

Amanda J Law

List of Publications by Citations

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

60
papers

3,575
citations

29
h-index

59
g-index

65
ext. papers

3,962
ext. citations

5.7
avg, IF

5.2
L-index

#	Paper	IF	Citations
60	Neuregulin 1 and schizophrenia: genetics, gene expression, and neurobiology. <i>Biological Psychiatry</i> , 2006 , 60, 132-40	7.9	373
59	Neuregulin 1 transcripts are differentially expressed in schizophrenia and regulated by 5VSNPs associated with the disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 6747-52	11.5	345
58	Disease-associated intronic variants in the ErbB4 gene are related to altered ErbB4 splice-variant expression in the brain in schizophrenia. <i>Human Molecular Genetics</i> , 2007 , 16, 129-41	5.6	252
57	Expression of GABA signaling molecules KCC2, NKCC1, and GAD1 in cortical development and schizophrenia. <i>Journal of Neuroscience</i> , 2011 , 31, 11088-95	6.6	228
56	Asymmetrical reductions of hippocampal NMDAR1 glutamate receptor mRNA in the psychoses. <i>NeuroReport</i> , 2001 , 12, 2971-4	1.7	178
55	Elevated neuregulin-1 and ErbB4 protein in the prefrontal cortex of schizophrenic patients. <i>Schizophrenia Research</i> , 2008 , 100, 270-80	3.6	153
54	Neuregulin-1 (NRG-1) mRNA and protein in the adult human brain. <i>Neuroscience</i> , 2004 , 127, 125-36	3.9	127
53	Reduced spinophilin but not microtubule-associated protein 2 expression in the hippocampal formation in schizophrenia and mood disorders: molecular evidence for a pathology of dendritic spines. <i>American Journal of Psychiatry</i> , 2004 , 161, 1848-55	11.9	121
52	Glutamate receptors and transporters in the hippocampus in schizophrenia. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1003, 94-101	6.5	120
51	The axonal chemorepellant semaphorin 3A is increased in the cerebellum in schizophrenia and may contribute to its synaptic pathology. <i>Molecular Psychiatry</i> , 2003 , 8, 148-55	15.1	115
50	Molecular cloning of a brain-specific, developmentally regulated neuregulin 1 (NRG1) isoform and identification of a functional promoter variant associated with schizophrenia. <i>Journal of Biological Chemistry</i> , 2007 , 282, 24343-51	5.4	108
49	Neuregulin 1-ErbB4-PI3K signaling in schizophrenia and phosphoinositide 3-kinase-p110 inhibition as a potential therapeutic strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 12165-70	11.5	106
48	Common genetic variation in Neuregulin 3 (NRG3) influences risk for schizophrenia and impacts NRG3 expression in human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 15619-24	11.5	106
47	Biological validation of increased schizophrenia risk with NRG1, ERBB4, and AKT1 epistasis via functional neuroimaging in healthy controls. <i>Archives of General Psychiatry</i> , 2010 , 67, 991-1001		105
46	Expression of NMDA receptor NR1, NR2A and NR2B subunit mRNAs during development of the human hippocampal formation. <i>European Journal of Neuroscience</i> , 2003 , 18, 1197-205	3.5	99
45	Perinatal Phosphatidylcholine Supplementation and Early Childhood Behavior Problems: Evidence for CHRNA7 Moderation. <i>American Journal of Psychiatry</i> , 2016 , 173, 509-16	11.9	82
44	Genetic neuropathology of schizophrenia: new approaches to an old question and new uses for postmortem human brains. <i>Biological Psychiatry</i> , 2011 , 69, 140-5	7.9	72

