

Amanda J Law

List of Publications by Year in descending order

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63
papers

4,227
citations

159358

30
h-index

128067

60
g-index

65
all docs

65
docs citations

65
times ranked

5206
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuregulin 1 and Schizophrenia: Genetics, Gene Expression, and Neurobiology. <i>Biological Psychiatry</i> , 2006, 60, 132-140.	0.7	413
2	Neuregulin 1 transcripts are differentially expressed in schizophrenia and regulated by 5' SNPs associated with the disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 6747-6752.	3.3	380
3	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, 129-141.	1.4	283
4	Expression of GABA Signaling Molecules KCC2, NKCC1, and GAD1 in Cortical Development and Schizophrenia. <i>Journal of Neuroscience</i> , 2011, 31, 11088-11095.	1.7	279
5	Asymmetrical reductions of hippocampal NMDAR1 glutamate receptor mRNA in the psychoses. <i>NeuroReport</i> , 2001, 12, 2971-2974.	0.6	192
6	Elevated neuregulin-1 and ErbB4 protein in the prefrontal cortex of schizophrenic patients. <i>Schizophrenia Research</i> , 2008, 100, 270-280.	1.1	170
7	Neuregulin-1 (NRG-1) mRNA and protein in the adult human brain. <i>Neuroscience</i> , 2004, 127, 125-136.	1.1	143
8	Glutamate Receptors and Transporters in the Hippocampus in Schizophrenia. <i>Annals of the New York Academy of Sciences</i> , 2003, 1003, 94-101.	1.8	134
9	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, 148-155.	4.1	134
10	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, 1848-1855.	4.0	134
11	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, 24343-24351.	1.6	131
12	Neuregulin 1-ErbB4-PI3K signaling in schizophrenia and phosphoinositide 3-kinase-p110 β inhibition as a potential therapeutic strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12165-12170.	3.3	127
13	Common genetic variation in Neuregulin 3 (<i>NRG3</i>) influences risk for schizophrenia and impacts <i>NRG3</i> expression in human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15619-15624.	3.3	118
14	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, 1197-1205.	1.2	114
15	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.	13.8	113
16	Perinatal Phosphatidylcholine Supplementation and Early Childhood Behavior Problems: Evidence for <i>CHRNA7</i> Moderation. <i>American Journal of Psychiatry</i> , 2016, 173, 509-516.	4.0	103
17	Genetic Neuropathology of Schizophrenia: New Approaches to an Old Question and New Uses for Postmortem Human Brains. <i>Biological Psychiatry</i> , 2011, 69, 140-145.	0.7	83
18	Behavioural characterization of neuregulin 1 type I overexpressing transgenic mice. <i>NeuroReport</i> , 2009, 20, 1523-1528.	0.6	77

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19	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, 1381-1394.	2.8	74
20	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, 1520-1529.	1.6	68
21	Biological Effects of COMT Haplotypes and Psychosis Risk in 22q11.2 Deletion Syndrome. <i>Biological Psychiatry</i> , 2014, 75, 406-413.	0.7	63
22	±7 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, 2921-2932.	1.4	61
23	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, 487-499.	1.5	57
24	Primate Early Life Stress Leads to Long-Term Mild Hippocampal Decreases in Corticosteroid Receptor Expression. <i>Biological Psychiatry</i> , 2010, 67, 1106-1109.	0.7	56
25	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, 4929-4940.	1.7	54
26	PKB ³ /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.	1.1	48
27	Behavioral, Neurophysiological, and Synaptic Impairment in a Transgenic Neuregulin1 (NRG1-IV) Murine Schizophrenia Model. <i>Journal of Neuroscience</i> , 2016, 36, 4859-4875.	1.7	47
28	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.	4.0	39
29	Higher Gestational Choline Levels in Maternal Infection Are Protective for Infant Brain Development. <i>Journal of Pediatrics</i> , 2019, 208, 198-206.e2.	0.9	37
30	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.	1.0	35
31	Genetic Association of ErbB4 and Human Cortical GABA Levels <i>In Vivo</i> . <i>Journal of Neuroscience</i> , 2011, 31, 11628-11632.	1.7	35
32	Male fetus susceptibility to maternal inflammation: C-reactive protein and brain development. <i>Psychological Medicine</i> , 2021, 51, 450-459.	2.7	34
33	Transient Overexposure of Neuregulin 3 during Early Postnatal Development Impacts Selective Behaviors in Adulthood. <i>PLoS ONE</i> , 2014, 9, e104172.	1.1	34
34	Antipsychotics increase microtubule-associated protein 2 mRNA but not spinophilin mRNA in rat hippocampus and cortex. <i>Journal of Neuroscience Research</i> , 2004, 76, 376-382.	1.3	26
35	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, 979-989.	4.0	26
36	Effects of Neuregulin 3 Genotype on Human Prefrontal Cortex Physiology. <i>Journal of Neuroscience</i> , 2014, 34, 1051-1056.	1.7	25

