

Jai Jai Shiva Shankar

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

7,784
citations

257357

24
h-index

51562

86
g-index

113
all docs

113
docs citations

113
times ranked

7837
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Randomized Assessment of Rapid Endovascular Treatment of Ischemic Stroke. <i>New England Journal of Medicine</i> , 2015, 372, 1019-1030. | 13.9 | 5,046 |
| 2 | Efficacy and safety of nerinete for the treatment of acute ischaemic stroke (ESCAPE-NA1): a multicentre, double-blind, randomised controlled trial. <i>Lancet</i> , The, 2020, 395, 878-887. | 6.3 | 400 |
| 3 | Imaging features and safety and efficacy of endovascular stroke treatment: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , The, 2018, 17, 895-904. | 4.9 | 281 |
| 4 | Penumbra imaging and functional outcome in patients with anterior circulation ischaemic stroke treated with endovascular thrombectomy versus medical therapy: a meta-analysis of individual patient-level data. <i>Lancet Neurology</i> , The, 2019, 18, 46-55. | 4.9 | 276 |
| 5 | Effect of general anaesthesia on functional outcome in patients with anterior circulation ischaemic stroke having endovascular thrombectomy versus standard care: a meta-analysis of individual patient data. <i>Lancet Neurology</i> , The, 2018, 17, 47-53. | 4.9 | 205 |
| 6 | Acute ischemic stroke with tandem lesions: technical endovascular management and clinical outcomes from the ESCAPE trial. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 429-433. | 2.0 | 78 |
| 7 | Angiographic evaluation of the effect of intra-arterial milrinone therapy in patients with vasospasm from aneurysmal subarachnoid hemorrhage. <i>Neuroradiology</i> , 2011, 53, 123-128. | 1.1 | 63 |
| 8 | Posterior Reversible Encephalopathy Syndrome: A Review. <i>Canadian Association of Radiologists Journal</i> , 2017, 68, 147-153. | 1.1 | 59 |
| 9 | Angioarchitecture of Brain AVM Determines the Presentation with Seizures: Proposed Scoring System. <i>American Journal of Neuroradiology</i> , 2013, 34, 1028-1034. | 1.2 | 56 |
| 10 | From "Time is Brain" to "Imaging is Brain": A Paradigm Shift in the Management of Acute Ischemic Stroke. <i>Journal of Neuroimaging</i> , 2020, 30, 562-571. | 1.0 | 56 |
| 11 | Intra-Arterial Therapy and Post-Treatment Infarct Volumes. <i>Stroke</i> , 2016, 47, 777-781. | 1.0 | 53 |
| 12 | CT Perfusion for Confirmation of Brain Death. <i>American Journal of Neuroradiology</i> , 2013, 34, 1175-1179. | 1.2 | 52 |
| 13 | SILK flow diverter for complex intracranial aneurysms: a Canadian registry. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 273-278. | 2.0 | 47 |
| 14 | Regional Comparison of Multiphase Computed Tomographic Angiography and Computed Tomographic Perfusion for Prediction of Tissue Fate in Ischemic Stroke. <i>Stroke</i> , 2017, 48, 939-945. | 1.0 | 46 |
| 15 | CT angiography for evaluation of cerebral vasospasm following acute subarachnoid haemorrhage. <i>Neuroradiology</i> , 2012, 54, 197-203. | 1.1 | 40 |
| 16 | Canadian Registry of LVIS Jr for Treatment of Intracranial Aneurysms (CaRLA). <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 849-853. | 2.0 | 38 |
| 17 | Onyx versus nBCA and coils in the treatment of intracranial dural arteriovenous fistulas. <i>Interventional Neuroradiology</i> , 2016, 22, 212-216. | 0.7 | 35 |
| 18 | Long-Term Prospective Follow-Up of Intracranial Aneurysms Treated with Endovascular Coiling Using Contrast-Enhanced MR Angiography. <i>American Journal of Neuroradiology</i> , 2010, 31, 1211-1215. | 1.2 | 33 |

