

Kelly Anne Newell

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,182
citations

218381

26
h-index

233125

45
g-index

62
all docs

62
docs citations

62
times ranked

3314
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular evidence of N-methyl-D-aspartate receptor hypofunction in schizophrenia. <i>Molecular Psychiatry</i> , 2013, 18, 1185-1192.	4.1	202
2	Increased cannabinoid receptor density in the posterior cingulate cortex in schizophrenia. <i>Experimental Brain Research</i> , 2006, 172, 556-560.	0.7	169
3	Galantamine improves cognition, hippocampal inflammation, and synaptic plasticity impairments induced by lipopolysaccharide in mice. <i>Journal of Neuroinflammation</i> , 2018, 15, 112.	3.1	160
4	Negativity towards negative results: a discussion of the disconnect between scientific worth and scientific culture. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 171-173.	1.2	152
5	Short- and long-term effects of antipsychotic drug treatment on weight gain and H1 receptor expression. <i>Psychoneuroendocrinology</i> , 2008, 33, 569-580.	1.3	89
6	The effects of maternal antidepressant use on offspring behaviour and brain development: Implications for risk of neurodevelopmental disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 80, 743-765.	2.9	80
7	Alterations of muscarinic and GABA receptor binding in the posterior cingulate cortex in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007, 31, 225-233.	2.5	79
8	Metabotropic glutamate receptor 5 in the pathology and treatment of schizophrenia. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 256-268.	2.9	75
9	High dose of simvastatin induces hyperlocomotive and anxiolytic-like activities: The association with the up-regulation of NMDA receptor binding in the rat brain. <i>Experimental Neurology</i> , 2009, 216, 132-138.	2.0	64
10	Molecular evidence of synaptic pathology in the CA1 region in schizophrenia. <i>NPJ Schizophrenia</i> , 2016, 2, 16022.	2.0	62
11	Metabotropic glutamate receptor mGluR2/3 and mGluR5 binding in the anterior cingulate cortex in psychotic and nonpsychotic depression, bipolar disorder and schizophrenia: implications for novel mGluR-based therapeutics. <i>Journal of Psychiatry and Neuroscience</i> , 2014, 39, 407-416.	1.4	60
12	Alterations of mGluR5 and its endogenous regulators Norbin, Tamalin and Preso1 in schizophrenia: towards a model of mGluR5 dysregulation. <i>Acta Neuropathologica</i> , 2015, 130, 119-129.	3.9	48
13	Tacrineâ€“Hydrogen Sulfide Donor Hybrid Ameliorates Cognitive Impairment in the Aluminum Chloride Mouse Model of Alzheimerâ€™s Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3500-3509.	1.7	47
14	Excitatory and inhibitory neurotransmission is chronically altered following perinatal NMDA receptor blockade. <i>European Neuropsychopharmacology</i> , 2009, 19, 256-265.	0.3	45
15	Dietary teasaponin ameliorates alteration of gut microbiota and cognitive decline in diet-induced obese mice. <i>Scientific Reports</i> , 2017, 7, 12203.	1.6	45
16	The kynurenine pathway in major depression: What we know and where to next. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 917-927.	2.9	42
17	Reciprocal signalling between NR2 subunits of the NMDA receptor and neuregulin1 and their role in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 896-904.	2.5	36
18	Shifting towards a model of mGluR5 dysregulation in schizophrenia: Consequences for future schizophrenia treatment. <i>Neuropharmacology</i> , 2017, 115, 73-91.	2.0	36

