

Sridhar Vajapeyam

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,440
citations

304743

22
h-index

361022

35
g-index

38
all docs

38
docs citations

38
times ranked

3033
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Experience Alters Brain Function and Structure. <i>Pediatrics</i> , 2004, 113, 846-857.	2.1	735
2	Lack of Efficacy of Bevacizumab Plus Irinotecan in Children With Recurrent Malignant Glioma and Diffuse Brainstem Glioma: A Pediatric Brain Tumor Consortium Study. <i>Journal of Clinical Oncology</i> , 2010, 28, 3069-3075.	1.6	178
3	Efficacy of bevacizumab plus irinotecan in children with recurrent low-grade gliomas—a Pediatric Brain Tumor Consortium study. <i>Neuro-Oncology</i> , 2014, 16, 310-317.	1.2	132
4	Bone marrow changes in adolescent girls with anorexia nervosa. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 298-304.	2.8	130
5	White Matter Microstructure and Cognition in Adolescents with Congenital Heart Disease. <i>Journal of Pediatrics</i> , 2014, 165, 936-944.e2.	1.8	115
6	Biexponential diffusion tensor analysis of human brain diffusion data. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 321-330.	3.0	90
7	MRI as a central component of clinical trials analysis in brainstem glioma: a report from the Pediatric Brain Tumor Consortium (PBTC). <i>Neuro-Oncology</i> , 2011, 13, 417-427.	1.2	89
8	MR Imaging-Based Radiomic Signatures of Distinct Molecular Subgroups of Medulloblastoma. <i>American Journal of Neuroradiology</i> , 2019, 40, 154-161.	2.4	87
9	The use of magnetic resonance imaging to predict ACL graft structural properties. <i>Journal of Biomechanics</i> , 2011, 44, 2843-2846.	2.1	81
10	Adolescents with d-transposition of the great arteries repaired in early infancy demonstrate reduced white matter microstructure associated with clinical risk factors. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 543-549.e1.	0.8	74
11	Biexponential apparent diffusion coefficient parametrization in adult vs newborn brain. <i>Magnetic Resonance Imaging</i> , 2001, 19, 659-668.	1.8	73
12	Normal and Ischemic Epiphysis of the Femur: Diffusion MR Imaging Study in Piglets. <i>Radiology</i> , 2003, 227, 825-832.	7.3	65
13	Phase II study of thalidomide and radiation in children with newly diagnosed brain stem gliomas and glioblastoma multiforme. <i>Journal of Neuro-Oncology</i> , 2007, 82, 95-101.	2.9	61
14	Apparent diffusion coefficient histogram metrics correlate with survival in diffuse intrinsic pontine glioma: a report from the Pediatric Brain Tumor Consortium. <i>Neuro-Oncology</i> , 2016, 18, 725-734.	1.2	60
15	Lack of efficacy of bevacizumab + irinotecan in cases of pediatric recurrent ependymoma—a Pediatric Brain Tumor Consortium study. <i>Neuro-Oncology</i> , 2012, 14, 1404-1412.	1.2	50
16	DTI assessment of the brainstem white matter tracts in pediatric BSG before and after therapy. <i>Child's Nervous System</i> , 2011, 27, 11-18.	1.1	46
17	Evaluation of 18F-FDG PET and MRI Associations in Pediatric Diffuse Intrinsic Brain Stem Glioma: A Report from the Pediatric Brain Tumor Consortium. <i>Journal of Nuclear Medicine</i> , 2011, 52, 188-195.	5.0	44
18	18F-FDG PET and MR Imaging Associations Across a Spectrum of Pediatric Brain Tumors: A Report from the Pediatric Brain Tumor Consortium. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1473-1480.	5.0	34