43	Behavioural characterization of neuregulin 1 type I overexpressing transgenic mice. <i>NeuroReport</i> , 2009 , 20, 1523-8	1.7	70
42	Early parental deprivation in the marmoset monkey produces long-term changes in hippocampal expression of genes involved in synaptic plasticity and implicated in mood disorder. <i>Neuropsychopharmacology</i> , 2009 , 34, 1381-94	8.7	62
41	Transgenic overexpression of the type I isoform of neuregulin 1 affects working memory and hippocampal oscillations but not long-term potentiation. <i>Cerebral Cortex</i> , 2012 , 22, 1520-9	5.1	59
40	Alpha7 nicotinic acetylcholine receptor mRNA expression and binding in postmortem human brain are associated with genetic variation in neuregulin 1. <i>Human Molecular Genetics</i> , 2007 , 16, 2921-32	5.6	51
39	The distribution and morphology of prefrontal cortex pyramidal neurons identified using anti-neurofilament antibodies SMI32, N200 and FNP7. Normative data and a comparison in subjects with schizophrenia, bipolar disorder or major depression. <i>Journal of Psychiatric Research</i> , 2003 , 37, 487-99	5.2	50
38	Characteristics of the cation cotransporter NKCC1 in human brain: alternate transcripts, expression in development, and potential relationships to brain function and schizophrenia. <i>Journal of Neuroscience</i> , 2014 , 34, 4929-40	6.6	49
37	Primate early life stress leads to long-term mild hippocampal decreases in corticosteroid receptor expression. <i>Biological Psychiatry</i> , 2010 , 67, 1106-9	7.9	46
36	Biological effects of COMT haplotypes and psychosis risk in 22q11.2 deletion syndrome. <i>Biological Psychiatry</i> , 2014 , 75, 406-13	7.9	45
35	Behavioral, Neurophysiological, and Synaptic Impairment in a Transgenic Neuregulin1 (NRG1-IV) Murine Schizophrenia Model. <i>Journal of Neuroscience</i> , 2016 , 36, 4859-75	6.6	38
34	Gene expression in the anterior cingulate cortex and amygdala of adolescent marmoset monkeys following parental separations in infancy. <i>International Journal of Neuropsychopharmacology</i> , 2009 , 12, 761-72	5.8	33
33	Genetic association of ErbB4 and human cortical GABA levels in vivo. <i>Journal of Neuroscience</i> , 2011 , 31, 11628-32	6.6	32
32	Transient overexposure of neuregulin 3 during early postnatal development impacts selective behaviors in adulthood. <i>PLoS ONE</i> , 2014 , 9, e104172	3.7	30
31	Temporal, Diagnostic, and Tissue-Specific Regulation of NRG3 Isoform Expression in Human Brain Development and Affective Disorders. <i>American Journal of Psychiatry</i> , 2017 , 174, 256-265	11.9	27
30	PKB/AKT3 loss-of-function causes learning and memory deficits and deregulation of AKT/mTORC2 signaling: Relevance for schizophrenia. <i>PLoS ONE</i> , 2017 , 12, e0175993	3.7	27
29	Antipsychotics increase microtubule-associated protein 2 mRNA but not spinophilin mRNA in rat hippocampus and cortex. <i>Journal of Neuroscience Research</i> , 2004 , 76, 376-82	4.4	23
28	Higher Gestational Choline Levels in Maternal Infection Are Protective for Infant Brain Development. <i>Journal of Pediatrics</i> , 2019 , 208, 198-206.e2	3.6	22
27	Effects of schizophrenia risk variation in the NRG1 gene on NRG1-IV splicing during fetal and early postnatal human neocortical development. <i>American Journal of Psychiatry</i> , 2014 , 171, 979-89	11.9	21
26	Identification of candidate single-nucleotide polymorphisms in NRXN1 related to antipsychotic treatment response in patients with schizophrenia. <i>Neuropsychopharmacology</i> , 2014 , 39, 2170-8	8.7	20