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19	Perinatal phencyclidine treatment alters neuregulin 1/erbB4 expression and activation in later life. <i>European Neuropsychopharmacology</i> , 2012, 22, 356-363.	0.3	35
20	Novel implications of Lingo-1 and its signaling partners in schizophrenia. <i>Translational Psychiatry</i> , 2014, 4, e348-e348.	2.4	35
21	Ionotropic glutamate receptor binding in the posterior cingulate cortex in schizophrenia patients. <i>NeuroReport</i> , 2005, 16, 1363-1367.	0.6	34
22	A neuregulin 1 transmembrane domain mutation causes imbalanced glutamatergic and dopaminergic receptor expression in mice. <i>Neuroscience</i> , 2013, 248, 670-680.	1.1	34
23	Metabotropic glutamate receptor 5 binding and protein expression in schizophrenia and following antipsychotic drug treatment. <i>Schizophrenia Research</i> , 2013, 146, 170-176.	1.1	34
24	Effect of cannabidiol on endocannabinoid, glutamatergic and GABAergic signalling markers in male offspring of a maternal immune activation (poly I:C) model relevant to schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 95, 109666.	2.5	34
25	Short and long term changes in NMDA receptor binding in mouse brain following chronic phencyclidine treatment. <i>Journal of Neural Transmission</i> , 2007, 114, 995-1001.	1.4	32
26	Cannabidiol improves behavioural and neurochemical deficits in adult female offspring of the maternal immune activation (poly I:C) model of neurodevelopmental disorders. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 574-587.	2.0	32
27	The Wistar-Kyoto rat model of endogenous depression: A tool for exploring treatment resistance with an urgent need to focus on sex differences. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109908.	2.5	29
28	Density of metabotropic glutamate receptors 2 and 3 (mGluR2/3) in the dorsolateral prefrontal cortex does not differ with schizophrenia diagnosis but decreases with age. <i>Schizophrenia Research</i> , 2011, 128, 56-60.	1.1	28
29	Perinatal exposure to fluoxetine increases anxiety- and depressive-like behaviours and alters glutamatergic markers in the prefrontal cortex and hippocampus of male adolescent rats: A comparison between Sprague-Dawley rats and the Wistar-Kyoto rat model of depression. <i>Journal of Psychopharmacology</i> , 2019, 33, 230-243.	2.0	28
30	Metabotropic glutamate receptor 5, and its trafficking molecules Norbin and Tamalin, are increased in the CA1 hippocampal region of subjects with schizophrenia. <i>Schizophrenia Research</i> , 2015, 166, 212-218.	1.1	27
31	Effects of antipsychotic medication on muscarinic M1 receptor mRNA expression in the rat brain. <i>Journal of Neuroscience Research</i> , 2008, 86, 457-464.	1.3	25
32	Luteolin, a natural flavonoid, inhibits methylglyoxal induced apoptosis via the mTOR/4E-BP1 signaling pathway. <i>Scientific Reports</i> , 2017, 7, 7877.	1.6	24
33	Neurodevelopmental Expression Profile of Dimeric and Monomeric Group 1 mGluRs: Relevance to Schizophrenia Pathogenesis and Treatment. <i>Scientific Reports</i> , 2016, 6, 34391.	1.6	23
34	Effects of common GRM5 genetic variants on cognition, hippocampal volume and mGluR5 protein levels in schizophrenia. <i>Brain Imaging and Behavior</i> , 2018, 12, 509-517.	1.1	22
35	Rethinking metabotropic glutamate receptor 5 pathological findings in psychiatric disorders: implications for the future of novel therapeutics. <i>BMC Psychiatry</i> , 2014, 14, 23.	1.1	21
36	Chronic treatment with simvastatin upregulates muscarinic M1/4 receptor binding in the rat brain. <i>Neuroscience</i> , 2008, 154, 1100-1106.	1.1	19