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|----|---|-----|-----------|
| 19 | Factors affecting long-term restenosis after carotid stenting for carotid atherosclerotic disease. <i>Neuroradiology</i> , 2012, 54, 1347-1353. | 1.1 | 31 |
| 20 | Healthy Life-Year Costs of Treatment Speed From Arrival to Endovascular Thrombectomy in Patients With Ischemic Stroke. <i>JAMA Neurology</i> , 2021, 78, 709. | 4.5 | 30 |
| 21 | Time for a Time Window Extension: Insights from Late Presenters in the ESCAPE Trial. <i>American Journal of Neuroradiology</i> , 2018, 39, 102-106. | 1.2 | 29 |
| 22 | Computed Tomographic Perfusion Predicts Poor Outcomes in a Randomized Trial of Endovascular Therapy. <i>Stroke</i> , 2018, 49, 1426-1433. | 1.0 | 29 |
| 23 | LVIS Jr â€šshelfâ€™ technique: an alternative to Y stent-assisted aneurysm coiling. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 1256-1259. | 2.0 | 28 |
| 24 | SILK flow diverter for treatment of intracranial aneurysms: initial experience and cost analysis. <i>Journal of NeuroInterventional Surgery</i> , 2013, 5, iii11-iii15. | 2.0 | 26 |
| 25 | Diagnosing Vasospasm After Subarachnoid Hemorrhage: CTA and CTP. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 314-319. | 0.3 | 25 |
| 26 | Whole-Brain Perfusion Imaging With 320-MDCT Scanner: Reducing Radiation Dose by Increasing Sampling Interval. <i>American Journal of Roentgenology</i> , 2010, 195, 1183-1186. | 1.0 | 24 |
| 27 | Whole brain CT perfusion on a 320-slice CT scanner. <i>Indian Journal of Radiology and Imaging</i> , 2011, 21, 209-214. | 0.3 | 24 |
| 28 | Spinal dural arteriovenous fistula: correlation between radiological and clinical findings. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 837-842. | 0.9 | 23 |
| 29 | The Role of Neuroimaging in the Determination of Brain Death. <i>Journal of Neuroimaging</i> , 2018, 28, 374-379. | 1.0 | 23 |
| 30 | CT Perfusion in Acute Stroke Predicts Final Infarct Volume- Inter-observer Study. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 93-97. | 0.3 | 22 |
| 31 | Evaluation of Perfusion CT in Grading and Prognostication of High-Grade Gliomas at Diagnosis: A Pilot Study. <i>American Journal of Roentgenology</i> , 2013, 200, W504-W509. | 1.0 | 20 |
| 32 | Developing an in situ forming polyphosphate coacervate as a new liquid embolic agent: From experimental design to pilot animal study. <i>Acta Biomaterialia</i> , 2016, 32, 286-297. | 4.1 | 20 |
| 33 | Flow is not perfusion, and perfusion is not function: ancillary testing for the diagnosis of brain death. <i>Canadian Journal of Anaesthesia</i> , 2021, 68, 953-961. | 0.7 | 20 |
| 34 | Risk of recurrence of subdural hematoma after EMMA vs surgical drainage â€š Systematic review and meta-analysis. <i>Interventional Neuroradiology</i> , 2021, 27, 159101992199096. | 0.7 | 19 |
| 35 | Comprehensive Aneurysm Management (CAM): An All-Inclusive Care Trial for Unruptured Intracranial Aneurysms. <i>World Neurosurgery</i> , 2020, 141, e770-e777. | 0.7 | 17 |
| 36 | Assessment of Discrepancies Between Follow-up Infarct Volume and 90-Day Outcomes Among Patients With Ischemic Stroke Who Received Endovascular Therapy. <i>JAMA Network Open</i> , 2021, 4, e2132376. | 2.8 | 17 |

