

# Cc Tchoyoson Lim

## List of Publications by Year in descending order

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Version: 2024-02-01

91  
papers

3,938  
citations

201674

27  
h-index

128289

60  
g-index

93  
all docs

93  
docs citations

93  
times ranked

5530  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Deep Learning Applications in Medical Image Analysis. IEEE Access, 2018, 6, 9375-9389.  | 4.2  | 903       |
| 2  | Differential Diagnosis for Bilateral Abnormalities of the Basal Ganglia and Thalamus. Radiographics, 2011, 31, 5-30.  | 3.3  | 289       |
| 3  | Model-free arterial spin labeling quantification approach for perfusion MRI. Magnetic Resonance in Medicine, 2006, 55, 219-232.   | 3.0  | 275       |
| 4  | Perfusion Imaging Using Arterial Spin Labeling. Topics in Magnetic Resonance Imaging, 2004, 15, 10-27.  | 1.2  | 234       |
| 5  | Large artery ischaemic stroke in severe acute respiratory syndrome (SARS). Journal of Neurology, 2004, 251, 1227-1231.  | 3.6  | 222       |
| 6  | Nipah Virus Infection. Journal of Clinical Microbiology, 2018, 56, .  | 3.9  | 162       |
| 7  | Image Thresholding Improves 3-Dimensional Convolutional Neural Network Diagnosis of Different Acute Brain Hemorrhages on Computed Tomography Scans. Sensors, 2019, 19, 2167.                | 3.8  | 139       |
| 8  | Territorial Arterial Spin Labeling in the Assessment of Collateral Circulation. Stroke, 2008, 39, 3248-3254.  | 2.0  | 98        |
| 9  | An Unusual Outbreak of Hypoglycemia. New England Journal of Medicine, 2009, 360, 734-736.   | 27.0 | 70        |
| 10 | Nipah Virus Encephalitis: Serial MR Study of an Emerging Disease. Radiology, 2002, 222, 219-226.  | 7.3  | 69        |
| 11 | Comparison of machine learning classifiers for differentiation of grade 1 from higher gradings in meningioma: A multicenter radiomics study. Magnetic Resonance Imaging, 2019, 63, 244-249. | 1.8  | 66        |
| 12 | The iPad Tablet Computer for Mobile On-Call Radiology Diagnosis? Auditing Discrepancy in CT and MRI Reporting. Journal of Digital Imaging, 2012, 25, 628-634.                               | 2.9  | 65        |
| 13 | Acute symptomatic seizures and hippocampus damage: DWI and MRS findings. Neurology, 2006, 66, 1732-1735.  | 1.1  | 63        |
| 14 | Use of Diffusion Weighted Imaging in Differentiating Between Malignant and Benign Meningiomas. A Multicenter Analysis. World Neurosurgery, 2016, 88, 598-602.                               | 1.3  | 59        |
| 15 | Combined MR spectroscopic imaging and diffusion tensor MRI visualizes corticospinal tract degeneration in amyotrophic lateral sclerosis. Journal of Neurology, 2004, 251, 1249-1254.        | 3.6  | 58        |
| 16 | MRI in Cerebral Schistosomiasis: Characteristic Nodular Enhancement in 33 Patients. American Journal of Roentgenology, 2008, 191, 582-588.  | 2.2  | 50        |
| 17 | Dynamic Contrast-enhanced CT of Intracranial Meningioma: Comparison of Distributed and Compartmental Tracer Kinetic Models—Initial Results. Radiology, 2004, 232, 921-930.                  | 7.3  | 49        |
| 18 | Neuropsychiatric Sequelae of Nipah Virus Encephalitis. Journal of Neuropsychiatry and Clinical Neurosciences, 2004, 16, 500-504.  | 1.8  | 44        |

