

# Rosalinda C Roberts

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3526274/publications.pdf>

Version: 2024-02-01

56  
papers

2,226  
citations

218381

26  
h-index

253896

43  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human postmortem tissue: What quality markers matter?. Brain Research, 2006, 1123, 1-11.	1.1	321
2	Mitochondrial pathology in human schizophrenic striatum: a postmortem ultrastructural study. , 1999, 31, 67-75.		127
3	Basal ganglia pathology in schizophrenia: dopamine connections and anomalies. Journal of Neurochemistry, 2010, 113, 287-302.	2.1	122
4	Interstitial cells of the white matter in the inferior parietal cortex in schizophrenia: An unbiased cell-counting study. , 1999, 34, 95-102.		109
5	Ultrastructural correlates of haloperidol-induced oral dyskinesias in rat striatum. Synapse, 1995, 20, 234-243.	0.6	89
6	Interstitial Cells of the White Matter in the Dorsolateral Prefrontal Cortex in Deficit and Nondeficit Schizophrenia. Journal of Nervous and Mental Disease, 2003, 191, 563-567.	0.5	78
7	Reduced striatal spine size in schizophrenia. NeuroReport, 1996, 7, 1214-1218.	0.6	76
8	Postmortem studies on mitochondria in schizophrenia. Schizophrenia Research, 2017, 187, 17-25.	1.1	71
9	Immunocytochemical localization of kynurenine aminotransferase in the rat striatum: A light and electron microscopic study. Journal of Comparative Neurology, 1992, 326, 82-90.	0.9	62
10	Gonadal steroids reduce the density of axospinous synapses in the developing rat arcuate nucleus: An electron microscopy analysis. Journal of Comparative Neurology, 2001, 432, 259-267.	0.9	62
11	Ultrastructural localization of reelin in the cortex in post-mortem human brain. Journal of Comparative Neurology, 2005, 482, 294-308.	0.9	56
12	Dopaminergic synapses in the caudate of subjects with schizophrenia: Relationship to treatment response. Synapse, 2009, 63, 520-530.	0.6	55
13	Schizophrenia in Translation: Disrupted in Schizophrenia (DISC1): Integrating Clinical and Basic Findings. Schizophrenia Bulletin, 2006, 33, 11-15.	2.3	49
14	GSK-3 $\beta$ Gene Expression in Human Postmortem Brain: Regional Distribution, Effects of Age and Suicide. Neurochemical Research, 2009, 34, 274-285.	1.6	47
15	Synaptic differences in the postmortem striatum of subjects with schizophrenia: A stereological ultrastructural analysis. Synapse, 2005, 56, 185-197.	0.6	46
16	Light and Electron Microscopy Study of Glycogen Synthase Kinase-3 $\beta$ in the Mouse Brain. PLoS ONE, 2010, 5, e8911.	1.1	46
17	Dopamine pathology in schizophrenia: analysis of total and phosphorylated tyrosine hydroxylase in the substantia nigra. Frontiers in Psychiatry, 2012, 3, 31.	1.3	43
18	Synaptic changes in the striatum of schizophrenic cases: A controlled postmortem ultrastructural study. Synapse, 1998, 28, 125-139.	0.6	40

#	ARTICLE	IF	CITATIONS
19	Mitochondrial viability in mouse and human postmortem brain. <i>FASEB Journal</i> , 2010, 24, 3590-3599.	0.2	39
20	Mapping dopaminergic deficiencies in the substantia nigra/ventral tegmental area in schizophrenia. <i>Brain Structure and Function</i> , 2016, 221, 185-201.	1.2	36
21	Mitochondrial dysfunction in schizophrenia: With a focus on postmortem studies. <i>Mitochondrion</i> , 2021, 56, 91-101.	1.6	36
22	Elevated Excitatory Input to the Nucleus Accumbens in Schizophrenia: A Postmortem Ultrastructural Study. <i>Schizophrenia Bulletin</i> , 2015, 41, 1123-1132.	2.3	32
23	Synaptic differences in the patch matrix compartments of subjects with schizophrenia: A postmortem ultrastructural study of the striatum. <i>Neurobiology of Disease</i> , 2005, 20, 324-335.	2.1	30
24	Synaptic organization of the human striatum: A postmortem ultrastructural study. <i>Journal of Comparative Neurology</i> , 1996, 374, 523-534.	0.9	29
25	Immunocytochemical localization of tyrosine hydroxylase in the human striatum: A postmortem ultrastructural study. , 1998, 390, 52-62.		29
26	Mitochondria in the striatum of subjects with schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2011, 12, 48-56.	1.3	28
27	Mitochondria in the striatum of subjects with schizophrenia: Relationship to treatment response. <i>Synapse</i> , 2011, 65, 215-224.	0.6	27
28	Magnetic Transfer Contrast Accurately Localizes Substantia Nigra Confirmed by Histology. <i>Biological Psychiatry</i> , 2013, 73, 289-294.	0.7	27
29	Assessment of Cytochrome C Oxidase Dysfunction in the Substantia Nigra/Ventral Tegmental Area in Schizophrenia. <i>PLoS ONE</i> , 2014, 9, e100054.	1.1	27
30	Differential synaptic changes in the striatum of subjects with undifferentiated versus paranoid schizophrenia. <i>Synapse</i> , 2008, 62, 616-627.	0.6	26
31	Substantia nigra ultrastructural pathology in schizophrenia. <i>Schizophrenia Research</i> , 2018, 197, 209-218.	1.1	24
32	Effect of chronic olanzapine treatment on striatal synaptic organization. <i>Synapse</i> , 2001, 39, 8-15.	0.6	22
33	The ultrastructural organization of the patch matrix compartments in the human striatum. <i>Journal of Comparative Neurology</i> , 2002, 452, 128-138.	0.9	22
34	Neuroleptics and animal models: feasibility of oral treatment monitored by plasma levels and receptor occupancy assays. <i>Journal of Neural Transmission</i> , 2008, 115, 745-753.	1.4	22
35	Dopaminergic synapses in the matrix of the ventrolateral striatum after chronic haloperidol treatment. <i>Synapse</i> , 2002, 45, 78-85.	0.6	21
36	Glycogen synthase kinase-3 $\beta$ (GSK3 $\beta$ ) expression in a mouse model of Alzheimer's disease: A light and electron microscopy study. <i>Synapse</i> , 2013, 67, 313-327.	0.6	21