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|----|---|-----|-----------|
| 37 | A Rare Case of Cerebral Cortical Dysplasia with Arterial Vascular Dysplasia. Canadian Journal of Neurological Sciences, 2009, 36, 757-760. | 0.3 | 16 |
| 38 | Computed Tomography Perfusion Aids in the Prognostication of Comatose Postcardiac Arrest Patients. American Journal of Cardiology, 2018, 121, 874-878. | 0.7 | 16 |
| 39 | A randomized trial of endovascular versus surgical management of ruptured intracranial aneurysms: Interim results from ISAT2. Neurochirurgie, 2019, 65, 370-376. | 0.6 | 16 |
| 40 | Amplatzer Vascular Plug for Occlusion of Parent Artery in Carotid Blowout with Active Extravasation. Interventional Neuroradiology, 2011, 17, 224-227. | 0.7 | 15 |
| 41 | Does computed tomography permeability predict hemorrhagic transformation after ischemic stroke?. World Journal of Radiology, 2016, 8, 594. | 0.5 | 15 |
| 42 | Multiple spinal and cranial dural arteriovenous fistulas. Journal of Neurosurgery: Spine, 2011, 15, 113-116. | 0.9 | 14 |
| 43 | Dysmetropsia and Cotard's syndrome due to migrainous infarction " or not?. Cephalalgia, 2014, 34, 717-720. | 1.8 | 14 |
| 44 | Use of Noncontrast Computed Tomography and Computed Tomographic Perfusion in Predicting Intracerebral Hemorrhage After Intravenous Alteplase Therapy. Stroke, 2017, 48, 1548-1553. | 1.0 | 14 |
| 45 | The venous hinge" an objective sign for the diagnosis and follow-up of treatment in patients with intracranial hypotension syndrome. Neuroradiology, 2009, 51, 453-456. | 1.1 | 13 |
| 46 | Diffusion weighted imaging may help differentiate intracranial hemangiopericytoma from meningioma. Journal of Neuroradiology, 2019, 46, 263-267. | 0.6 | 13 |
| 47 | Clinico-radiological correlation of magnetic resonance imaging findings in patients with idiopathic intracranial hypertension. Neuroradiology, 2020, 62, 49-53. | 1.1 | 13 |
| 48 | The Usefulness of CT Perfusion in Differentiation between Neoplastic and Tuberculous Disease of the Spine. Journal of Neuroimaging, 2009, 19, 132-138. | 1.0 | 12 |
| 49 | Outcome in small aneurysms (<4mm) treated by endovascular coiling. Journal of NeuroInterventional Surgery, 2012, 4, 196-198. | 2.0 | 12 |
| 50 | A Case Study of Symptomatic Retroclival Ectodermoid: CT and MR Imaging. Canadian Journal of Neurological Sciences, 2016, 43, 210-212. | 0.3 | 12 |
| 51 | Admission Perfusion CT for Classifying Early In-Hospital Mortality of Patients With Severe Traumatic Brain Injury: A Pilot Study. American Journal of Roentgenology, 2020, 214, 872-876. | 1.0 | 12 |
| 52 | Does Increasing Packing Density Using Larger Caliber Coils Improve Angiographic Results of Embolization of Intracranial Aneurysms at 1 Year: A Randomized Trial. American Journal of Neuroradiology, 2020, 41, 29-34. | 1.2 | 12 |
| 53 | Subarachnoid Hemorrhage Following Posterior Spinal Artery Aneurysm Rupture. Canadian Journal of Neurological Sciences, 2012, 39, 531-532. | 0.3 | 11 |
| 54 | Spinal Epidural Arteriovenous Fistula with Double Perimedullary Reflux. Canadian Journal of Neurological Sciences, 2012, 39, 239-241. | 0.3 | 10 |