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|----|--|-----|-----------|
| 19 | Hyperglycemic choreoathetosis: Role of the putamen in pathogenesis. <i>Movement Disorders</i> , 2009, 24, 915-919.   | 3.9 | 42        |
| 20 | Aquaporin-4 expression is increased in edematous meningiomas. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 441-443.   | 1.5 | 40        |
| 21 | Medical Image Resource Center?making electronic teaching files from PACS. <i>Journal of Digital Imaging</i> , 2003, 16, 331-336.   | 2.9 | 38        |
| 22 | Central neurocytoma: typical magnetic resonance spectroscopy findings and atypical ventricular dissemination. <i>Magnetic Resonance Imaging</i> , 2008, 26, 59-64.                                     | 1.8 | 38        |
| 23 | <scp><i>NOTCH2NLC</i> GGC</scp> Repeat Expansions Are Associated with Sporadic Essential Tremor: Variable Disease Expressivity on Long-term Follow-up. <i>Annals of Neurology</i> , 2020, 88, 614-618. | 5.3 | 36        |
| 24 | Paroxysmal autonomic instability with dystonia. <i>Clinical Autonomic Research</i> , 2007, 17, 378-381.  | 2.5 | 34        |
| 25 | Malformations of cortical development: high-resolution MR and diffusion tensor imaging of fiber tracts at 3T. <i>American Journal of Neuroradiology</i> , 2005, 26, 61-4.                              | 2.4 | 32        |
| 26 | Susac syndrome: serial diffusion-weighted MR imaging. <i>Magnetic Resonance Imaging</i> , 2004, 22, 1295-1298.   | 1.8 | 31        |
| 27 | Comparison of Magnetic Resonance Spectroscopy and Perfusion-weighted Imaging in Presurgical Grading of Oligodendroglial Tumors. <i>Neurosurgery</i> , 2005, , .  | 1.1 | 30        |
| 28 | Giant spinal ganglioneuroma. <i>Journal of Clinical Neuroscience</i> , 2005, 12, 967-972.  | 1.5 | 28        |
| 29 | Cerebral perfusion mapping using a robust and efficient method for deconvolution analysis of dynamic contrast-enhanced images. <i>NeuroImage</i> , 2006, 32, 643-653.                                  | 4.2 | 27        |
| 30 | Combined diffusion-weighted and spectroscopic MR imaging in Creutzfeldt-Jakob disease. <i>Magnetic Resonance Imaging</i> , 2004, 22, 625-629.  | 1.8 | 26        |
| 31 | Pleomorphic xanthoastrocytoma in elderly patients may portend a poor prognosis. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 476-478.   | 1.5 | 26        |
| 32 | Hemorrhage slices detection in brain CT images. , 2008, , .  |     | 26        |
| 33 | Severe Hypoglycemia Associated with an Illegal Sexual Enhancement Product Adulterated with Glibenclamide: MR Imaging Findings. <i>Radiology</i> , 2009, 250, 193-201.                                  | 7.3 | 26        |
| 34 | Phenotypic bases of <scp><i>NOTCH2NLC</i> GGC</scp> expansion positive neuronal intranuclear inclusion disease in a Southeast Asian cohort. <i>Clinical Genetics</i> , 2020, 98, 274-281.              | 2.0 | 25        |
| 35 | A distributed parameter model of cerebral blood-tissue exchange with account of capillary transit time distribution. <i>NeuroImage</i> , 2006, 30, 426-435.  | 4.2 | 24        |
| 36 | Magnetic Resonance Spectroscopy in Adult-Onset Citrullinemia. <i>Archives of Neurology</i> , 2007, 64, 1034.   | 4.5 | 24        |