#	ARTICLE	IF	CITATIONS
37	Uncovering the role of the nucleus accumbens in schizophrenia: A postmortem analysis of tyrosine hydroxylase and vesicular glutamate transporters. <i>Schizophrenia Research</i> , 2015, 169, 369-373.	1.1	21
38	Ultrastructural evidence for glutamatergic dysregulation in schizophrenia. <i>Schizophrenia Research</i> , 2022, 249, 4-15.	1.1	21
39	Neurochemical Characterization of the Tree Shrew Dorsal Striatum. <i>Frontiers in Neuroanatomy</i> , 2011, 5, 53.	0.9	20
40	Synaptic Proteins in the Postmortem Anterior Cingulate Cortex in Schizophrenia: Relationship to Treatment and Treatment Response. <i>Neuropsychopharmacology</i> , 2014, 39, 2095-2103.	2.8	18
41	Impaired copper transport in schizophrenia results in a copper-deficient brain state: A new side to the dysbindin story. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 13-28.	1.3	18
42	Pathology of white matter integrity in three major white matter fasciculi: A postmortem study of schizophrenia and treatment status. <i>British Journal of Pharmacology</i> , 2019, 176, 1143-1155.	2.7	16
43	Evidence for altered excitatory and inhibitory tone in the post-mortem substantia nigra in schizophrenia. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 339-356.	1.3	16
44	Striatal mitochondria in subjects with chronic undifferentiated vs. chronic paranoid schizophrenia. <i>Synapse</i> , 2012, 66, 29-41.	0.6	15
45	Protein Markers of Neurotransmitter Synthesis and Release in Postmortem Schizophrenia Substantia Nigra. <i>Neuropsychopharmacology</i> , 2017, 42, 540-550.	2.8	15
46	A new use for long-term frozen brain tissue: Golgi impregnation. <i>Journal of Neuroscience Methods</i> , 2009, 176, 72-77.	1.3	14
47	The immunocytochemical localization of substance P in the human striatum: A postmortem ultrastructural study. <i>Synapse</i> , 2005, 57, 191-201.	0.6	12
48	Ultrastructural analysis of parvalbumin synapses in human dorsolateral prefrontal cortex. <i>Journal of Comparative Neurology</i> , 2017, 525, 2075-2089.	0.9	12
49	Tyrosine hydroxylase localization in the nucleus accumbens in schizophrenia. <i>Brain Structure and Function</i> , 2016, 221, 4451-4458.	1.2	10
50	Abnormalities in the copper transporter CTR1 in postmortem hippocampus in schizophrenia: A subregion and laminar analysis. <i>Schizophrenia Research</i> , 2021, 228, 60-73.	1.1	7
51	Dual use of immunohistochemistry for film densitometry and light microscopy. <i>Journal of Neuroscience Methods</i> , 2012, 208, 86-91.	1.3	6
52	Interactions between knockout of schizophrenia risk factor Dysbindin-1 and copper metabolism in mice. <i>Brain Research Bulletin</i> , 2020, 164, 339-349.	1.4	5
53	Markers of copper transport in the cingulum bundle in schizophrenia. <i>Schizophrenia Research</i> , 2021, 228, 124-133.	1.1	2
54	Neuroscience of Schizophrenia. , 0, , 267-297.		1

#	ARTICLE	IF	CITATIONS
55	Counting mitochondria using electron microscopy. Synapse, 2012, 66, 665-666.	0.6	0
56	Astroglia and Severe Mental Illness: A Role for Glutamate Microdomains. , 2014, , 373-395.		0