

Wilburn E Reddick

List of Publications by Year in descending order

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62
papers

4,226
citations

172457

29
h-index

133252

59
g-index

63
all docs

63
docs citations

63
times ranked

5281
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-Based Differences in Functional Brain Activity During Working Memory in Survivors of Pediatric Acute Lymphoblastic Leukemia. JNCI Cancer Spectrum, 2022, 6, .	2.9	4
2	Modified Diffusion Tensor Image Processing Pipeline for Archived Studies of Patients With Leukoencephalopathy. Journal of Magnetic Resonance Imaging, 2021, 54, 997-1008.	3.4	0
3	Multi-site, multi-platform comparison of MRI T1 measurement using the system phantom. PLoS ONE, 2021, 16, e0252966.	2.5	20
4	Structural and Functional Brain Imaging in Long-Term Survivors of Childhood Acute Lymphoblastic Leukemia Treated With Chemotherapy: A Systematic Review. JNCI Cancer Spectrum, 2021, 5, pkab069.	2.9	8
5	Early Imaging-Based Predictive Modeling of Cognitive Performance Following Therapy for Childhood ALL. IEEE Access, 2019, 7, 146662-146674.	4.2	4
6	Reduced brain microstructural asymmetry in patients with childhood leukemia treated with chemotherapy compared with healthy controls. PLoS ONE, 2019, 14, e0216554.	2.5	6
7	¹⁸ F-FDG Uptake During Early Adjuvant Chemotherapy Predicts Histologic Response in Pediatric and Young Adult Patients with Osteosarcoma. Journal of Nuclear Medicine, 2018, 59, 25-30.	5.0	39
8	The Impact of Persistent Leukoencephalopathy on Brain White Matter Microstructure in Long-Term Survivors of Acute Lymphoblastic Leukemia Treated with Chemotherapy Only. American Journal of Neuroradiology, 2018, 39, 1919-1925.	2.4	19
9	Neurocognitive outcomes among children who experienced seizures during treatment for acute lymphoblastic leukemia. Pediatric Blood and Cancer, 2017, 64, e26436.	1.5	18
10	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.	2.4	7
11	Disrupted development and integrity of frontal white matter in patients treated for pediatric medulloblastoma. Neuro-Oncology, 2017, 19, 1408-1418.	1.2	27
12	The challenge of mapping the human connectome based on diffusion tractography. Nature Communications, 2017, 8, 1349.	12.8	956
13	Subcortical brain volumes and neurocognitive function in survivors of childhood acute lymphoblastic leukemia (ALL) treated with chemotherapy-only.. Journal of Clinical Oncology, 2017, 35, 10517-10517.	1.6	1
14	Biomarkers of brain injury and neurologic outcomes in children treated with chemotherapy for acute lymphoblastic leukemia (ALL).. Journal of Clinical Oncology, 2017, 35, 10521-10521.	1.6	0
15	Application of probabilistic fiber-tracking method of MR imaging to measure impact of cranial irradiation on structural brain connectivity in children treated for medulloblastoma. , 2016, , .		1
16	Reply to S. Kaur et al. Journal of Clinical Oncology, 2016, 34, 3708-3709.	1.6	0
17	Leukoencephalopathy and long-term neurobehavioural, neurocognitive, and brain imaging outcomes in survivors of childhood acute lymphoblastic leukaemia treated with chemotherapy: a longitudinal analysis. Lancet Haematology,the, 2016, 3, e456-e466.	4.6	96
18	Fast frequency-sweep spectroscopic imaging with an ultra-low flip angle. Scientific Reports, 2016, 6, 30066.	3.3	2

