

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
g-index

73
all docs

73
docs citations

73
times ranked

1791
citing authors

#	ARTICLE	IF	CITATIONS
1	MRI-based treatment planning with pseudo CT generated through atlas registration. <i>Medical Physics</i> , 2014, 41, 051711.	1.6	144
2	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
3	Efficacy of Carboplatin and Isotretinoin in Children With High-risk Medulloblastoma. <i>JAMA Oncology</i> , 2021, 7, 1313.	3.4	61
4	Genomic Analyses of Pneumococci from Children with Sickle Cell Disease Expose Host-Specific Bacterial Adaptations and Deficits in Current Interventions. <i>Cell Host and Microbe</i> , 2014, 15, 587-599.	5.1	57
5	JOURNAL CLUB: Distinguishing Osteomyelitis From Ewing Sarcoma on Radiography and MRI. <i>American Journal of Roentgenology</i> , 2015, 205, 640-651.	1.0	46
6	Selective modulation of the androgen receptor AF2 domain rescues degeneration in spinal bulbar muscular atrophy. <i>Nature Medicine</i> , 2018, 24, 427-437.	15.2	35
7	Multiscale adaptive generalized estimating equations for longitudinal neuroimaging data. <i>NeuroImage</i> , 2013, 72, 91-105.	2.1	32
8	Use of Quantitative Dynamic Contrast-Enhanced Ultrasound to Assess Response to Antiangiogenic Therapy in Children and Adolescents With Solid Malignancies: A Pilot Study. <i>American Journal of Roentgenology</i> , 2016, 206, 933-939.	1.0	32
9	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
10	Disrupted development and integrity of frontal white matter in patients treated for pediatric medulloblastoma. <i>Neuro-Oncology</i> , 2017, 19, 1408-1418.	0.6	27
11	STGP: Spatio-temporal Gaussian process models for longitudinal neuroimaging data. <i>NeuroImage</i> , 2016, 134, 550-562.	2.1	25
12	Quantification of Pediatric Abdominal Organ Motion With a 4-Dimensional Magnetic Resonance Imaging Method. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 227-237.	0.4	24
13	Effects of Surgery and Proton Therapy on Cerebral White Matter of Craniopharyngioma Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 64-71.	0.4	20
14	Quantitative imaging analysis of posterior fossa ependymoma location in children. <i>Child's Nervous System</i> , 2016, 32, 1441-1447.	0.6	20
15	The effects of propofol on cerebral perfusion MRI in children. <i>Neuroradiology</i> , 2013, 55, 1049-1056.	1.1	19
16	SGPP: spatial Gaussian predictive process models for neuroimaging data. <i>NeuroImage</i> , 2014, 89, 70-80.	2.1	19
17	¹¹ C-Methionine positron emission tomography delineates non-contrast enhancing tumor regions at high risk for recurrence in pediatric high-grade glioma. <i>Journal of Neuro-Oncology</i> , 2017, 132, 163-170.	1.4	19
18	Evaluation of ¹¹ C-Methionine PET and Anatomic MRI Associations in Diffuse Intrinsic Pontine Glioma. <i>Journal of Nuclear Medicine</i> , 2019, 60, 312-319.	2.8	18

