

Yimei Li

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,074
citations

471371

17
h-index

477173

29
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docs citations

73
times ranked

1791
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Inference for Set-Based Effects in Genetic Association Studies with Interval-Censored Outcomes. <i>Biometrics</i> , 2023, 79, 1573-1585. | 0.8 | 0 |
| 2 | Sample size calculation for recurrent event data with additive rates models. <i>Pharmaceutical Statistics</i> , 2022, 21, 89-102. | 0.7 | 1 |
| 3 | Association Between Brain Substructure Dose and Cognitive Outcomes in Children With Medulloblastoma Treated on SJMB03: A Step Toward Substructure-Informed Planning. <i>Journal of Clinical Oncology</i> , 2022, 40, 83-95. | 0.8 | 15 |
| 4 | Pre- and Posttherapy Risk Factors for Vasculopathy in Pediatric Patients With Craniopharyngioma Treated With Surgery and Proton Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 152-160. | 0.4 | 6 |
| 5 | Toward MR-only proton therapy planning for pediatric brain tumors: Synthesis of relative proton stopping power images with multiple sequence MRI and development of an online quality assurance tool. <i>Medical Physics</i> , 2022, 49, 1559-1570. | 1.6 | 6 |
| 6 | Pretreatment Normal WM Magnetization Transfer Ratio Predicts Risk of Radiation Necrosis in Patients with Medulloblastoma. <i>American Journal of Neuroradiology</i> , 2022, 43, 299-303. | 1.2 | 1 |
| 7 | Carboplatin During Craniospinal Radiotherapy for Children With Group 3 Medulloblastoma—A New Standard of Care?—Reply. <i>JAMA Oncology</i> , 2022, 8, 302. | 3.4 | 1 |
| 8 | Proton magnetic resonance spectroscopy detects cerebral metabolic derangement in a mouse model of brain coenzyme a deficiency. <i>Journal of Translational Medicine</i> , 2022, 20, 103. | 1.8 | 3 |
| 9 | MRI sequences and interslice gap influence leptomeningeal metastasis detection in children with brain tumors. <i>Neuroradiology</i> , 2022, , 1. | 1.1 | 0 |
| 10 | Alzheimer's Disease Classification Through Imaging Genetic Data With IGnet. <i>Frontiers in Neuroscience</i> , 2022, 16, 846638. | 1.4 | 4 |
| 11 | Low-dose ketamine infusions reduce opioid use in pediatric and young adult oncology patients. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29693. | 0.8 | 6 |
| 12 | Risk factors associated with metastatic site failure in patients with high-risk neuroblastoma. <i>Clinical and Translational Radiation Oncology</i> , 2022, 34, 42-50. | 0.9 | 2 |
| 13 | Endocrine outcomes after limited surgery and conformal photon radiation therapy for pediatric craniopharyngioma: Long-term results from the RT1 protocol. <i>Neuro-Oncology</i> , 2022, 24, 2210-2220. | 0.6 | 7 |
| 14 | Limited surgery and conformal photon radiation therapy for pediatric craniopharyngioma: long-term results from the RT1 protocol. <i>Neuro-Oncology</i> , 2022, 24, 2200-2209. | 0.6 | 13 |
| 15 | MEDB-69. Clinical and molecular meta-analysis of three major medulloblastoma clinical trials (ACNS0331, SJMB03, ACNS0332) uncovers novel strategies to improve risk-stratified therapy. <i>Neuro-Oncology</i> , 2022, 24, i122-i122. | 0.6 | 1 |
| 16 | QOL-13. Impact of hearing loss on neuropsychological functioning in children treated for medulloblastoma: A report from the Children's Oncology Group (COG). <i>Neuro-Oncology</i> , 2022, 24, i136-i136. | 0.6 | 0 |
| 17 | Risk-adapted local therapy and intensive chemotherapy in patients with high-risk rhabdomyosarcoma.. <i>Journal of Clinical Oncology</i> , 2022, 40, 10031-10031. | 0.8 | 0 |
| 18 | Targeting KDM4 for treating PAX3-FOXO1-driven alveolar rhabdomyosarcoma. <i>Science Translational Medicine</i> , 2022, 14, . | 5.8 | 16 |

