

Robin L Haynes

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9531702/robin-l-haynes-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59
papers

2,805
citations

28
h-index

52
g-index

62
ext. papers

3,138
ext. citations

5.2
avg, IF

4.56
L-index

#	Paper	IF	Citations
59	Nitrosative and oxidative injury to premyelinating oligodendrocytes in periventricular leukomalacia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003 , 62, 441-50	3.1	375
58	Myelin abnormalities without oligodendrocyte loss in periventricular leukomalacia. <i>Brain Pathology</i> , 2008 , 18, 153-63	6	194
57	Axonal development in the cerebral white matter of the human fetus and infant. <i>Journal of Comparative Neurology</i> , 2005 , 484, 156-67	3.4	164
56	Development of microglia in the cerebral white matter of the human fetus and infant. <i>Journal of Comparative Neurology</i> , 2006 , 497, 199-208	3.4	151
55	Oxidative and nitrative injury in periventricular leukomalacia: a review. <i>Brain Pathology</i> , 2005 , 15, 225-336		145
54	Diffuse axonal injury in periventricular leukomalacia as determined by apoptotic marker fractin. <i>Pediatric Research</i> , 2008 , 63, 656-61	3.2	139
53	Developmental lag in superoxide dismutases relative to other antioxidant enzymes in premyelinated human telencephalic white matter. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004 , 63, 990-9	3.1	109
52	Late development of the GABAergic system in the human cerebral cortex and white matter. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011 , 70, 841-58	3.1	96
51	Neuron deficit in the white matter and subplate in periventricular leukomalacia. <i>Annals of Neurology</i> , 2012 , 71, 397-406	9.4	95
50	Thalamic damage in periventricular leukomalacia: novel pathologic observations relevant to cognitive deficits in survivors of prematurity. <i>Pediatric Research</i> , 2009 , 65, 524-9	3.2	90
49	The cerebral cortex overlying periventricular leukomalacia: analysis of pyramidal neurons. <i>Brain Pathology</i> , 2010 , 20, 803-14	6	86
48	Disconnection of the ascending arousal system in traumatic coma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013 , 72, 505-23	3.1	83
47	Interferon-gamma expression in periventricular leukomalacia in the human brain. <i>Brain Pathology</i> , 2004 , 14, 265-74	6	83
46	TLR8: an innate immune receptor in brain, neurons and axons. <i>Cell Cycle</i> , 2007 , 6, 2859-68	4.7	77
45	Selective protection by stably transfected human ALDH3A1 (but not human ALDH1A1) against toxicity of aliphatic aldehydes in V79 cells. <i>Chemico-Biological Interactions</i> , 2001 , 130-132, 261-73	5	59
44	Dentate gyrus abnormalities in sudden unexplained death in infants: morphological marker of underlying brain vulnerability. <i>Acta Neuropathologica</i> , 2015 , 129, 65-80	14.3	57
43	KCNQ1, KCNE2, and Na ⁺ -coupled solute transporters form reciprocally regulating complexes that affect neuronal excitability. <i>Science Signaling</i> , 2014 , 7, ra22	8.8	52

42	Nitrosative stress and inducible nitric oxide synthase expression in periventricular leukomalacia. <i>Acta Neuropathologica</i> , 2009 , 118, 391-9	14.3	52
41	Radial coherence of diffusion tractography in the cerebral white matter of the human fetus: neuroanatomic insights. <i>Cerebral Cortex</i> , 2014 , 24, 579-92	5.1	46
40	The serotonergic anatomy of the developing human medulla oblongata: implications for pediatric disorders of homeostasis. <i>Journal of Chemical Neuroanatomy</i> , 2011 , 41, 182-99	3.2	45
39	Structure-activity relationships for growth inhibition and induction of apoptosis by 4-hydroxy-2-nonenal in raw 264.7 cells. <i>Molecular Pharmacology</i> , 2000 , 58, 788-94	4.3	45
38	Is the late preterm infant more vulnerable to gray matter injury than the term infant?. <i>Clinics in Perinatology</i> , 2006 , 33, 915-33; abstract x-xi	2.8	43
37	High serum serotonin in sudden infant death syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 7695-7700	11.5	37
36	Apoptosis in RAW 264.7 cells exposed to 4-hydroxy-2-nonenal: dependence on cytochrome C release but not p53 accumulation. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 884-94	7.8	37
35	12/15-lipoxygenase expression is increased in oligodendrocytes and microglia of periventricular leukomalacia. <i>Developmental Neuroscience</i> , 2013 , 35, 140-54	2.2	34
34	Drinking and smoking patterns during pregnancy: Development of group-based trajectories in the Safe Passage Study. <i>Alcohol</i> , 2017 , 62, 49-60	2.7	30
33	Interleukin-6 and the serotonergic system of the medulla oblongata in the sudden infant death syndrome. <i>Acta Neuropathologica</i> , 2009 , 118, 519-30	14.3	30
32	Hippocampal Formation Maldevelopment and Sudden Unexpected Death across the Pediatric Age Spectrum. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016 , 75, 981-997	3.1	29
31	Concurrent prenatal drinking and smoking increases risk for SIDS: Safe Passage Study report. <i>EClinicalMedicine</i> , 2020 , 19, 100247	11.3	24
30	Potential neuronal repair in cerebral white matter injury in the human neonate. <i>Pediatric Research</i> , 2011 , 69, 62-7	3.2	24
29	Novel neuropathologic findings in the Haddad syndrome. <i>Acta Neuropathologica</i> , 2010 , 119, 261-9	14.3	24
28	Neuropathologic studies of the encephalopathy of prematurity in the late preterm infant. <i>Clinics in Perinatology</i> , 2013 , 40, 707-22	2.8	22
27	The Serotonin Brainstem Hypothesis for the Sudden Infant Death Syndrome. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 , 78, 765-779	3.1	21
26	Long-Term Neuropathological Changes Associated with Cerebral Palsy in a Nonhuman Primate Model of Hypoxic-Ischemic Encephalopathy. <i>Developmental Neuroscience</i> , 2017 , 39, 124-140	2.2	19
25	SCN1A variants associated with sudden infant death syndrome. <i>Epilepsia</i> , 2018 , 59, e56-e62	6.4	19