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19	Bone marrow fat content in 70 adolescent girls with anorexia nervosa: Magnetic resonance imaging and magnetic resonance spectroscopy assessment. <i>Pediatric Radiology</i> , 2017, 47, 952-962.	2.0	34
20	Correlation of ¹⁸ F-FDG PET and MRI Apparent Diffusion Coefficient Histogram Metrics with Survival in Diffuse Intrinsic Pontine Glioma: A Report from the Pediatric Brain Tumor Consortium. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1264-1269.	5.0	34
21	A functional magnetic resonance imaging study of paced finger tapping in children. <i>Pediatric Neurology</i> , 2003, 28, 89-95.	2.1	31
22	Childhood moyamoya disease: hemodynamic MRI. <i>Pediatric Radiology</i> , 1997, 27, 727-735.	2.0	24
23	Pediatric Brain Tumor Consortium Multisite Assessment of Apparent Diffusion Coefficient z-Axis Variation Assessed with an Iceâ€“Water Phantom. <i>Academic Radiology</i> , 2015, 22, 363-369.	2.5	20
24	Fat fractions and spectralT2 values in vertebral bone marrow in HIV- and non-HIV-infected men: A1H spectroscopic imaging study. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 552-558.	3.0	19
25	Exploratory Evaluation of MR Permeability with ¹⁸ F-FDG PET Mapping in Pediatric Brain Tumors: A Report from the Pediatric Brain Tumor Consortium. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1237-1243.	5.0	19
26	Magnetization transfer studies of the fast and slow tissue water diffusion components in the human brain. <i>NMR in Biomedicine</i> , 2005, 18, 186-194.	2.8	18
27	MR Imaging Correlates for Molecular and Mutational Analyses in Children with Diffuse Intrinsic Pontine Glioma. <i>American Journal of Neuroradiology</i> , 2020, 41, 874-881.	2.4	15
28	A phase I trial and PK study of cediranib (AZD2171), an orally bioavailable pan-VEGFR inhibitor, in children with recurrent or refractory primary CNS tumors. <i>Child's Nervous System</i> , 2015, 31, 1433-1445.	1.1	14
29	Advanced ADC Histogram, Perfusion, and Permeability Metrics Show an Association with Survival and Pseudoprogression in Newly Diagnosed Diffuse Intrinsic Pontine Glioma: A Report from the Pediatric Brain Tumor Consortium. <i>American Journal of Neuroradiology</i> , 2020, 41, 718-724.	2.4	14
30	Automated Processing of Dynamic Contrast-Enhanced MRI: Correlation of Advanced Pharmacokinetic Metrics with Tumor Grade in Pediatric Brain Tumors. <i>American Journal of Neuroradiology</i> , 2017, 38, 170-175.	2.4	13
31	Multiparametric Analysis of Permeability and ADC Histogram Metrics for Classification of Pediatric Brain Tumors by Tumor Grade. <i>American Journal of Neuroradiology</i> , 2018, 39, 552-557.	2.4	12
32	Quantifying radiation therapy response using apparent diffusion coefficient (ADC) parametric mapping of pediatric diffuse intrinsic pontine glioma: a report from the pediatric brain tumor consortium. <i>Journal of Neuro-Oncology</i> , 2019, 143, 79-86.	2.9	12
33	Magnetic resonance imaging and spectroscopy evidence of efficacy for adrenal and gonadal hormone replacement therapy in anorexia nervosa. <i>Bone</i> , 2018, 110, 335-342.	2.9	10
34	ADC Histogram Analysis of Pediatric Low-Grade Glioma Treated with Selumetinib: A Report from the Pediatric Brain Tumor Consortium. <i>American Journal of Neuroradiology</i> , 2022, 43, 455-461.	2.4	3
35	Bone density and bone marrow composition in transgender girls prior to pubertal blockade: A case series. <i>Bone</i> , 2022, 162, 116454.	2.9	2
36	Bone marrow adiposity in pediatric Crohn's disease. <i>Bone</i> , 2022, 162, 116453.	2.9	2

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37	DIPG-02. TRANSLATIONAL MR IMAGING CORRELATES FOR MOLECULAR ANALYSES IN DIFFUSE INTRINSIC PONTINE GLIOMA (DIPG). <i>Neuro-Oncology</i> , 2019, 21, ii68-ii68.	1.2	0