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|----|---|-----|-----------|
| 19 | Regression Analysis of Mixed Panel-Count Data with Application to Cancer Studies. <i>Statistics in Biosciences</i> , 2021, 13, 178-195. | 0.6 | 1 |
| 20 | Maximum likelihood estimation for the proportional odds model with mixed interval-censored failure time data. <i>Journal of Applied Statistics</i> , 2021, 48, 1496-1512. | 0.6 | 3 |
| 21 | Stereotactic Body Radiation Therapy for Metastatic and Recurrent Solid Tumors in Children and Young Adults. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1396-1405. | 0.4 | 12 |
| 22 | Effect of Propranolol on 18F-Fluorodeoxyglucose Uptake in Brown Adipose Tissue in Children and Young Adults with Neoplastic Diseases. <i>Molecular Imaging and Biology</i> , 2021, 23, 260-269. | 1.3 | 8 |
| 23 | Ultrasound has limited diagnostic utility in children with acute lymphoblastic leukemia developing pancreatitis. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28730. | 0.8 | 7 |
| 24 | Diffusion Tensor Imaging-Based Analysis of Baseline Neurocognitive Function and Posttreatment White Matter Changes in Pediatric Patients With Craniopharyngioma Treated With Surgery and Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 515-526. | 0.4 | 7 |
| 25 | Proton therapy delivery method affects dose-averaged linear energy transfer in patients. <i>Physics in Medicine and Biology</i> , 2021, 66, 074003. | 1.6 | 3 |
| 26 | Lidocaine infusions and reduced opioid consumption—Retrospective experience in pediatric hematology and oncology patients with refractory pain. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29215. | 0.8 | 8 |
| 27 | Children's Oncology Group Phase III Trial of Reduced-Dose and Reduced-Volume Radiotherapy With Chemotherapy for Newly Diagnosed Average-Risk Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2021, 39, 2685-2697. | 0.8 | 91 |
| 28 | [11C]-Methionine PET for Identification of Pediatric High-Grade Glioma Recurrence. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.120.261891. | 2.8 | 4 |
| 29 | Efficacy of Carboplatin and Isotretinoin in Children With High-risk Medulloblastoma. <i>JAMA Oncology</i> , 2021, 7, 1313. | 3.4 | 61 |
| 30 | Anatomic Neuroimaging Characteristics of Posterior Fossa Type A Ependymoma Subgroups. <i>American Journal of Neuroradiology</i> , 2021, 42, 2245-2250. | 1.2 | 9 |
| 31 | Developmental patterns of CBF and BOLD responses to visual stimulus. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 630-640. | 2.4 | 2 |
| 32 | Patient and Caregiver Attitudes Towards Gene Therapy for Sickle Cell Disease: A Need for Partnership and Education. <i>Blood</i> , 2021, 138, 918-918. | 0.6 | 1 |
| 33 | Group sequential design for historical control trials using error spending functions. <i>Journal of Biopharmaceutical Statistics</i> , 2020, 30, 351-363. | 0.4 | 1 |
| 34 | Defining Optimal Target Volumes of Conformal Radiation Therapy for Diffuse Intrinsic Pontine Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 838-847. | 0.4 | 7 |
| 35 | Statistical analysis of clustered mixed recurrent-event data with application to a cancer survivor study. <i>Lifetime Data Analysis</i> , 2020, 26, 820-832. | 0.4 | 3 |
| 36 | Clinical, imaging, and molecular analysis of pediatric pontine tumors lacking characteristic imaging features of DIPG. <i>Acta Neuropathologica Communications</i> , 2020, 8, 57. | 2.4 | 32 |