24	Magnetic resonance spectroscopy markers of axons and astrogliosis in relation to specific features of white matter injury in preterm infants. <i>Neuroradiology</i> , 2014 , 56, 771-9	3.2	18
23	Chemoprotective functions of glutathione S-transferases in cell lines induced to express specific isozymes by stable transfection. <i>Chemico-Biological Interactions</i> , 1998 , 111-112, 389-407	5	18
22	Lipid peroxidation during human cerebral myelination. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006 , 65, 894-904	3.1	16
21	Oxidative injury in the cerebral cortex and subplate neurons in periventricular leukomalacia. <i>Journal of Neuropathology and Experimental Neurology</i> , 2008 , 67, 677-86	3.1	15
20	A Century of Germinal Matrix Intraventricular Hemorrhage in Autopsied Premature Infants: A Historical Account. <i>Pediatric and Developmental Pathology</i> , 2016 , 19, 108-14	2.2	14
19	A modified Timeline Followback assessment to capture alcohol exposure in pregnant women: Application in the Safe Passage Study. <i>Alcohol</i> , 2017 , 62, 17-27	2.7	14
18	Serotonin metabolites in the cerebrospinal fluid in sudden infant death syndrome. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014 , 73, 115-22	3.1	14
17	Structure and folding of nascent polypeptide chains during protein translocation in the endoplasmic reticulum. <i>Journal of Biological Chemistry</i> , 1997 , 272, 17126-33	5.4	13
16	Mutations in and in a patient with early-onset epileptic encephalopathy and respiratory depression. <i>Journal of Physical Education and Sports Management</i> , 2019 , 5,	2.8	11
15	The role of sodium channels in sudden unexpected death in pediatrics. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1309	2.3	7
14	Development of brainstem 5-HT1A receptor-binding sites in serotonin-deficient mice. <i>Journal of Neurochemistry</i> , 2013 , 126, 749-57	6	6
13	White Matter Lesions in the Perinatal Period 2018 , 213-227		3
12	Genetic Determinants of Sudden Unexpected Death in Pediatrics.. <i>Genetics in Medicine</i> , 2022 ,	8.1	3
11	Abnormalities of the Hippocampus in Sudden and Unexpected Death in Early Life 2018 , 661-688		3
10	Association of Prenatal Exposure to Maternal Drinking and Smoking With the Risk of Stillbirth. <i>JAMA Network Open</i> , 2021 , 4, e2121726	10.4	3
9	Serotonin Receptors in the Medulla Oblongata of the Human Fetus and Infant: The Analytic Approach of the International Safe Passage Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016 , 75, 1048-1057	3.1	2
8	Mechanisms of perinatal brain injury. <i>Neurology Research International</i> , 2012 , 2012, 157858	1.7	2
7	Airway basal stem cells generate distinct subpopulations of PNECs. <i>Cell Reports</i> , 2021 , 35, 109011	10.6	2

6	The Lateral Temporal Lobe in Early Human Life. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017 , 76, 424-438	3.1	1
5	Prenatal intermittent hypoxia sensitizes the laryngeal chemoreflex, blocks serotonergic shortening of the reflex, and reduces 5-HT receptor binding in the NTS in anesthetized rat pups. <i>Experimental Neurology</i> , 2020 , 326, 113166	5.7	1
4	Nicotinic Receptors in the Brainstem Ascending Arousal System in SIDS With Analysis of Pre-natal Exposures to Maternal Smoking and Alcohol in High-Risk Populations of the Safe Passage Study. <i>Frontiers in Neurology</i> , 2021 , 12, 636668	4.1	1
3	Central Axonal Development and Pathology in Early Life. <i>Advances in Neurobiology</i> , 2011 , 1-53	2.1	0
2	Medullary Serotonergic Binding Deficits and Hippocampal Abnormalities in Sudden Infant Death Syndrome: One or Two Entities?. <i>Frontiers in Pediatrics</i> , 2021 , 9, 762017	3.4	0
1	Serotonin Abnormalities in the Brainstem of Sudden Infant Death Syndrome 2019 , 195-206		