

Gilbert Vezina

List of Publications by Year in descending order

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46
papers

1,500
citations

430874

18
h-index

330143

37
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47
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47
docs citations

47
times ranked

2405
citing authors

#	ARTICLE	IF	CITATIONS
1	Selumetinib in paediatric patients with BRAF-aberrant or neurofibromatosis type 1-associated recurrent, refractory, or progressive low-grade glioma: a multicentre, phase 2 trial. <i>Lancet Oncology</i> , The, 2019, 20, 1011-1022.	10.7	315
2	Choroid plexus carcinoma of childhood. <i>Cancer</i> , 1992, 69, 580-585.	4.1	147
3	Association of Prenatal Maternal Psychological Distress With Fetal Brain Growth, Metabolism, and Cortical Maturation. <i>JAMA Network Open</i> , 2020, 3, e1919940.	5.9	124
4	Brain Volume and Neurobehavior in Newborns with Complex Congenital Heart Defects. <i>Journal of Pediatrics</i> , 2014, 164, 1121-1127.e1.	1.8	93
5	Nonrandomized comparison of neurofibromatosis type 1 and non-neurofibromatosis type 1 children who received carboplatin and vincristine for progressive low-grade glioma: A report from the Children's Oncology Group. <i>Cancer</i> , 2016, 122, 1928-1936.	4.1	90
6	Complex Trajectories of Brain Development in the Healthy Human Fetus. <i>Cerebral Cortex</i> , 2017, 27, 5274-5283.	2.9	85
7	Assessment of the nature and age of subdural collections in nonaccidental head injury with CT and MRI. <i>Pediatric Radiology</i> , 2009, 39, 586-590.	2.0	83
8	Response assessment in medulloblastoma and leptomeningeal seeding tumors: recommendations from the Response Assessment in Pediatric Neuro-Oncology committee. <i>Neuro-Oncology</i> , 2018, 20, 13-23.	1.2	74
9	Response assessment in paediatric high-grade glioma: recommendations from the Response Assessment in Pediatric Neuro-Oncology (RAPNO) working group. <i>Lancet Oncology</i> , The, 2020, 21, e317-e329.	10.7	69
10	Primary spinal cord tumors of childhood: effects of clinical presentation, radiographic features, and pathology on survival. <i>Journal of Neuro-Oncology</i> , 2009, 95, 259-269.	2.9	43
11	Pediatric Fasting Times Before Surgical and Radiologic Procedures: Benchmarking Institutional Practices Against National Standards. <i>Journal of Pediatric Nursing</i> , 2014, 29, 258-267.	1.5	41
12	Thiamine pyrophosphokinase deficiency causes a Leigh Disease like phenotype in a sibling pair: identification through whole exome sequencing and management strategies. <i>Molecular Genetics and Metabolism Reports</i> , 2014, 1, 66-70.	1.1	30
13	Elucidating Metabolic Maturation in the Healthy Fetal Brain Using ¹ H-MR Spectroscopy. <i>American Journal of Neuroradiology</i> , 2016, 37, 360-366.	2.4	30
14	Altered local cerebellar and brainstem development in preterm infants. <i>NeuroImage</i> , 2020, 213, 116702.	4.2	26
15	Association Between Socioeconomic Status and In Utero Fetal Brain Development. <i>JAMA Network Open</i> , 2021, 4, e213526.	5.9	26
16	Association of Elevated Maternal Psychological Distress, Altered Fetal Brain, and Offspring Cognitive and Social-Emotional Outcomes at 18 Months. <i>JAMA Network Open</i> , 2022, 5, e229244.	5.9	25
17	<i>MED23</i> -associated intellectual disability in a non-consanguineous family. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 1374-1380.	1.2	21
18	Neuroimaging of phakomatoses: overview and advances. <i>Pediatric Radiology</i> , 2015, 45, 433-442.	2.0	21