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37	Cholesteryl ester levels are elevated in the caudate and putamen of Huntington's disease patients. <i>Scientific Reports</i> , 2020, 10, 20314.	1.6	18
38	Rapid cortico-limbic alterations in AMPA receptor densities after administration of PCP: Implications for schizophrenia. <i>Journal of Chemical Neuroanatomy</i> , 2008, 36, 71-76.	1.0	14
39	Perinatal PCP treatment alters the developmental expression of prefrontal and hippocampal muscarinic receptors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 37-40.	2.5	14
40	Alterations of ubiquitin related proteins in the pathology and development of schizophrenia: Evidence from human and animal studies. <i>Journal of Psychiatric Research</i> , 2017, 90, 31-39.	1.5	11
41	Alterations in the kynurenine pathway and excitatory amino acid transporter-2 in depression with and without psychosis: Evidence of a potential astrocyte pathology. <i>Journal of Psychiatric Research</i> , 2022, 147, 203-211.	1.5	11
42	Opposing short- and long-term effects on muscarinic M1/4 receptor binding following chronic phencyclidine treatment. <i>Journal of Neuroscience Research</i> , 2007, 85, 1358-1363.	1.3	10
43	The long and the short of Huntington's disease: how the sphingolipid profile is shifted in the caudate of advanced clinical cases. <i>Brain Communications</i> , 2022, 4, fcab303.	1.5	10
44	Metabotropic glutamate receptor 5 in schizophrenia: emerging evidence for the development of antipsychotic drugs. <i>Future Medicinal Chemistry</i> , 2013, 5, 1471-1474.	1.1	9
45	GluN2B protein deficits in the left, but not the right, hippocampus in schizophrenia. <i>BMC Psychiatry</i> , 2014, 14, 274.	1.1	9
46	Prenatal methadone exposure impairs adolescent cognition and GABAergic neurodevelopment in a novel rat model of maternal methadone treatment. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 110, 110281.	2.5	9
47	A postmortem analysis of NMDA ionotropic and group 1 metabotropic glutamate receptors in the nucleus accumbens in schizophrenia. <i>Journal of Psychiatry and Neuroscience</i> , 2018, 43, 102-110.	1.4	9
48	Possibility of a sex-specific role for a genetic variant in FRMPD4 in schizophrenia, but not cognitive function. <i>NeuroReport</i> , 2016, 27, 33-38.	0.6	8
49	mGluR2/3 agonist LY379268 rescues NMDA and GABAA receptor level deficits induced in a two-hit mouse model of schizophrenia. <i>Psychopharmacology</i> , 2016, 233, 1349-1359.	1.5	7
50	N-Methyl-D-Aspartate receptor and inflammation in dorsolateral prefrontal cortex in schizophrenia. <i>Schizophrenia Research</i> , 2022, 240, 61-70.	1.1	6
51	Exercise and yoga during pregnancy and their impact on depression: a systematic literature review. <i>Archives of Women's Mental Health</i> , 2022, 25, 539-559.	1.2	6
52	Alterations of p75 neurotrophin receptor and Myelin transcription factor 1 in the hippocampus of perinatal phencyclidine treated rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 63, 91-97.	2.5	5
53	The effects of perinatal fluoxetine exposure on emotionality behaviours and cortical and hippocampal glutamatergic receptors in female Sprague-Dawley and Wistar-Kyoto rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 108, 110174.	2.5	4
54	Chronic Adolescent CDPPB Treatment Alters Short-Term, but not Long-Term, Glutamatergic Receptor Expression. <i>Neurochemical Research</i> , 2018, 43, 1683-1691.	1.6	3

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55	Perinatal administration of phencyclidine alters expression of Lingo-1 signaling pathway proteins in the prefrontal cortex of juvenile and adult rats. <i>Neuronal Signaling</i> , 2018, 2, NS20180059.	1.7	3
56	Phospholipid Profiles Are Selectively Altered in the Putamen and White Frontal Cortex of Huntington's Disease. <i>Nutrients</i> , 2022, 14, 2086.	1.7	3
57	Effects of short- and long-term aripiprazole treatment on Group I mGluRs in the nucleus accumbens: Comparison with haloperidol. <i>Psychiatry Research</i> , 2018, 260, 152-157.	1.7	2
58	Increased translocator protein (TSPO) binding throughout neurodevelopment in the perinatal phencyclidine rodent model of schizophrenia. <i>Schizophrenia Research</i> , 2019, 212, 243-245.	1.1	2
59	Poster #S173 METABOTROPIC GLUTAMATE RECEPTOR 5 DYSREGULATION IN SCHIZOPHRENIA. <i>Schizophrenia Research</i> , 2014, 153, S152.	1.1	1
60	Could an allied health care approach reduce the unacceptable incidence of suicide after psychiatric hospital discharge?. <i>Bipolar Disorders</i> , 2018, 20, 403-404.	1.1	1
61	Effects of GRASP variation on memory in psychiatrically healthy individuals and cognitive dysfunction in schizophrenics. <i>Gene Reports</i> , 2017, 6, 121-127.	0.4	0