

Vance T Lehman

List of Publications by Year in descending order

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72
papers

1,016
citations

430874

18
h-index

501196

28
g-index

72
all docs

72
docs citations

72
times ranked

1415
citing authors

#	ARTICLE	IF	CITATIONS
1	Vessel Wall Imaging of Intracranial Aneurysms: Systematic Review and Meta-analysis. <i>World Neurosurgery</i> , 2018, 117, 453-458.e1.	1.3	69
2	Uncommon Manifestations of Intervertebral Disk Pathologic Conditions. <i>Radiographics</i> , 2016, 36, 801-823.	3.3	59
3	Lateral Decubitus Digital Subtraction Myelography: Tips, Tricks, and Pitfalls. <i>American Journal of Neuroradiology</i> , 2020, 41, 21-28.	2.4	58
4	CNS imaging findings associated with Parry-Romberg syndrome and en coup de sabre: correlation to dermatologic and neurologic abnormalities. <i>Neuroradiology</i> , 2015, 57, 21-34.	2.2	57
5	Intracranial and Extracranial Neurovascular Manifestations of Takayasu Arteritis. <i>American Journal of Neuroradiology</i> , 2017, 38, 766-772.	2.4	56
6	Visual Assessment Versus Quantitative Three-Dimensional Stereotactic Surface Projection Fluorodeoxyglucose Positron Emission Tomography for Detection of Mild Cognitive Impairment and Alzheimer Disease. <i>Clinical Nuclear Medicine</i> , 2012, 37, 721-726.	1.3	39
7	Diagnostic Yield of Lateral Decubitus Digital Subtraction Myelogram Stratified by Brain MRI Findings. <i>Neurology</i> , 2021, 96, e1312-e1318.	1.1	39
8	Estimation of Observer Performance for Reduced Radiation Dose Levels in CT. <i>Academic Radiology</i> , 2017, 24, 876-890.	2.5	38
9	Surgical Outcomes of Laser Interstitial Thermal Therapy for Temporal Lobe Epilepsy: Systematic Review and Meta-analysis. <i>World Neurosurgery</i> , 2020, 143, 527-536.e3.	1.3	36
10	The effects of statin therapy on carotid plaque composition and volume: A systematic review and meta-analysis. <i>Journal of Neuroradiology</i> , 2017, 44, 234-240.	1.1	35
11	Prevalence of hyperdense paraspinal vein sign in patients with spontaneous intracranial hypotension without dural CSF leak on standard CT myelography. <i>Diagnostic and Interventional Radiology</i> , 2018, 24, 54-59.	1.5	34
12	Carotid Artery Tortuosity Is Associated with Connective Tissue Diseases. <i>American Journal of Neuroradiology</i> , 2019, 40, 1738-1743.	2.4	34
13	^{99m} Tc-MDP SPECT/CT of the spine and sacrum at a multispecialty institution. <i>Nuclear Medicine Communications</i> , 2013, 34, 1097-1106.	1.1	27
14	Nonaneurysmal Perimesencephalic Hemorrhage Is Associated with Deep Cerebral Venous Drainage Anomalies: A Systematic Literature Review and Meta-Analysis. <i>American Journal of Neuroradiology</i> , 2016, 37, 1657-1663.	2.4	26
15	Advanced MRI techniques for transcranial high intensity focused ultrasound targeting. <i>Brain</i> , 2020, 143, 2664-2672.	7.6	26
16	Association between carotid artery tortuosity and carotid dissection: a case-control study. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 413-417.	0.6	23
17	The association between carotid intraplaque hemorrhage and outcomes of carotid stenting: a systematic review and meta-analysis. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 837-842.	3.3	20
18	Clinical Assessment of Metal Artifact Reduction Methods in Dual-Energy CT Examinations of Instrumented Spines. <i>American Journal of Roentgenology</i> , 2019, 212, 395-401.	2.2	20

