

Prakash Muthusami

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

517
citations

759233

12
h-index

839539

18
g-index

64
all docs

64
docs citations

64
times ranked

834
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mechanical thrombectomy in pediatric stroke: systematic review, individual patient data meta-analysis, and case series. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 558-571. | 1.3 | 46 |
| 2 | Arterial Wall Imaging in Pediatric Stroke. <i>Stroke</i> , 2018, 49, 891-898. | 2.0 | 31 |
| 3 | Factors Contributing to Major Neurological Complications From Vein of Galen Malformation Embolization. <i>JAMA Neurology</i> , 2020, 77, 992. | 9.0 | 26 |
| 4 | Implicating the long styloid process in cervical carotid artery dissection. <i>Neuroradiology</i> , 2013, 55, 861-867. | 2.2 | 24 |
| 5 | Ultrasound guidance for difficult lumbar puncture in children: pearls and pitfalls. <i>Pediatric Radiology</i> , 2017, 47, 822-830. | 2.0 | 24 |
| 6 | Predictive Value of MRI in Diagnosing Brain AVM Recurrence after Angiographically Documented Exclusion in Children. <i>American Journal of Neuroradiology</i> , 2019, 40, 1227-1235. | 2.4 | 24 |
| 7 | Childhood Moyamoya: Looking Back to the Future. <i>Pediatric Neurology</i> , 2019, 91, 11-19. | 2.1 | 20 |
| 8 | Distinct Clinical and Radiographic Phenotypes in Pediatric Patients With Moyamoya. <i>Pediatric Neurology</i> , 2021, 120, 18-26. | 2.1 | 18 |
| 9 | Incidence and Natural History of Pediatric Large Vessel Occlusion Stroke. <i>JAMA Neurology</i> , 2022, 79, 488. | 9.0 | 18 |
| 10 | Incidentally detected unilateral pulmonary artery agenesis with pulmonary hypoplasia in a 67 year old woman. <i>Journal of Radiology Case Reports</i> , 2010, 4, 32-7. | 0.4 | 14 |
| 11 | Splanchnic, Thoracoabdominal, and Cerebral Blood Flow Volumes in Healthy Children and Young Adults in Fasting and Postprandial States: Determining Reference Ranges by Using Phase-Contrast MR Imaging. <i>Radiology</i> , 2017, 285, 231-241. | 7.3 | 14 |
| 12 | Radiation Dosimetry of 3D Rotational Neuroangiography and 2D-DSA in Children. <i>American Journal of Neuroradiology</i> , 2018, 39, 727-733. | 2.4 | 14 |
| 13 | Treatment Strategies and Related Outcomes for Brain Arteriovenous Malformations in Children: A Systematic Review and Meta-Analysis. <i>American Journal of Roentgenology</i> , 2020, 215, 472-487. | 2.2 | 14 |
| 14 | Effects of orthodontic appliances on the diagnostic quality of magnetic resonance images of the head. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2017, 151, 484-499. | 1.7 | 13 |
| 15 | Noncontrast Computed Tomography versus Computed Tomography Angiography Source Images for Predicting Final Infarct Size in Anterior Circulation Acute Ischemic Stroke: a Prospective Cohort Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 339-346. | 1.6 | 13 |
| 16 | Venous pathologies in paediatric neuroradiology: from foetal to adolescent life. <i>Neuroradiology</i> , 2020, 62, 15-37. | 2.2 | 13 |
| 17 | CT reconstruction and MRI fusion of 3D rotational angiography in the evaluation of pediatric cerebrovascular lesions. <i>Neuroradiology</i> , 2017, 59, 625-633. | 2.2 | 12 |
| 18 | The Role of Static Magnetic Resonance Urography in the Evaluation of Obstructive Uropathy. <i>Urology</i> , 2013, 81, 623-628. | 1.0 | 11 |

