

Wilburn E Reddick

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2899842/publications.pdf>

Version: 2024-02-01

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	The challenge of mapping the human connectome based on diffusion tractography. <i>Nature Communications</i> , 2017, 8, 1349.	12.8	956
2	Methotrexate-Induced Neurotoxicity and Leukoencephalopathy in Childhood Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2014, 32, 949-959.	1.6	275
3	Developmental model relating white matter volume to neurocognitive deficits in pediatric brain tumor survivors. <i>Cancer</i> , 2003, 97, 2512-2519.	4.1	245
4	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
5	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
6	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
7	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
8	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
9	Dynamic MR imaging (DEMRI) of microcirculation in bone sarcoma. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 277-285.	3.4	107
10	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
11	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
12	Atypical white matter volume development in children following craniospinal irradiation. <i>Neuro-Oncology</i> , 2005, 7, 12-19.	1.2	103
13	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
14	Leukoencephalopathy and long-term neurobehavioural, neurocognitive, and brain imaging outcomes in survivors of childhood acute lymphoblastic leukaemia treated with chemotherapy: a longitudinal analysis. <i>Lancet Haematology</i> , 2016, 3, e456-e466.	4.6	96
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Diffusion tensor imaging and neurocognition in survivors of childhood acute lymphoblastic leukaemia. <i>Brain</i> , 2014, 137, 2973-2983.	7.6	85
20	Cerebral white matter integrity and executive function in adult survivors of childhood medulloblastoma. <i>Neuro-Oncology</i> , 2012, 14, iv25-iv36.	1.2	82
21	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
22	Attention and working memory abilities in children treated for acute lymphoblastic leukemia. <i>Cancer</i> , 2010, 116, 4638-4645.	4.1	74
23	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
24	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
25	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
26	Working Memory Performance among Childhood Brain Tumor Survivors. <i>Journal of the International Neuropsychological Society</i> , 2012, 18, 996-1005.	1.8	53
27	¹⁸ F-FDG Uptake During Early Adjuvant Chemotherapy Predicts Histologic Response in Pediatric and Young Adult Patients with Osteosarcoma. <i>Journal of Nuclear Medicine</i> , 2018, 59, 25-30.	5.0	39
28	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
29	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
30	Cerebral glucose metabolism on positron emission tomography of children. <i>Human Brain Mapping</i> , 2014, 35, 2297-2309.	3.6	32
31	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
32	Quantitative MRI assessment of leukoencephalopathy. <i>Magnetic Resonance in Medicine</i> , 2002, 47, 912-920.	3.0	28
33	Disrupted development and integrity of frontal white matter in patients treated for pediatric medulloblastoma. <i>Neuro-Oncology</i> , 2017, 19, 1408-1418.	1.2	27
34	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
35	Quantitative morphologic evaluation of magnetic resonance imaging during and after treatment of childhood leukemia. <i>Neuroradiology</i> , 2007, 49, 889-904.	2.2	25
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Retrospective Evaluation of PET-MRI Registration Algorithms. <i>Journal of Digital Imaging</i> , 2011, 24, 485-493.	2.9	21
40	Multi-site, multi-platform comparison of MRI T1 measurement using the system phantom. <i>PLoS ONE</i> , 2021, 16, e0252966.	2.5	20
41	The effects of propofol on cerebral perfusion MRI in children. <i>Neuroradiology</i> , 2013, 55, 1049-1056.	2.2	19
42	The Impact of Persistent Leukoencephalopathy on Brain White Matter Microstructure in Long-Term Survivors of Acute Lymphoblastic Leukemia Treated with Chemotherapy Only. <i>American Journal of Neuroradiology</i> , 2018, 39, 1919-1925.	2.4	19
43	Neurocognitive outcomes among children who experienced seizures during treatment for acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26436.	1.5	18
44	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
45	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
46	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
47	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
48	Structural and Functional Brain Imaging in Long-Term Survivors of Childhood Acute Lymphoblastic Leukemia Treated With Chemotherapy: A Systematic Review. <i>JNCI Cancer Spectrum</i> , 2021, 5, pkab069.	2.9	8
49	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
50	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.	2.4	7
51	Reduced brain microstructural asymmetry in patients with childhood leukemia treated with chemotherapy compared with healthy controls. <i>PLoS ONE</i> , 2019, 14, e0216554.	2.5	6
52	Early Imaging-Based Predictive Modeling of Cognitive Performance Following Therapy for Childhood ALL. <i>IEEE Access</i> , 2019, 7, 146662-146674.	4.2	4
53	Sex-Based Differences in Functional Brain Activity During Working Memory in Survivors of Pediatric Acute Lymphoblastic Leukemia. <i>JNCI Cancer Spectrum</i> , 2022, 6, .	2.9	4
54	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

#	ARTICLE	IF	CITATIONS
55	Fast frequency-sweep spectroscopic imaging with an ultra-low flip angle. Scientific Reports, 2016, 6, 30066.	3.3	2
56	Dynamic magnetic resonance imaging of regional contrast access as an additional prognostic factor in pediatric osteosarcoma. Cancer, 2001, 91, 2230-2237.	4.1	2
57	Phase I study of bevacizumab, sorafenib, and low-dose cyclophosphamide (CYC) in children and young adults with refractory solid tumors.. Journal of Clinical Oncology, 2011, 29, 9500-9500.	1.6	2
58	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
59	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
60	Reply to S. Kaur et al. Journal of Clinical Oncology, 2016, 34, 3708-3709.	1.6	0
61	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
62	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