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19	Spinal cord compression in widely metastatic Wilms' tumor. Paraplegia in two children with anaplastic wilms' tumor. <i>Cancer</i> , 1992, 69, 2726-2730.	4.1	16
20	Abnormal glycosylation in Joubert syndrome type 10. <i>Cilia</i> , 2017, 6, 2.	1.8	14
21	Advanced ADC Histogram, Perfusion, and Permeability Metrics Show an Association with Survival and Pseudoprogession 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
22	Identifying an optimal epoch length for spectral analysis of heart rate of critically-ill infants. <i>Computers in Biology and Medicine</i> , 2019, 113, 103391.	7.0	11
23	Early Versus Late Brain Magnetic Resonance Imaging after Neonatal Hypoxic Ischemic Encephalopathy Treated with Therapeutic Hypothermia. <i>Journal of Pediatrics</i> , 2021, 232, 73-79.e2.	1.8	11
24	Non-invasive measurement of biochemical profiles in the healthy fetal brain. <i>NeuroImage</i> , 2020, 219, 117016.	4.2	10
25	MR Spectroscopic Profile of an Angiocentric Glioma. <i>Anticancer Research</i> , 2015, 35, 6267-70.	1.1	8
26	Common carotid artery imaging after vessel sparing decannulation from Extracorporeal Membrane Oxygenation (ECMO) support. <i>Journal of Pediatric Surgery</i> , 2021, 56, 2305-2310.	1.6	7
27	Exploratory Assessment of the Relationship Between Hemoglobin Volume Phase Index, Magnetic Resonance Imaging, and Functional Outcome in Neonates with Hypoxicâ€“Ischemic Encephalopathy. <i>Neurocritical Care</i> , 2020, 35, 121-129.	2.4	6
28	New treatment modalities in NF-related neuroglial tumors. <i>Child's Nervous System</i> , 2020, 36, 2377-2384.	1.1	6
29	Taeniaâ€“tela choroidea complex and choroid plexus location help distinguish Dandy-Walker malformation and Blake pouch cysts. <i>Pediatric Radiology</i> , 2021, 51, 1457-1470.	2.0	6
30	In Utero MRI Identifies Impaired Second Trimester Subplate Growth in Fetuses with Congenital Heart Disease. <i>Cerebral Cortex</i> , 2022, 32, 2858-2867.	2.9	6
31	Tuber Cinereum Diverticula in a 28-Month-Old with Xq21 Deletion Syndrome. <i>Case Reports in Radiology</i> , 2014, 2014, 1-4.	0.3	5
32	Normal Developmental Globe Morphology on Fetal MR Imaging. <i>American Journal of Neuroradiology</i> , 2016, 37, 1733-1737.	2.4	5
33	Serial plasma biomarkers of brain injury in infants with neonatal encephalopathy treated with therapeutic hypothermia. <i>Pediatric Research</i> , 2021, 90, 1228-1234.	2.3	5
34	Congenital malformations of the brain: prenatal and postnatal imaging. <i>Seminars in Roentgenology</i> , 2004, 39, 165-181.	0.6	4
35	Response to Harreld re: â€œResponse assessment in medulloblastoma and leptomeningeal seeding tumors: recommendations from the Response Assessment in Pediatric Neuro-Oncology Committeeâ€“. <i>Neuro-Oncology</i> , 2018, 20, 144-145.	1.2	4
36	Cerebral venous volume changes and pressure autoregulation in critically ill infants. <i>Journal of Perinatology</i> , 2020, 40, 806-811.	2.0	4

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37	Asymptomatic Interhypothalamic Adhesions in Children. American Journal of Neuroradiology, 2016, 37, E35-E35.	2.4	3
38	Reduced subarachnoid fluid diffusion in enlarged subarachnoid spaces of infancy. Neuroradiology Journal, 2017, 30, 418-424.	1.2	3
39	LGG-02. A PHASE II PROSPECTIVE TRIAL OF SELUMETINIB IN CHILDREN WITH RECURRENT/PROGRESSIVE PEDIATRIC LOW-GRADE GLIOMA (PLGG) WITH A FOCUS UPON OPTIC PATHWAY/HYPOTHALAMIC TUMORS AND VISUAL ACUITY OUTCOMES: A PEDIATRIC BRAIN TUMOR CONSORTIUM (PBTC) STUDY, PBTC-029B. Neuro-Oncology, 2019, 21, ii98-ii99.	1.2	3
40	ADC Histogram Analysis of Pediatric Low-Grade Glioma Treated with Selumetinib: A Report from the Pediatric Brain Tumor Consortium. American Journal of Neuroradiology, 2022, 43, 455-461.	2.4	3
41	Prolonged Complete Response in a Pediatric Patient With Primary Peripheral T-Cell Lymphoma of the Central Nervous System. Pediatric Hematology and Oncology, 2015, 32, 529-534.	0.8	2
42	Clinical course of a fetus with hypoplastic left heart syndrome and premature ductal constriction. Cardiology in the Young, 2019, 29, 216-218.	0.8	1
43	Cingulate Apparent Diffusion Coefficient measurements in children with Neurofibromatosis type 1. Journal of Pediatric Neuroradiology, 2015, 03, 121-126.	0.1	0
44	Pediatric Neuroradiology Pre-Call Primer. MedEdPORTAL: the Journal of Teaching and Learning Resources, 0, , .	1.2	0
45	MBCL-15. IMPACT OF MOLECULAR SUBGROUPS ON OUTCOMES FOLLOWING RADIATION TREATMENT RANDOMIZATIONS FOR AVERAGE RISK MEDULLOBLASTOMA: A PLANNED ANALYSIS OF CHILDREN'S ONCOLOGY GROUP (COG) ACNS0331. Neuro-Oncology, 2020, 22, iii391-iii391.	1.2	0
46	Congenital Cystic Neck Mass in a 2-Month-Old Infant. JAMA Otolaryngology - Head and Neck Surgery, 0, , .	2.2	0