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19	Diagnostic imaging in paraneoplastic autoimmune multiorgan syndrome: retrospective single site study and literature review of 225 patients. <i>International Journal of Dermatology</i> , 2015, 54, 424-437.	1.0	18
20	Brain Herniation into Arachnoid Granulations: Clinical and Neuroimaging Features. <i>Journal of Neuroimaging</i> , 2016, 26, 592-598.	2.0	18
21	Intracranial vessel wall imaging for evaluation of steno-occlusive diseases and intracranial aneurysms. <i>Journal of Neuroradiology</i> , 2017, 44, 123-134.	1.1	17
22	Lack of Baseline Intracranial Aneurysm Wall Enhancement Predicts Future Stability: A Systematic Review and Meta-Analysis of Longitudinal Studies. <i>American Journal of Neuroradiology</i> , 2020, 41, 1606-1610.	2.4	14
23	Predicting High-Flow Spinal CSF Leaks in Spontaneous Intracranial Hypotension Using a Spinal MRI-Based Algorithm: Have Repeat CT Myelograms Been Reduced?. <i>American Journal of Neuroradiology</i> , 2016, 37, 185-188.	2.4	13
24	Comparison of non-contrast vessel wall imaging and 3-D time-of-flight MRA for atherosclerotic stenosis and plaque characterization within intracranial arteries. <i>Journal of Neuroradiology</i> , 2020, 47, 266-271.	1.1	13
25	Low-Pressure Lumbar Provocation Discography According to Spine Intervention Society/International Association for the Study of Pain Standards Does Not Cause Acceleration of Disc Degeneration in Patients With Symptomatic Low Back Pain. <i>Spine</i> , 2019, 44, E1161-E1168.	2.0	12
26	Clinical and Radiographic Features of Giant Cell Arteritis With Intracranial Involvement. <i>ACR Open Rheumatology</i> , 2020, 2, 471-477.	2.1	12
27	Embolic Stroke of Undetermined Source and Carotid Intraplaque Hemorrhage on MRI. <i>Clinical Neuroradiology</i> , 2021, 31, 307-313.	1.9	12
28	Penetrating Osseous Spicules Causing High-Flow Ventral CSF Leaks in the Setting of Relatively Low BMI. <i>Clinical Neuroradiology</i> , 2018, 28, 539-543.	1.9	11
29	Increased 99mTc MDP activity in the costovertebral and costotransverse joints on SPECT-CT: is it predictive of associated back pain or response to percutaneous treatment?. <i>Diagnostic and Interventional Radiology</i> , 2015, 21, 342-347.	1.5	11
30	Agreement between neuroimages and reports for natural language processing-based detection of silent brain infarcts and white matter disease. <i>BMC Neurology</i> , 2021, 21, 189.	1.8	10
31	Lateral decubitus dynamic CT myelography for fast cerebrospinal fluid leak localization. <i>Neuroradiology</i> , 2022, 64, 1897-1903.	2.2	10
32	Comparison of facet joint activity on 99mTc-MDP SPECT/CT with facet joint signal change on MRI with fat suppression. <i>Diagnostic and Interventional Radiology</i> , 2016, 22, 277-283.	1.5	9
33	Evaluation of Lower-Dose Spiral Head CT for Detection of Intracranial Findings Causing Neurologic Deficits. <i>American Journal of Neuroradiology</i> , 2019, 40, 1855-1863.	2.4	9
34	Diffuse Calvarial Hyperostosis in Patients with Spontaneous Intracranial Hypotension. <i>World Neurosurgery</i> , 2021, 146, e848-e853.	1.3	9
35	Vessel Wall Imaging of Unruptured Intracranial Aneurysms: Ready for Prime Time? Not so Fast!. <i>American Journal of Neuroradiology</i> , 2019, 40, E26-E29.	2.4	8
36	Prevalence of Cervical Artery Abnormalities on CTA in Patients with Spontaneous Coronary Artery Dissection: Fibromuscular Dysplasia, Dissection, Aneurysm, and Tortuosity. <i>American Journal of Neuroradiology</i> , 2021, 42, 1497-1502.	2.4	8

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37	Diagnostic Yield of Intrathecal Gadolinium MR Myelography for CSF Leak Localization. <i>Clinical Neuroradiology</i> , 2022, 32, 537-545.	1.9	8
38	Temporal lobe anatomy: eight imaging signs to facilitate interpretation of MRI. <i>Surgical and Radiologic Anatomy</i> , 2016, 38, 433-443.	1.2	7
39	Current concepts of cross-sectional and functional anatomy of the cerebellum: a pictorial review and atlas. <i>British Journal of Radiology</i> , 2020, 93, 20190467.	2.2	7
40	Current Clinical Applications of Intracranial Vessel Wall MR Imaging. <i>Seminars in Ultrasound, CT and MRI</i> , 2021, 42, 463-473.	1.5	7
41	Spinal Metastases of Extramammary Paget Disease with Radiologic-Pathologic Correlation. <i>Journal of Radiology Case Reports</i> , 2016, 10, 1-8.	0.4	6
42	Effect of Systemic Therapies on Outcomes following Vertebroplasty among Patients with Multiple Myeloma. <i>American Journal of Neuroradiology</i> , 2016, 37, 2400-2406.	2.4	5
43	Radiological Management of Angiographically Negative, Spontaneous Intracranial Subarachnoid Hemorrhage: A Multicenter Study of Utilization and Diagnostic Yield. <i>Neurosurgery</i> , 2019, 85, 126-133.	1.1	5
44	Dorsal cauda equina nerve root enhancement on magnetic resonance imaging due to ANNA-1-associated paraneoplastic polyneuropathy. <i>Neuroradiology Journal</i> , 2020, 33, 443-447.	1.2	5
45	Improved Treatment Response Following Magnetic Resonance Imaging-Guided Focused Ultrasound for Lumbar Facet Joint Pain. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2020, 4, 109-113.	2.4	5
46	Trigeminal neuralgia due to Meckel's cave crowding in the setting of possible idiopathic intracranial hypertension without papilledema. <i>Annals of Indian Academy of Neurology</i> , 2021, 24, 107.	0.5	5
47	Carotid plaque vulnerability on magnetic resonance imaging and risk of future ischemic events: a systematic review and meta-analysis. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 480-486.	0.6	5
48	Comparison of [18F] FDG-PET/MRI and Clinical Findings for Assessment of Suspected Lumbar Facet Joint Pain: A Prospective Study to Characterize Candidate Nonanatomic Imaging Biomarkers and Potential Impact on Management. <i>American Journal of Neuroradiology</i> , 2019, 40, 1779-1785.	2.4	4
49	Time to Resolution of Inadvertent Subdural Contrast Injection during a Myelogram: When Can the Study Be Reattempted?. <i>American Journal of Neuroradiology</i> , 2020, 41, 1958-1962.	2.4	4
50	Clinical Characteristics of Patients with Gait Instability after MR-Guided Focused Ultrasound Thalamotomy. <i>Tremor and Other Hyperkinetic Movements</i> , 2021, 11, 41.	2.0	4
51	Cerebral and cerebellar white matter abnormalities with magnetic resonance imaging in a child with Feingold syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2009, 149A, 2824-2827.	1.2	3
52	Implementation and Rationale for a Unified Clinical and Imaging Protocol for Evaluation and Treatment of Moyamoya Angiopathy: A Single Institutional Experience. <i>Frontiers in Neurology</i> , 2021, 12, 662393.	2.4	3
53	Percutaneous CT-Guided Core Needle Biopsies of Head and Neck Masses: Review of 184 Cases at a Single Academic Institution, Common and Special Techniques, Diagnostic Yield, and Safety. <i>American Journal of Neuroradiology</i> , 2022, 43, 117-124.	2.4	3
54	Zoster vasculopathy surveillance using intracranial vessel wall imaging. <i>Neurology: Clinical Practice</i> , 2019, 9, 462-464.	1.6	2