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19	Establishing Age-Associated Normative Ranges of the Cerebral ¹⁸ F-FDG Uptake Ratio in Children. <i>Journal of Nuclear Medicine</i> , 2015, 56, 575-579.	2.8	17
20	Functional MRI in medulloblastoma survivors supports prophylactic reading intervention during tumor treatment. <i>Brain Imaging and Behavior</i> , 2016, 10, 258-271.	1.1	17
21	Curative-intent radiotherapy for pediatric osteosarcoma: The St. Jude experience. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27763.	0.8	17
22	Targeting KDM4 for treating PAX3-FOXO1-driven alveolar rhabdomyosarcoma. <i>Science Translational Medicine</i> , 2022, 14, .	5.8	16
23	Spatiotemporal Patterns of Tumor Occurrence in Children with Intraocular Retinoblastoma. <i>PLoS ONE</i> , 2015, 10, e0132932.	1.1	15
24	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
25	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
26	Orbital Metastasis Is Associated With Decreased Survival in Stage M Neuroblastoma. <i>Pediatric Blood and Cancer</i> , 2016, 63, 627-633.	0.8	12
27	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
28	Postoperative cerebral glucose metabolism in pediatric patients receiving proton therapy for craniopharyngioma. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 567-573.	0.8	11
29	Cognitive Performance, Aerobic Fitness, Motor Proficiency, and Brain Function Among Children Newly Diagnosed With Craniopharyngioma. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 413-425.	1.2	11
30	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. <i>American Journal of Neuroradiology</i> , 2019, 40, 1796-1803.	1.2	11
31	MRI Patterns of Extrapontine Lesion Extension in Diffuse Intrinsic Pontine Gliomas. <i>American Journal of Neuroradiology</i> , 2020, 41, 323-330.	1.2	11
32	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?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 869-877.	0.4	10
33	A Semiparametric Likelihood-based Method for Regression Analysis of Mixed Panel-count Data. <i>Biometrics</i> , 2018, 74, 488-497.	0.8	9
34	Anatomic Neuroimaging Characteristics of Posterior Fossa Type A Ependymoma Subgroups. <i>American Journal of Neuroradiology</i> , 2021, 42, 2245-2250.	1.2	9
35	Prognostic Relevance of Treatment Failure Patterns in Pediatric High-Grade Glioma: Is There a Role for a Revised Failure Classification System?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 450-458.	0.4	8
36	Effect of Propranolol on ¹⁸ F-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

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37	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
38	MRI Evaluation of Non-Necrotic T2-Hyperintense Foci in Pediatric Diffuse Intrinsic Pontine Glioma. <i>American Journal of Neuroradiology</i> , 2016, 37, 1930-1937.	1.2	7
39	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. <i>American Journal of Neuroradiology</i> , 2017, 38, 1235-1241.	1.2	7
40	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
41	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
42	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
43	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
44	Analysis of a fixed center effect additive rates model for recurrent event data. <i>Computational Statistics and Data Analysis</i> , 2017, 112, 186-197.	0.7	6
45	Reduced brain microstructural asymmetry in patients with childhood leukemia treated with chemotherapy compared with healthy controls. <i>PLoS ONE</i> , 2019, 14, e0216554.	1.1	6
46	Automatic image processing pipeline for tracking longitudinal vessel changes in magnetic resonance angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1063-1074.	1.9	6
47	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
48	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
49	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
50	Radiation dose response of neurologic symptoms during conformal radiotherapy for diffuse intrinsic pontine glioma. <i>Journal of Neuro-Oncology</i> , 2020, 147, 195-203.	1.4	5
51	Relative ADC and Location Differ between Posterior Fossa Pilocytic Astrocytomas with and without Gangliocytic Differentiation. <i>American Journal of Neuroradiology</i> , 2016, 37, 2370-2375.	1.2	4
52	Supplemental glucocorticoids and anesthesia for noninvasive indications in children with central adrenal insufficiency: A retrospective study. <i>Paediatric Anaesthesia</i> , 2019, 29, 292-294.	0.6	4
53	[11C]-Methionine PET for Identification of Pediatric High-Grade Glioma Recurrence. <i>Journal of Nuclear Medicine</i> , 2021, , jnumed.120.261891.	2.8	4
54	Alzheimer's Disease Classification Through Imaging Genetic Data With IGnet. <i>Frontiers in Neuroscience</i> , 2022, 16, 846638.	1.4	4

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55	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
56	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
57	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
58	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
59	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
60	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
61	Group sequential design for historical control trials using error spending functions. <i>Journal of Biopharmaceutical Statistics</i> , 2020, 30, 351-363.	0.4	1
62	Regression Analysis of Mixed Panel-Count Data with Application to Cancer Studies. <i>Statistics in Biosciences</i> , 2021, 13, 178-195.	0.6	1
63	Sample size calculation for recurrent event data with additive rates models. <i>Pharmaceutical Statistics</i> , 2022, 21, 89-102.	0.7	1
64	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
65	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
66	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
67	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
68	Risk factors associated with metastatic site failure in patients with high-risk neuroblastoma.. <i>Journal of Clinical Oncology</i> , 2017, 35, 10557-10557.	0.8	0
69	Inference for Set-Based Effects in Genetic Association Studies with Interval-Censored Outcomes. <i>Biometrics</i> , 2023, 79, 1573-1585.	0.8	0
70	MRI sequences and interslice gap influence leptomeningeal metastasis detection in children with brain tumors. <i>Neuroradiology</i> , 2022, , 1.	1.1	0
71	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
72	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