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|----|---|-----|-----------|
| 55 | Magnetic Resonance Imaging Findings in a Case of Congenital Rubella Encephalitis. Canadian Journal of Infectious Diseases and Medical Microbiology, 2013, 24, e122-e123. | 0.7 | 10 |
| 56 | Diffusion-Weighted Imaging of the Brain: Beyond Stroke. Canadian Association of Radiologists Journal, 2017, 68, 131-146. | 1.1 | 10 |
| 57 | Effectiveness and safety of endovascular thrombectomy for large versus medium vessel occlusions: a single-center experience. Journal of NeuroInterventional Surgery, 2022, 14, 434-438. | 2.0 | 10 |
| 58 | Iterative Reconstruction for Head CT: Effects on Radiation Dose and Image Quality. Canadian Journal of Neurological Sciences, 2014, 41, 620-625. | 0.3 | 9 |
| 59 | Delayed parent artery occlusions following use of SILK flow diverters for treatment of intracranial aneurysms. Journal of NeuroInterventional Surgery, 2019, 11, 690-693. | 2.0 | 9 |
| 60 | Radiation Dose from 3D Rotational vs. Conventional 2D Digital Subtraction Angiography in Intracranial Aneurysm Coiling. Canadian Journal of Neurological Sciences, 2015, 42, 176-180. | 0.3 | 8 |
| 61 | Transverse venous sinus stenosis in idiopathic intracranial hypertension: a prospective pilot study. Canadian Journal of Ophthalmology, 2020, 55, 401-405. | 0.4 | 8 |
| 62 | Early diagnosis of mortality using admission CT perfusion in severe traumatic brain injury patients (ACT-TBI): protocol for a prospective cohort study. BMJ Open, 2021, 11, e047305. | 0.8 | 8 |
| 63 | Noninvasive Angiographic Results of Clipped or Coiled Intracranial Aneurysms: An Inter- and Intraobserver Reliability Study. American Journal of Neuroradiology, 2021, 42, 1615-1620. | 1.2 | 8 |
| 64 | Comments on Shemie et al.: International guideline development for the determination of death. Intensive Care Medicine, 2015, 41, 571-571. | 3.9 | 7 |
| 65 | Cerebral vascular malformations: Time-resolved CT angiography compared to DSA. Neuroradiology Journal, 2015, 28, 310-315. | 0.6 | 7 |
| 66 | DSA-Dynavision in pretreatment planning for coil embolization of indirect carotid cavernous fistula. Journal of NeuroInterventional Surgery, 2017, 9, 389-393. | 2.0 | 7 |
| 67 | Radiological Growth Patterns of Prolactinomas and Nonfunctioning Adenomas. Canadian Journal of Neurological Sciences, 2017, 44, 508-513. | 0.3 | 7 |
| 68 | Imaging of the Spontaneous Low Cerebrospinal Fluid Pressure Headache: A Review. Canadian Association of Radiologists Journal, 2020, 71, 174-185. | 1.1 | 7 |
| 69 | Access to Endovascular Thrombectomy for Stroke in Rural Versus Urban Regions. Canadian Journal of Neurological Sciences, 2022, 49, 70-75. | 0.3 | 7 |
| 70 | Rapid Endovascular Treatment of Acute Ischemic Stroke: What a General Radiologist Should Know. Canadian Association of Radiologists Journal, 2017, 68, 154-160. | 1.1 | 6 |
| 71 | Digital Subtraction Angiography for CT Angiogram Negative Haemorrhages. Canadian Journal of Neurological Sciences, 2018, 45, 522-526. | 0.3 | 6 |
| 72 | Diagnosing Neoplastic Hematoma: Role of MR Perfusion. Clinical Neuroradiology, 2019, 29, 263-268. | 1.0 | 6 |