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55	Use of Hybrid Imaging Techniques in Diagnosis of Facet Joint Arthropathy: A Narrative Review of Three Modalities. <i>World Neurosurgery</i> , 2020, 134, 201-210.	1.3	2
56	Magnetic Resonance Imagingâ€“Guided Focused Ultrasound Ablation of Lumbar Facet Joints of a Patient With a Magnetic Resonance Image Non-Conditional Pacemaker at 1.5T. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2020, 4, 464-468.	2.4	2
57	Subdural spinal metastases detected on CT myelography: A case report and brief review. <i>Radiology Case Reports</i> , 2021, 16, 1499-1503.	0.6	2
58	Decreased vessel wall enhancement as a biomarker for response to corticosteroids in a patient with CNS vasculitis. <i>Journal of Neurosurgical Sciences</i> , 2018, 63, 100-101.	0.6	2
59	High-resolution vessel wall imaging in Susac's Syndrome. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 235-236.	0.6	2
60	Signal intensity of peri-rolandic cortex identifies the central sulcus on double inversion recovery MRI. <i>Journal of Neurosurgical Sciences</i> , 2019, , .	0.6	2
61	Injection into the Space of Okada During Transforaminal Epidural Steroid Injections. <i>Pain Medicine</i> , 2022, 23, 1066-1074.	1.9	2
62	Hyperostosis in Combination With Low Skull Density Ratio: A Potential Contraindication for Magnetic Resonance Imagingâ€“Guided Focused Ultrasound Thalamotomy. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2022, 6, 10-15.	2.4	2
63	Comment on: Development of intracranial vasculitis in giant cell arteritis during tocilizumab treatment by Naderi. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 198-198.	0.8	1
64	Comparison of the impact of skull density ratio with alternative skull metrics on magnetic resonanceâ€“guided focused ultrasound thalamotomy for tremor. <i>Journal of Neurosurgery</i> , 2023, 138, 50-57.	1.6	1
65	Across the Pons and to the Milky Way: Where Are the Neuroradiology Publications?. <i>American Journal of Neuroradiology</i> , 2019, 40, E22-E23.	2.4	0
66	Multiple reader comparison of 2D TOF, 3D TOF, and CEMRA in screening of the carotid bifurcations: Time to reconsider routine contrast use?. <i>PLoS ONE</i> , 2020, 15, e0237856.	2.5	0
67	High-Resolution Vessel-Wall Imaging for Analysis of Intracranial Aneurysm Daughter- Sac Vulnerability. <i>Mayo Clinic Proceedings</i> , 2021, 96, 815-816.	3.0	0
68	Impact of flow pattern, body mass index, and age on intraprocedural fluoroscopic time and radiation dose during sacroiliac joint injections. <i>Neuroradiology Journal</i> , 2021, 34, 428-434.	1.2	0
69	Reply:. <i>American Journal of Neuroradiology</i> , 2021, 42, E45-E45.	2.4	0
70	Multiple methods to identify the central sulcus and peri-rolandic cortex with double inversion recovery (DIR) MRI. <i>Neuroradiology</i> , 2021, 63, 1393-1394.	2.2	0
71	Spinal Aneurysmal Bone Cyst Causing Spinal Cord Compression. <i>Mayo Clinic Proceedings</i> , 2022, 97, 417-418.	3.0	0
72	Comment on: Development of intracranial vasculitis in giant cell arteritis during tocilizumab treatment by Naderi. <i>Clinical and Experimental Rheumatology</i> , 2021, 39 Suppl 129, 198.	0.8	0