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|----|--|------|-----------|
| 37 | MRI Patterns of Extrapontine Lesion Extension in Diffuse Intrinsic Pontine Gliomas. American Journal of Neuroradiology, 2020, 41, 323-330. | 1.2 | 11 |
| 38 | Radiation dose response of neurologic symptoms during conformal radiotherapy for diffuse intrinsic pontine glioma. Journal of Neuro-Oncology, 2020, 147, 195-203. | 1.4 | 5 |
| 39 | Evaluation of ^{11}C -Methionine PET and Anatomic MRI Associations in Diffuse Intrinsic Pontine Glioma. Journal of Nuclear Medicine, 2019, 60, 312-319. | 2.8 | 18 |
| 40 | Reduced brain microstructural asymmetry in patients with childhood leukemia treated with chemotherapy compared with healthy controls. PLoS ONE, 2019, 14, e0216554. | 1.1 | 6 |
| 41 | Curative-intent radiotherapy for pediatric osteosarcoma: The St. Jude experience. Pediatric Blood and Cancer, 2019, 66, e27763. | 0.8 | 17 |
| 42 | Cognitive Performance, Aerobic Fitness, Motor Proficiency, and Brain Function Among Children Newly Diagnosed With Craniopharyngioma. Journal of the International Neuropsychological Society, 2019, 25, 413-425. | 1.2 | 11 |
| 43 | Automatic image processing pipeline for tracking longitudinal vessel changes in magnetic resonance angiography. Journal of Magnetic Resonance Imaging, 2019, 50, 1063-1074. | 1.9 | 6 |
| 44 | Implications of Image-Defined Risk Factors and Primary-Site Response on Local Control and Radiation Treatment Delivery in the Management of High-Risk Neuroblastoma: Is There a Role for De-escalation of Adjuvant Primary-Site Radiation Therapy?. International Journal of Radiation Oncology Biology Physics, 2019, 103, 869-877. | 0.4 | 10 |
| 45 | MRI Features of Histologically Diagnosed Supratentorial Primitive Neuroectodermal Tumors and Pineoblastomas in Correlation with Molecular Diagnoses and Outcomes: A Report from the Children's Oncology Group ACNS0332 Trial. American Journal of Neuroradiology, 2019, 40, 1796-1803. | 1.2 | 11 |
| 46 | Supplemental glucocorticoids and anesthesia for noninvasive indications in children with central adrenal insufficiency: A retrospective study. Paediatric Anaesthesia, 2019, 29, 292-294. | 0.6 | 4 |
| 47 | Selective modulation of the androgen receptor AF2 domain rescues degeneration in spinal bulbar muscular atrophy. Nature Medicine, 2018, 24, 427-437. | 15.2 | 35 |
| 48 | A Semiparametric Likelihood-based Method for Regression Analysis of Mixed Panel-count Data. Biometrics, 2018, 74, 488-497. | 0.8 | 9 |
| 49 | ^{11}C -Methionine positron emission tomography delineates non-contrast enhancing tumor regions at high risk for recurrence in pediatric high-grade glioma. Journal of Neuro-Oncology, 2017, 132, 163-170. | 1.4 | 19 |
| 50 | Analysis of a fixed center effect additive rates model for recurrent event data. Computational Statistics and Data Analysis, 2017, 112, 186-197. | 0.7 | 6 |
| 51 | Measurable Supratentorial White Matter Volume Changes in Patients with Diffuse Intrinsic Pontine Glioma Treated with an Anti-Vascular Endothelial Growth Factor Agent, Steroids, and Radiation. American Journal of Neuroradiology, 2017, 38, 1235-1241. | 1.2 | 7 |
| 52 | Prognostic Relevance of Treatment Failure Patterns in Pediatric High-Grade Glioma: Is There a Role for a Revised Failure Classification System?. International Journal of Radiation Oncology Biology Physics, 2017, 99, 450-458. | 0.4 | 8 |
| 53 | Quantification of Pediatric Abdominal Organ Motion With a 4-Dimensional Magnetic Resonance Imaging Method. International Journal of Radiation Oncology Biology Physics, 2017, 99, 227-237. | 0.4 | 24 |
| 54 | Disrupted development and integrity of frontal white matter in patients treated for pediatric medulloblastoma. Neuro-Oncology, 2017, 19, 1408-1418. | 0.6 | 27 |