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37	Identification of Candidate Single-Nucleotide Polymorphisms in NRXN1 Related to Antipsychotic Treatment Response in Patients with Schizophrenia. <i>Neuropsychopharmacology</i> , 2014, 39, 2170-2178.	2.8	22
38	A VNTR Regulates miR-137 Expression Through Novel Alternative Splicing and Contributes to Risk for Schizophrenia. <i>Scientific Reports</i> , 2019, 9, 11793.	1.6	21
39	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.	1.1	19
40	PKB β /AKT2 deficiency impacts brain mTOR signaling, prefrontal cortical physiology, hippocampal plasticity and select murine behaviors. <i>Molecular Psychiatry</i> , 2021, 26, 411-428.	4.1	18
41	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, 426-430.	1.8	17
42	Maternal choline and respiratory coronavirus effects on fetal brain development. <i>Journal of Psychiatric Research</i> , 2020, 128, 1-4.	1.5	17
43	Choline, folic acid, Vitamin D, and fetal brain development in the psychosis spectrum. <i>Schizophrenia Research</i> , 2022, 247, 16-25.	1.1	17
44	Schizophrenia, IV: Neuregulin-1 in the Human Brain. <i>American Journal of Psychiatry</i> , 2003, 160, 1392-1392.	4.0	16
45	Maternal nutrients and effects of gestational COVID-19 infection on fetal brain development. <i>Clinical Nutrition ESPEN</i> , 2021, 43, 1-8.	0.5	16
46	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.	1.1	15
47	Black American Maternal Prenatal Choline, Offspring Gestational Age at Birth, and Developmental Predisposition to Mental Illness. <i>Schizophrenia Bulletin</i> , 2021, 47, 896-905.	2.3	15
48	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> , 2022, 52, 3019-3028.	2.7	13
49	Genetic Mouse Models of Neuregulin 1: Gene Dosage Effects, Isoform-Specific Functions, and Relevance to Schizophrenia. <i>Biological Psychiatry</i> , 2014, 76, 89-90.	0.7	8
50	Transcription of PIK3CD in human brain and schizophrenia: regulation by proinflammatory cytokines. <i>Human Molecular Genetics</i> , 2019, 28, 3188-3198.	1.4	8
51	Altered hippocampal gene expression and structure in transgenic mice overexpressing neuregulin 1 (Nrg1) type I. <i>Translational Psychiatry</i> , 2018, 8, 229.	2.4	7
52	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.	1.1	5
53	Prenatal prevention of psychiatric illness and childhood development population-wide. <i>World Psychiatry</i> , 2021, 20, 226-227.	4.8	5
54	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.	1.5	5

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55	Temporal Dynamics of the Neuregulin-ErbB Network in the Murine Prefrontal Cortex across the Lifespan. <i>Cerebral Cortex</i> , 2020, 30, 3325-3339.	1.6	4
56	PI3Kinase-p110 β Overexpression Impairs Dendritic Morphogenesis and Increases Dendritic Spine Density. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 29.	1.4	4
57	Toward Better Strategies for Understanding Disrupted Cortical Excitatory/Inhibitory Balance in Schizophrenia. <i>Biological Psychiatry</i> , 2018, 83, 632-634.	0.7	3
58	Author's Response: Targeting Treatments to Health Disparities. <i>Schizophrenia Bulletin</i> , 2021, 47, 886-887.	2.3	3
59	Dr. Law and Colleagues Reply. <i>American Journal of Psychiatry</i> , 2005, 162, 1389-a-1390.	4.0	0
60	ERBB4 AND PI3KCD AND ARE INTERACTING BIOLOGICAL AND GENETIC FACTORS THAT REGULATE NRG1-MEDIATED PI3K SIGNALING AND RISK FOR SCHIZOPHRENIA. <i>Schizophrenia Research</i> , 2010, 117, 105-106.	1.1	0
61	Aumento de los valores de las proteínas neuregulina 1 y ErbB4 en la corteza prefrontal de pacientes esquizofrénicos. <i>Psiquiatría Biológica</i> , 2010, 17, 54-62.	0.0	0
62	725. Behavioral, Neurophysiological and Synaptic Impairment in a Transgenic Neuregulin1 (NRG1-IV) Murine Schizophrenia Model. <i>Biological Psychiatry</i> , 2017, 81, S294.	0.7	0
63	515. Effects of PIK3CD Over-Expression on Neuronal Morphology: Implications for Schizophrenia. <i>Biological Psychiatry</i> , 2017, 81, S209.	0.7	0