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|----|--|-----|-----------|
| 19 | MRI of thoracic outlet syndrome in children. <i>Pediatric Radiology</i> , 2017, 47, 1222-1234. | 2.0 | 11 |
| 20 | Myocardial Perfusion, Fibrosis, and Contractility in Children With Kawasaki Disease. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1922-1924. | 5.3 | 11 |
| 21 | Evaluation of implanted venous port-a-caths in children with medical complexity and neurologic impairment. <i>Pediatric Radiology</i> , 2019, 49, 1354-1361. | 2.0 | 9 |
| 22 | Appearances of the circumcaval ureter on excretory urography and MR urography: A single-center case series. <i>Indian Journal of Radiology and Imaging</i> , 2013, 23, 81-85. | 0.8 | 8 |
| 23 | Diffusion tensor imaging and tractography of the human language pathways: Moving into the clinical realm. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 1041-1053. | 3.4 | 8 |
| 24 | Deep venous communication in vein of Galen malformations: incidence, Imaging, and Implications for treatment. <i>Journal of NeuroInterventional Surgery</i> , 2021, 13, 290-293. | 3.3 | 8 |
| 25 | Unruptured intracranial aneurysms in children: 18 years' experience in a tertiary care pediatric institution. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 184-189. | 1.3 | 8 |
| 26 | First-Pass Contrast-Enhanced MRA for Pretherapeutic Diagnosis of Spinal Epidural Arteriovenous Fistulas with Intradural Venous Reflux. <i>American Journal of Neuroradiology</i> , 2017, 38, 195-199. | 2.4 | 7 |
| 27 | Can Children Be Considered for Transradial Interventions?. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e009251. | 3.9 | 6 |
| 28 | Improving long-term outcomes in pediatric torcular dural sinus malformations with embolization and anticoagulation: a retrospective review of The Hospital for Sick Children experience. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 469-475. | 1.3 | 6 |
| 29 | Measuring hemoglobin prior to early discharge without routine surveillance ultrasound after percutaneous native renal biopsy in children. <i>Pediatric Nephrology</i> , 2017, 32, 1927-1934. | 1.7 | 5 |
| 30 | Imaging Features of Common Pediatric Intracranial Tumours: A Primer for the Radiology Trainee. <i>Canadian Association of Radiologists Journal</i> , 2018, 69, 105-117. | 2.0 | 5 |
| 31 | 012...Mechanical thrombectomy in pediatric stroke: systematic review, individual patient-data meta-analysis, and case series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, A5.1-A5. | 1.9 | 5 |
| 32 | Bow hunter syndrome: A rare yet important etiology of posterior circulation stroke. <i>Journal of Clinical Neuroscience</i> , 2020, 78, 418-419. | 1.5 | 5 |
| 33 | Image guided sacroiliac joint corticosteroid injections in children: an 18-year single-center retrospective study. <i>Pediatric Rheumatology</i> , 2020, 18, 52. | 2.1 | 5 |
| 34 | Reperfusion Therapies for Children With Arterial Ischemic Stroke. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 231-243. | 1.2 | 5 |
| 35 | Need for a nomogram of renal sizes in the Indian population- findings from a single centre sonographic study. <i>Indian Journal of Medical Research</i> , 2014, 139, 686-93. | 1.0 | 5 |
| 36 | Intracranial artery to artery spontaneous revascularization in a child. <i>Child's Nervous System</i> , 2017, 33, 2035-2038. | 1.1 | 4 |