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19	Chemotherapy Pharmacodynamics and Neuroimaging and Neurocognitive Outcomes in Long-Term Survivors of Childhood Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2016, 34, 2644-2653.	1.6	104
20	MRI Evaluation of Non-Necrotic T2-Hyperintense Foci in Pediatric Diffuse Intrinsic Pontine Glioma. <i>American Journal of Neuroradiology</i> , 2016, 37, 1930-1937.	2.4	7
21	Longitudinal Assessment of Neurocognitive Outcomes in Survivors of Childhood Acute Lymphoblastic Leukemia Treated on a Contemporary Chemotherapy Protocol. <i>Journal of Clinical Oncology</i> , 2016, 34, 1239-1247.	1.6	116
22	Comparing segmented ASL perfusion of vascular territories using manual versus semiautomated techniques in children with sickle cell anemia. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 439-446.	3.4	8
23	Assessing vascular effects of adding bevacizumab to neoadjuvant chemotherapy in osteosarcoma using DCE-MRI. <i>British Journal of Cancer</i> , 2015, 113, 1282-1288.	6.4	29
24	Delayed methotrexate excretion in infants and young children with primary central nervous system tumors and postoperative fluid collections. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 75, 27-35.	2.3	25
25	Elevated Cerebral Blood Volume Contributes to Increased FLAIR Signal in the Cerebral Sulci of Propofol-Sedated Children. <i>American Journal of Neuroradiology</i> , 2014, 35, 1574-1579.	2.4	10
26	Prognostic factors that increase the risk for reduced white matter volumes and deficits in attention and learning for survivors of childhood cancers. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1074-1079.	1.5	91
27	Incidental detection of late subsequent intracranial neoplasms with magnetic resonance imaging among adult survivors of childhood cancer. <i>Journal of Cancer Survivorship</i> , 2014, 8, 329-335.	2.9	15
28	“Occult” post-contrast signal enhancement in pediatric diffuse intrinsic pontine glioma is the MRI marker of angiogenesis?. <i>Neuroradiology</i> , 2014, 56, 405-412.	2.2	25
29	Methotrexate-Induced Neurotoxicity and Leukoencephalopathy in Childhood Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2014, 32, 949-959.	1.6	275
30	Cerebral glucose metabolism on positron emission tomography of children. <i>Human Brain Mapping</i> , 2014, 35, 2297-2309.	3.6	32
31	Diffusion tensor imaging and neurocognition in survivors of childhood acute lymphoblastic leukaemia. <i>Brain</i> , 2014, 137, 2973-2983.	7.6	85
32	The relationship between working memory and cerebral white matter volume in survivors of childhood brain tumors treated with conformal radiation therapy. <i>Journal of Neuro-Oncology</i> , 2014, 119, 197-205.	2.9	34
33	Comment on Smithson et al.’s review of stimulant medication usage to improve neurocognitive and learning outcomes in childhood brain tumour survivors. <i>European Journal of Cancer</i> , 2014, 50, 1566-1568.	2.8	3
34	The effects of propofol on cerebral perfusion MRI in children. <i>Neuroradiology</i> , 2013, 55, 1049-1056.	2.2	19
35	Phase I and Clinical Pharmacology Study of Bevacizumab, Sorafenib, and Low-Dose Cyclophosphamide in Children and Young Adults with Refractory/Recurrent Solid Tumors. <i>Clinical Cancer Research</i> , 2013, 19, 236-246.	7.0	64
36	Evaluation of Memory Impairment in Aging Adult Survivors of Childhood Acute Lymphoblastic Leukemia Treated With Cranial Radiotherapy. <i>Journal of the National Cancer Institute</i> , 2013, 105, 899-907.	6.3	86

