		0
54	Chemical Shift Type 2 Artifact. , 2012, , 99-110.		0

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55	Flow-Related Contrast. , 2012, , 151-171.		0
56	Time-of-Flight Imaging. , 2012, , 173-185.		0
57	Bronchial Artery Arising from the Left Vertebral Artery: Case Report and Review of the Literature. Journal of Clinical Imaging Science, 2011, 1, 62.	1.1	10
58	Mn-Porphyrins as Novel Molecular MRI Contrast Agents. Journal of Endourology, 2011, , 111222131612007.	2.1	3
59	Perioperative Management of Intracranial Aneurysms and Otologic Disease. Laryngoscope, 2007, 117, 35-39.	2.0	1