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|----|---|-----|-----------|
| 37 | The role of MRA in pediatric sickle cell disease with normal transcranial Doppler imaging velocities. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104864. | 1.6 | 4 |
| 38 | Locations, associations and temporal evolution of intracranial arterial infundibular dilatations in children. <i>Journal of NeuroInterventional Surgery</i> , 2020, 12, 495-498. | 3.3 | 4 |
| 39 | Fractional Flow on TOF-MRA as a Measure of Stroke Risk in Children with Intracranial Arterial Stenosis. <i>American Journal of Neuroradiology</i> , 2020, 41, 535-541. | 2.4 | 4 |
| 40 | Advances in Pediatric Neuroimaging. <i>Indian Journal of Pediatrics</i> , 2015, 82, 154-165. | 0.8 | 3 |
| 41 | Use of radial access sheaths for transfemoral neuroendovascular procedures in children. <i>Neuroradiology</i> , 2021, 63, 633-635. | 2.2 | 3 |
| 42 | Clinical and Angioarchitectural Features of Hemorrhagic Brain Arterio-Venous Malformations in Adults and Children: Contrasts and Implications on Outcome. <i>Neurosurgery</i> , 2021, 89, 645-652. | 1.1 | 3 |
| 43 | Fronto-Parietal and White Matter Haemodynamics Predict Cognitive Outcome in Children with Moyamoya Independent of Stroke. <i>Translational Stroke Research</i> , 2022, 13, 757-773. | 4.2 | 3 |
| 44 | Quantitative color-coded digital subtraction neuroangiography for pediatric arteriovenous shunting lesions. <i>Child's Nervous System</i> , 2019, 35, 2399-2403. | 1.1 | 2 |
| 45 | Reliability and safety of Etomidate speech test in children with drug resistant focal epilepsy. <i>Epilepsy Research</i> , 2019, 156, 106150. | 1.6 | 2 |
| 46 | Anatomical Venous Variants in Children With Cerebral Sinovenous Thrombosis. <i>Stroke</i> , 2019, 50, 178-180. | 2.0 | 2 |
| 47 | Radiation-induced intracranial aneurysm presenting with acute hemorrhage in a child treated for medulloblastoma. <i>Child's Nervous System</i> , 2021, 37, 1387-1389. | 1.1 | 2 |
| 48 | Transradial Neuroendovascular Procedures in Adolescents: Initial Single-Center Experience. <i>American Journal of Neuroradiology</i> , 2021, 42, 1492-1496. | 2.4 | 2 |
| 49 | Long Vascular Sheaths for Transfemoral Neuroendovascular Procedures in Children. <i>Neurointervention</i> , 2021, 16, 149-157. | 0.8 | 2 |
| 50 | Neurovascular Manifestations in Pediatric Patients With Hereditary Haemorrhagic Telangiectasia. <i>Pediatric Neurology</i> , 2022, 129, 24-30. | 2.1 | 2 |
| 51 | Clinician and researcher - Can the twain ever meet? A young clinician's perspective. <i>Journal of Pharmacology and Pharmacotherapeutics</i> , 2011, 2, 305. | 0.4 | 1 |
| 52 | Glioma progression as revealed by diffusion tensor metrics. <i>Neurology India</i> , 2012, 60, 355. | 0.4 | 1 |
| 53 | Reduced fetal cerebral oxygen consumption is associated with abnormal white matter in newborns with congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P201. | 3.3 | 1 |
| 54 | The role of MR imaging in investigating isolated pediatric nystagmus. <i>Pediatric Radiology</i> , 2016, 46, 1721-1727. | 2.0 | 1 |

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|----|---|-----|-----------|
| 55 | Surgical management of pediatric rolandic arteriovenous malformations: a single-center case series. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 27, 62-68. | 1.3 | 1 |
| 56 | Definitive Diagnostic Evaluation of the Child With Arterial Ischemic Stroke and Approaches to Secondary Stroke Prevention. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 225-230. | 1.2 | 1 |
| 57 | Initial Diagnostic Evaluation of the Child With Suspected Arterial Ischemic Stroke. <i>Topics in Magnetic Resonance Imaging</i> , 2021, 30, 211-223. | 1.2 | 1 |
| 58 | Successful Pediatric Mechanical Thrombectomy for HeartMate 3-Related Intracranial Thromboembolism. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2022, 13, 242-244. | 0.8 | 1 |
| 59 | Assessment of MRI parameters for studying brain development in newborns with congenital heart disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P205. | 3.3 | 0 |
| 60 | Hallway Conversations in Physics. <i>American Journal of Roentgenology</i> , 2017, 209, W44-W46. | 2.2 | 0 |
| 61 | Image-guided chest tube drainage in the management of chylothorax post cardiac surgery in children: a single-center case series. <i>Pediatric Radiology</i> , 2021, 51, 822-830. | 2.0 | 0 |
| 62 | Correspondence on 'Intra-arterial chemotherapy for retinoblastoma: an updated systematic review and meta-analysis' by Ravindran et al. <i>Journal of NeuroInterventional Surgery</i> , 2022, , neurintsurg-2021-018409. | 3.3 | 0 |