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|----|---|-----|-----------|
| 73 | Current and future usefulness and potential of virtual simulation in improving outcomes and reducing complications in endovascular treatment of unruptured intracranial aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 251-254. | 2.0 | 6 |
| 74 | Bleomycin for orbital and peri-orbital veno-lymphatic malformations – A systematic review. <i>Interventional Neuroradiology</i> , 2021, 27, 291-297. | 0.7 | 6 |
| 75 | Variation in CT perfusion protocol has implications on defining irreversibly damaged ischemic brain parenchyma. <i>European Radiology</i> , 2021, 31, 8315-8316. | 2.3 | 6 |
| 76 | Determinants of Leptomeningeal Collateral Status Variability in Ischemic Stroke Patients. <i>Canadian Journal of Neurological Sciences</i> , 2021, , 1-19. | 0.3 | 6 |
| 77 | Perfusion Imaging of Tumefactive Demyelinating Lesions Compared to High Grade Gliomas. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 316-318. | 0.3 | 5 |
| 78 | Amplatzer vascular plug for rapid vessel occlusion in interventional neuroradiology. <i>Interventional Neuroradiology</i> , 2016, 22, 116-121. | 0.7 | 5 |
| 79 | Bleomycin for Head and Neck Venolymphatic Malformations: A Systematic Review. <i>Canadian Journal of Neurological Sciences</i> , 2021, 48, 365-371. | 0.3 | 5 |
| 80 | Imaging for Predicting Hemorrhagic Transformation of Acute Ischemic Stroke – A Narrative Review. <i>Canadian Association of Radiologists Journal</i> , 2022, 73, 194-202. | 1.1 | 5 |
| 81 | Rupture of aneurysms in the immediate post-coiling period. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 16-18. | 2.0 | 4 |
| 82 | Fourth Ventricle Choroid Plexus Xanthogranuloma Causing Hydrocephalus. <i>Canadian Journal of Neurological Sciences</i> , 2015, 42, 454-456. | 0.3 | 4 |
| 83 | CT Perfusion in Acute Stroke: –Black Holes– on Time – Peak Image Maps Indicate Unsalvageable Brain. <i>Journal of Neuroimaging</i> , 2016, 26, 605-611. | 1.0 | 4 |
| 84 | Irreversibility of transverse venous sinus stenosis and optic nerve edema post-lumbar puncture in idiopathic intracranial hypertension. <i>Canadian Journal of Ophthalmology</i> , 2019, 54, e57-e59. | 0.4 | 4 |
| 85 | Are Anterior Communicating Aneurysms Truly Anterior Communicating Aneurysms? An Observational Study. <i>World Neurosurgery</i> , 2019, 125, e1089-e1092. | 0.7 | 4 |
| 86 | Complete recovery following transorbital penetrating head injury traversing the brainstem: case report. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 697-701. | 0.8 | 4 |
| 87 | Modic Change and Clinical Assessment Scores in Patients Undergoing Lumbar Surgery for Disk Herniation. <i>Clinical Spine Surgery</i> , 2021, 34, E205-E210. | 0.7 | 4 |
| 88 | Altered Processing of Visual Memory in Patients with Mesial Temporal Sclerosis: An fMRI Study. , 2011, 21, 138-144. | | 3 |
| 89 | Serial Quantitative Computed Tomography Perfusion in Aneurysmal Subarachnoid Hemorrhage. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 375-380. | 0.3 | 3 |
| 90 | Normalized Apparent Diffusion Coefficient in the Prognostication of Patients with Glioblastoma Multiforme. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 127-133. | 0.3 | 3 |