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|----|--|-----|-----------|
| 55 | Risk factors associated with metastatic site failure in patients with high-risk neuroblastoma.. Journal of Clinical Oncology, 2017, 35, 10557-10557. | 0.8 | 0 |
| 56 | Orbital Metastasis Is Associated With Decreased Survival in Stage M Neuroblastoma. Pediatric Blood and Cancer, 2016, 63, 627-633. | 0.8 | 12 |
| 57 | Quantitative imaging analysis of posterior fossa ependymoma location in children. Child's Nervous System, 2016, 32, 1441-1447. | 0.6 | 20 |
| 58 | Use of Quantitative Dynamic Contrast-Enhanced Ultrasound to Assess Response to Antiangiogenic Therapy in Children and Adolescents With Solid Malignancies: A Pilot Study. American Journal of Roentgenology, 2016, 206, 933-939. | 1.0 | 32 |
| 59 | Relative ADC and Location Differ between Posterior Fossa Pilocytic Astrocytomas with and without Gangliocytic Differentiation. American Journal of Neuroradiology, 2016, 37, 2370-2375. | 1.2 | 4 |
| 60 | STGP: Spatio-temporal Gaussian process models for longitudinal neuroimaging data. NeuroImage, 2016, 134, 550-562. | 2.1 | 25 |
| 61 | MRI Evaluation of Non-Necrotic T2-Hyperintense Foci in Pediatric Diffuse Intrinsic Pontine Glioma. American Journal of Neuroradiology, 2016, 37, 1930-1937. | 1.2 | 7 |
| 62 | Functional MRI in medulloblastoma survivors supports prophylactic reading intervention during tumor treatment. Brain Imaging and Behavior, 2016, 10, 258-271. | 1.1 | 17 |
| 63 | Spatiotemporal Patterns of Tumor Occurrence in Children with Intraocular Retinoblastoma. PLoS ONE, 2015, 10, e0132932. | 1.1 | 15 |
| 64 | Effects of Surgery and Proton Therapy on Cerebral White Matter of Craniopharyngioma Patients. International Journal of Radiation Oncology Biology Physics, 2015, 93, 64-71. | 0.4 | 20 |
| 65 | Establishing Age-Associated Normative Ranges of the Cerebral ¹⁸ F-FDG Uptake Ratio in Children. Journal of Nuclear Medicine, 2015, 56, 575-579. | 2.8 | 17 |
| 66 | Postoperative cerebral glucose metabolism in pediatric patients receiving proton therapy for craniopharyngioma. Journal of Neurosurgery: Pediatrics, 2015, 16, 567-573. | 0.8 | 11 |
| 67 | JOURNAL CLUB: Distinguishing Osteomyelitis From Ewing Sarcoma on Radiography and MRI. American Journal of Roentgenology, 2015, 205, 640-651. | 1.0 | 46 |
| 68 | MRI-based treatment planning with pseudo CT generated through atlas registration. Medical Physics, 2014, 41, 051711. | 1.6 | 144 |
| 69 | SGPP: spatial Gaussian predictive process models for neuroimaging data. NeuroImage, 2014, 89, 70-80. | 2.1 | 19 |
| 70 | Genomic Analyses of Pneumococci from Children with Sickle Cell Disease Expose Host-Specific Bacterial Adaptations and Deficits in Current Interventions. Cell Host and Microbe, 2014, 15, 587-599. | 5.1 | 57 |
| 71 | The effects of propofol on cerebral perfusion MRI in children. Neuroradiology, 2013, 55, 1049-1056. | 1.1 | 19 |
| 72 | Multiscale adaptive generalized estimating equations for longitudinal neuroimaging data. NeuroImage, 2013, 72, 91-105. | 2.1 | 32 |