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|----|---|------|-----------|
| 37 | Pendular Nystagmus and Palatomyoclonus from Hypertrophic Olivary Degeneration. <i>New England Journal of Medicine</i> , 2009, 360, e12.   | 27.0 | 23        |
| 38 | Histogram Analysis Parameters Apparent Diffusion Coefficient for Distinguishing High and Low-Grade Meningiomas: A Multicenter Study. <i>Translational Oncology</i> , 2018, 11, 1074-1079.                       | 3.7  | 23        |
| 39 | Diffusion-weighted MRI abnormalities in an outbreak of <i>Streptococcus agalactiae</i> Serotype III, multilocus sequence type 283 meningitis. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 45, 507-514. | 3.4  | 21        |
| 40 | Neuroimaging in Postinfectious Demyelination and Nutritional Disorders of the Central Nervous System. <i>Neuroimaging Clinics of North America</i> , 2011, 21, 843-858.   | 1.0  | 20        |
| 41 | Creutzfeldt-Jakob disease: Which diffusion-weighted imaging abnormality is associated with periodic EEG complexes?. <i>Journal of Neurology</i> , 2008, 255, 1411-1414.   | 3.6  | 19        |
| 42 | Text Mining in Radiology Reports. , 2008, , .   |      | 18        |
| 43 | Automatic detection and quantification of brain midline shift using anatomical marker model. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 1-14.   | 5.8  | 18        |
| 44 | Providing Optimal Radiology Service in the Severe Acute Respiratory Syndrome Outbreak: Use of Mobile CT. <i>American Journal of Roentgenology</i> , 2004, 182, 57-60.   | 2.2  | 17        |
| 45 | My Headache Does Not Get Better When I Lie Down: Spontaneous Intracranial Hypotension Complicated by Venous Thrombosis. <i>Headache</i> , 2008, 48, 149-152.  | 3.9  | 17        |
| 46 | Targeting regions with highest lipid content on MR spectroscopy may improve diagnostic yield in stereotactic biopsy. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 502-506.                               | 1.5  | 17        |
| 47 | Craniospinal dissemination in teratocarcinosarcoma. <i>Journal of Neurosurgery</i> , 2008, 109, 321-324.  | 1.6  | 17        |
| 48 | Identifying patients with neuronal intranuclear inclusion disease in Singapore using characteristic diffusion-weighted MR images. <i>Neuroradiology</i> , 2019, 61, 1281-1290.                                  | 2.2  | 17        |
| 49 | Multi-voxel MR spectroscopic imaging of the brain: utility in clinical setting-initial results. <i>European Journal of Radiology</i> , 2005, 55, 401-408.   | 2.6  | 15        |
| 50 | Disseminated spread of recurrent oligodendroglioma (WHO Grade II). <i>Journal of Clinical Neuroscience</i> , 2006, 13, 602-607.   | 1.5  | 14        |
| 51 | MRI features in children with desmoplastic medulloblastoma. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 281-285.  | 1.5  | 14        |
| 52 | MRI in spinal cord decompression sickness. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2012, 56, 282-288.  | 1.8  | 13        |
| 53 | Spinal epidural haematoma: MRI-aided diagnosis. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 92-94.   | 1.5  | 12        |
| 54 | DIFFUSION TENSOR TRACTOGRAPHY. <i>Neurosurgery</i> , 2008, 63, 452-459.   | 1.1  | 11        |

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|----|---|------|-----------|
| 55 | Embolic stroke associated with injection of buprenorphine tablets. <i>Neurology</i> , 2009, 73, 876-879.  | 1.1  | 11        |
| 56 | CT Fluid-Blood Levels in COVID-19 Intracranial Hemorrhage. <i>American Journal of Neuroradiology</i> , 2020, 41, E76-E77.   | 2.4  | 11        |
| 57 | Multimedia Extension of Medical Imaging Resource Center Teaching Files. <i>Radiographics</i> , 2005, 25, 1699-1708.   | 3.3  | 10        |
| 58 | Decompression Sickness: MRI of the Spinal Cord. <i>Journal of Neuroimaging</i> , 2007, 17, 378-380.   | 2.0  | 10        |
| 59 | Magnetic resonance imaging findings in bilateral basal ganglia lesions. <i>Annals of the Academy of Medicine, Singapore</i> , 2009, 38, 795-8.  | 0.4  | 10        |
| 60 | NOTCH2NLC-linked neuronal intranuclear inclusion body disease and fragile X-associated tremor/ataxia syndrome. <i>Brain</i> , 2020, 143, e69-e69.   | 7.6  | 9         |
| 61 | Imaging Collateral Circulation. <i>Archives of Neurology</i> , 2005, 62, 492.   | 4.5  | 7         |
| 62 | Ex-vivo NMR of unprocessed tissue in water: a simplified procedure for studying intracranial neoplasms. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 2153-2159.   | 3.7  | 7         |
| 63 | Neuroimaging in Zoonotic Outbreaks Affecting the Central Nervous System: Are We Fighting the Last War?. <i>American Journal of Neuroradiology</i> , 2020, 41, 1760-1767.  | 2.4  | 7         |
| 64 | Elevated Thyroid Peroxidase Antibodies with Encephalopathy in MELAS Syndrome. <i>Pediatric Neurology</i> , 2007, 36, 414-417.   | 2.1  | 6         |
| 65 | Lacrimal glands: Size does matter!. <i>Middle East African Journal of Ophthalmology</i> , 2011, 18, 328.  | 0.3  | 6         |
| 66 | Metastatic Chordoma to the Larynx in a Patient Presenting with Hoarseness. <i>Journal of Computer Assisted Tomography</i> , 2000, 24, 339-341.  | 0.9  | 6         |
| 67 | Radiology of Biological Weapons—Old and the New?. <i>Seminars in Roentgenology</i> , 2007, 42, 49-59.   | 0.6  | 5         |
| 68 | An Unusual Outbreak of Hypoglycemia — A Correction. <i>New England Journal of Medicine</i> , 2009, 360, 2482-2483.  | 27.0 | 5         |
| 69 | Fast traumatic brain injury CT slice indexing via anatomical feature classification. , 2010, , .  |      | 5         |
| 70 | Development and Validation of a Deep Learning System for Detection of Active Pulmonary Tuberculosis on Chest Radiographs: Clinical and Technical Considerations. <i>Clinical Infectious Diseases</i> , 2019, 69, 748-750. | 5.8  | 5         |
| 71 | Conventional and advanced MRI evaluation of brain vascular malformations. <i>Journal of Neuroimaging</i> , 2021, 31, 428-445.   | 2.0  | 5         |
| 72 | Automatic Pathology Annotation on Medical Images: A Statistical Machine Translation Framework. , 2010, , .  |      | 4         |