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|-----|--|-----|-----------|
| 91 | Caseâ€“Control Study of Endovascular Thrombectomy in a Canadian Stroke Center. Canadian Journal of Neurological Sciences, 2020, 47, 44-49. | 0.3 | 3 |
| 92 | A Cost-Utility Analysis of Endovascular Thrombectomy in a Real-World Setting. Canadian Journal of Neurological Sciences, 2020, 47, 50-60. | 0.3 | 3 |
| 93 | T2 Hypointensity Aids in the Diagnosis of Intracranial Metastatic Adenocarcinoma. Canadian Journal of Neurological Sciences, 2020, 47, 210-213. | 0.3 | 3 |
| 94 | Endovascular Thrombectomy for Stroke Effectiveness Studyâ€“An Audit From a Small Tertiary Care Center. Canadian Association of Radiologists Journal, 2020, 71, 63-67. | 1.1 | 3 |
| 95 | Long term safety and effectiveness of LVIS Jr for treatment of intracranial aneurysms- a Canadian Multicenter registry. Interventional Neuroradiology, 2023, 29, 134-140. | 0.7 | 3 |
| 96 | Microsurgical glue embolectomy of the middle cerebral artery following embolization of a maxillofacial arteriovenous malformation. Journal of Clinical Neuroscience, 2011, 18, 1733-1736. | 0.8 | 2 |
| 97 | THE HALIFAX ACUTE STROKE IMAGING STUDY (HASIS): DOES CT PERFUSION SCANNING IN ACUTE ISCHEMIC STROKE PREDICT FINAL INFARCT VOLUME?. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, e2.196-e2. | 0.9 | 2 |
| 98 | Digital Subtraction Angiography-Dynavision in Pretreatment Planning for Embolization of Dural Arterio-Venous Fistulas. , 2018, 28, 112-117. | | 2 |
| 99 | Diagnostic Yield of MRI for Sensorineural Hearing Loss â€“ An Audit. Canadian Journal of Neurological Sciences, 2020, 47, 656-660. | 0.3 | 2 |
| 100 | In reply: The capacity for consciousness and the clinical diagnosis of brain death: are we using the correct gold standard?. Canadian Journal of Anaesthesia, 2021, 68, 1578-1579. | 0.7 | 2 |
| 101 | Suboptimal Outcome with Endovascular Thrombectomy: Will Acute Stroke Unit Help?. Canadian Journal of Neurological Sciences, 2021, 48, 567-569. | 0.3 | 2 |
| 102 | Imaging Improves Efficacy of Vertebroplasty â€“ A Systematic Review and Meta-Analysis. Canadian Journal of Neurological Sciences, 2019, 46, 540-549. | 0.3 | 1 |
| 103 | Ancillary Imaging Tests for Confirmation of Brain Death. , 0, , . | | 1 |
| 104 | Reappearance of Neurological Deficits in Pathologic Brain. Journal of Neurosurgical Anesthesiology, 2021, Publish Ahead of Print, 14-20. | 0.6 | 1 |
| 105 | Grading Scale for embolization of middle meningeal artery for chronic subdural hematoma. Canadian Journal of Neurological Sciences, 2021, , 1-6. | 0.3 | 1 |
| 106 | Feasibility of intraoperative MRI for endovascular coiling of intracranial aneurysms: A single centre experience. Interventional Neuroradiology, 2023, 29, 520-524. | 0.7 | 1 |
| 107 | Technique for Plain CT and CT Angiogram of the Head in an Obese Patient. Canadian Journal of Neurological Sciences, 2012, 39, 546-547. | 0.3 | 0 |
| 108 | CT Perfusion in the Management of Acute Stroke. Canadian Journal of Neurological Sciences, 2013, 40, 616-617. | 0.3 | 0 |

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|-----|---|-----|-----------|
| 109 | 48 Yearâ€Old Woman With Right Leg and Arm Numbness. Brain Pathology, 2015, 25, 109-110. | 2.1 | 0 |
| 110 | Transvenous Embolization of Dural Arteriovenous Fistulas with cortical venous drainage. Canadian Journal of Neurological Sciences, 2022, , 1-12. | 0.3 | 0 |
| 111 | In reply: Mistaken concepts on the use of ancillary testing in brain death diagnosis. Canadian Journal of Anaesthesia, 2022, 69, 407-408. | 0.7 | 0 |
| 112 | Safety and effectiveness of vascular closure devices in interventional radiological procedures. Interventional Neuroradiology, 2022, , 159101992211006. | 0.7 | 0 |
| 113 | Traumatic brain injury and in-hospital mortality- CT perfusion and beyond. , 2022, , 3-13. | | 0 |