25	Effects of neuregulin 3 genotype on human prefrontal cortex physiology. <i>Journal of Neuroscience</i> , 2014 , 34, 1051-6	6.6	19
24	Male fetus susceptibility to maternal inflammation: C-reactive protein and brain development. <i>Psychological Medicine</i> , 2021 , 51, 450-459	6.9	17
23	Changes in NMDA receptor subunit mRNAs and cyclophilin mRNA during development of the human hippocampus. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1003, 426-30	6.5	16
22	Schizophrenia, IV: neuregulin-1 in the human brain. <i>American Journal of Psychiatry</i> , 2003 , 160, 1392	11.9	15
21	Neurodevelopmental concepts of schizophrenia in the genome-wide association era: AKT/mTOR signaling as a pathological mediator of genetic and environmental programming during development. <i>Schizophrenia Research</i> , 2020 , 217, 95-104	3.6	12
20	A VNTR Regulates miR-137 Expression Through Novel Alternative Splicing and Contributes to Risk for Schizophrenia. <i>Scientific Reports</i> , 2019 , 9, 11793	4.9	10
19	Molecular cloning and characterization of the human ErbB4 gene: identification of novel splice isoforms in the developing and adult brain. <i>PLoS ONE</i> , 2010 , 5, e12924	3.7	10
18	PKB/AKT2 deficiency impacts brain mTOR signaling, prefrontal cortical physiology, hippocampal plasticity and select murine behaviors. <i>Molecular Psychiatry</i> , 2021 , 26, 411-428	15.1	8
17	Genetic mouse models of neuregulin 1: gene dosage effects, isoform-specific functions, and relevance to schizophrenia. <i>Biological Psychiatry</i> , 2014 , 76, 89-90	7.9	7
16	Choline, folic acid, Vitamin D, and fetal brain development in the psychosis spectrum. <i>Schizophrenia Research</i> , 2021 ,	3.6	7
15	Transcription of PIK3CD in human brain and schizophrenia: regulation by proinflammatory cytokines. <i>Human Molecular Genetics</i> , 2019 , 28, 3188-3198	5.6	6
14	Maternal choline and respiratory coronavirus effects on fetal brain development. <i>Journal of Psychiatric Research</i> , 2020 , 128, 1-4	5.2	6
13	Prenatal choline, cannabis, and infection, and their association with offspring development of attention and social problems through 4 years of age. <i>Psychological Medicine</i> , 2021 , 1-10	6.9	6
12	Altered hippocampal gene expression and structure in transgenic mice overexpressing neuregulin 1 (Nrg1) type I. <i>Translational Psychiatry</i> , 2018 , 8, 229	8.6	6
11	Maternal nutrients and effects of gestational COVID-19 infection on fetal brain development. <i>Clinical Nutrition ESPEN</i> , 2021 , 43, 1-8	1.3	5
10	PI3Kinase-p110 Overexpression Impairs Dendritic Morphogenesis and Increases Dendritic Spine Density. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 29	6.1	3
9	Black American Maternal Prenatal Choline, Offspring Gestational Age at Birth, and Developmental Predisposition to Mental Illness. <i>Schizophrenia Bulletin</i> , 2021 , 47, 896-905	1.3	3
8	Toward Better Strategies for Understanding Disrupted Cortical Excitatory/Inhibitory Balance in Schizophrenia. <i>Biological Psychiatry</i> , 2018 , 83, 632-634	7.9	2

7	Maternal Prenatal Depression in Pregnancies With Female and Male Fetuses and Developmental Associations With C-reactive Protein and Cortisol. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021 , 6, 310-320	3.4	2
6	Targeting Treatments to Health Disparities. <i>Schizophrenia Bulletin</i> , 2021 , 47, 886-887	1.3	1
5	Temporal Dynamics of the Neuregulin-ErbB Network in the Murine Prefrontal Cortex across the Lifespan. <i>Cerebral Cortex</i> , 2020 , 30, 3325-3339	5.1	0
4	Prenatal prevention of psychiatric illness and childhood development population-wide. <i>World Psychiatry</i> , 2021 , 20, 226-227	14.4	0
3	Maternal prenatal choline and inflammation effects on 4-year-olds' performance on the Wechsler Preschool and Primary Scale of Intelligence-IV. <i>Journal of Psychiatric Research</i> , 2021 , 141, 50-56	5.2	0
2	Aumento de los valores de las proteínas neuregulina 1 y ErbB4 en la corteza prefrontal de pacientes esquizofrénicos. <i>Psiquiatria Biologica</i> , 2010 , 17, 54-62	0.2	
1	Dr. Law and Colleagues Reply. <i>American Journal of Psychiatry</i> , 2005 , 162, 1389-a-1390	11.9	