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|----|--|-----|-----------|
| 73 | Progressive Supranuclear Gaze Palsy with Predominant Cerebellar Ataxia: A Case Series with Videos. <i>Journal of Movement Disorders</i> , 2017, 10, 87-91.         | 1.3 | 4         |
| 74 | MRI findings in Susac's syndrome. <i>Neurology</i> , 2004, 63, 761-761.  | 1.1 | 3         |
| 75 | From hemorrhage to midline shift: A new method of tracing the deformed midline in traumatic brain injury ct images. , 2009, , .                                    |     | 3         |
| 76 | MiBank: A web-based integrated medical information system for traumatic brain injury. , 2009, , .  |     | 3         |
| 77 | Finding Distinctive Shape Features for Automatic Hematoma Classification in Head CT Images from Traumatic Brain Injuries. , 2013, , .                              |     | 3         |
| 78 | Automated Prediction of Glasgow Outcome Scale for Traumatic Brain Injury. , 2014, , .  |     | 3         |
| 79 | Soft tissue chondroma mimicking "dumbbell" neurogenic tumour: A rare cause of lumbar radiculopathy. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1073-1074. | 1.5 | 3         |
| 80 | Clandestine charisma of the charm needles: a radiologist's challenge. <i>Emergency Radiology</i> , 2017, 24, 427-430.  | 1.8 | 3         |
| 81 | Speckled brain lesions in Incontinentia Pigmenti patients with acquired brain syndromes. <i>European Journal of Paediatric Neurology</i> , 2021, 33, 106-111.      | 1.6 | 2         |
| 82 | Clinics in diagnostic imaging (153). <i>Singapore Medical Journal</i> , 2014, 55, 393-397.   | 0.6 | 2         |
| 83 | Unsupervised medical image classification by combining case-based classifiers. <i>Studies in Health Technology and Informatics</i> , 2013, 192, 739-43.            | 0.3 | 2         |
| 84 | Automated prognosis analysis for traumatic brain injury CT images. , 2015, , .   |     | 1         |
| 85 | Teaching NeuroImages: Hypothalamic hamartoma and polydactyly. <i>Neurology</i> , 2019, 93, e1016-e1017.  | 1.1 | 1         |
| 86 | "No Man is an Island" John Donne. <i>American Journal of Neuroradiology</i> , 2020, 41, E40-E40.   | 2.4 | 1         |
| 87 | CT and Picture Archiving and Communication Systems: Radiology Response to the SARS Outbreak [letter]. <i>Radiology</i> , 2003, 228, 901-901.                       | 7.3 | 0         |
| 88 | Typical MRI Features in Spontaneous Intracranial Hypotension: A Rare Cause of Headache. <i>Orthodontic Journal of Nepal</i> , 2012, 1, 45-51.                      | 0.1 | 0         |
| 89 | Radiology Transitions in the Lion City. <i>Radiology</i> , 2016, 278, 961-962.   | 7.3 | 0         |
| 90 | Letter re: Zoonotic bacterial meningitis in human adults. <i>Neurology</i> , 2017, 88, 1295-1295.  | 1.1 | 0         |

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|----|---|-----|-----------|
| 91 | Unilateral basal ganglia restricted diffusion in anti-leucine-rich glioma-inactivated A1 encephalitis mimicking cerebral infarction: A report on two cases and literature review. Clinical and Experimental Neuroimmunology, 0, , . | 1.0 | 0         |