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37	Genetic Mediators of Neurocognitive Outcomes in Survivors of Childhood Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2013, 31, 2182-2188.	1.6	80
38	Multi-slice myelin water imaging for practical clinical applications at 3.0 T. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 813-822.	3.0	26
39	White matter integrity is associated with cognitive processing in patients treated for a posterior fossa brain tumor. <i>Neuro-Oncology</i> , 2012, 14, 1185-1193.	1.2	74
40	Cerebral white matter integrity and executive function in adult survivors of childhood medulloblastoma. <i>Neuro-Oncology</i> , 2012, 14, iv25-iv36.	1.2	82
41	Neurocognitive Function and CNS Integrity in Adult Survivors of Childhood Hodgkin Lymphoma. <i>Journal of Clinical Oncology</i> , 2012, 30, 3618-3624.	1.6	99
42	Cognitive Outcomes Following Contemporary Treatment Without Cranial Irradiation for Childhood Acute Lymphoblastic Leukemia. <i>Journal of the National Cancer Institute</i> , 2012, 104, 1386-1395.	6.3	132
43	Working Memory Performance among Childhood Brain Tumor Survivors. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 996-1005.	1.8	53
44	Dynamic contrast-enhanced magnetic resonance imaging as a prognostic factor in predicting event-free and overall survival in pediatric patients with osteosarcoma. <i>Cancer</i> , 2012, 118, 3776-3785.	4.1	95
45	Retrospective Evaluation of PET-MRI Registration Algorithms. <i>Journal of Digital Imaging</i> , 2011, 24, 485-493.	2.9	21
46	Quantitative Diffusion-Weighted and Dynamic Susceptibility-Weighted Contrast-Enhanced Perfusion MR Imaging Analysis of T2 Hypointense Lesion Components in Pediatric Diffuse Intrinsic Pontine Glioma. <i>American Journal of Neuroradiology</i> , 2011, 32, 315-322.	2.4	62
47	Phase I study of bevacizumab, sorafenib, and low-dose cyclophosphamide (CYC) in children and young adults with refractory solid tumors. <i>Journal of Clinical Oncology</i> , 2011, 29, 9500-9500.	1.6	2
48	Regional White Matter Anisotropy and Reading Ability in Patients Treated for Pediatric Embryonal Tumors. <i>Brain Imaging and Behavior</i> , 2010, 4, 132-140.	2.1	14
49	Attention and working memory abilities in children treated for acute lymphoblastic leukemia. <i>Cancer</i> , 2010, 116, 4638-4645.	4.1	74
50	Long-Term Efficacy of Methylphenidate in Enhancing Attention Regulation, Social Skills, and Academic Abilities of Childhood Cancer Survivors. <i>Journal of Clinical Oncology</i> , 2010, 28, 4465-4472.	1.6	121
51	Cerebellocerebral Diaschisis Is the Likely Mechanism of Postsurgical Posterior Fossa Syndrome in Pediatric Patients with Midline Cerebellar Tumors. <i>American Journal of Neuroradiology</i> , 2010, 31, 288-294.	2.4	104
52	Impact of acute lymphoblastic leukemia therapy on attention and working memory in children. <i>Expert Review of Hematology</i> , 2010, 3, 655-659.	2.2	24
53	Voxel-Based Analysis of T2 Hyperintensities in White Matter during Treatment of Childhood Leukemia. <i>American Journal of Neuroradiology</i> , 2009, 30, 1947-1954.	2.4	33
54	Quantitative morphologic evaluation of magnetic resonance imaging during and after treatment of childhood leukemia. <i>Neuroradiology</i> , 2007, 49, 889-904.	2.2	25

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55	Smaller white-matter volumes are associated with larger deficits in attention and learning among long-term survivors of acute lymphoblastic leukemia. <i>Cancer</i> , 2006, 106, 941-949.	4.1	171
56	Atypical white matter volume development in children following craniospinal irradiation. <i>Neuro-Oncology</i> , 2005, 7, 12-19.	1.2	103
57	Developmental model relating white matter volume to neurocognitive deficits in pediatric brain tumor survivors. <i>Cancer</i> , 2003, 97, 2512-2519.	4.1	245
58	Quantitative MRI assessment of leukoencephalopathy. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 912-920.	3.0	28
59	Dynamic magnetic resonance imaging of regional contrast access as an additional prognostic factor in pediatric osteosarcoma. <i>Cancer</i> , 2001, 91, 2230-2237.	4.1	2
60	Subtle white matter volume differences in children treated for medulloblastoma with conventional or reduced dose craniospinal irradiation†. <i>Magnetic Resonance Imaging</i> , 2000, 18, 787-793.	1.8	120
61	Dynamic MR imaging (DEMRI) of microcirculation in bone sarcoma. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 277-285.	3.4	107
62	A hybrid neural network analysis of subtle brain volume differences in children surviving brain tumors. <i>Magnetic Resonance Imaging</i> , 1998, 16, 413-421.	1.8	86