

Nicholas J Brandon

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

132
papers

7,081
citations

41
h-index

82
g-index

142
ext. papers

8,228
ext. citations

8.3
avg, IF

5.57
L-index

#	Paper	IF	Citations
132	Phosphorylation-dependent control of Activity-regulated cytoskeleton-associated protein (Arc) protein by TNIK. <i>Journal of Neurochemistry</i> , 2021 , 158, 1058-1073	6	1
131	KCC2 is required for the survival of mature neurons but not for their development. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100364	5.4	4
130	Axl receptor tyrosine kinase is a regulator of apolipoprotein E. <i>Molecular Brain</i> , 2020 , 13, 66	4.5	5
129	Variation of Human Neural Stem Cells Generating Organizer States In Vitro before Committing to Cortical Excitatory or Inhibitory Neuronal Fates. <i>Cell Reports</i> , 2020 , 31, 107599	10.6	7
128	Estradiol reverses excitatory synapse loss in a cellular model of neuropsychiatric disorders. <i>Translational Psychiatry</i> , 2020 , 10, 16	8.6	5
127	The clinical trial landscape in amyotrophic lateral sclerosis-Past, present, and future. <i>Medicinal Research Reviews</i> , 2020 , 40, 1352-1384	14.4	26
126	Dissecting transcriptomic signatures of neuronal differentiation and maturation using iPSCs. <i>Nature Communications</i> , 2020 , 11, 462	17.4	37
125	Chorea-related mutations in PDE10A result in aberrant compartmentalization and functionality of the enzyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 677-688	11.5	5
124	Isolation and Characterization of Multi-Protein Complexes Enriched in the K-Cl Co-transporter 2 From Brain Plasma Membranes. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 563091	6.1	5
123	Schizophrenia risk variants influence multiple classes of transcripts of sorting nexin 19 (SNX19). <i>Molecular Psychiatry</i> , 2020 , 25, 831-843	15.1	17
122	L-type voltage-gated calcium channel regulation of in vitro human cortical neuronal networks. <i>Scientific Reports</i> , 2019 , 9, 13810	4.9	10
121	SAR inspired by aldehyde oxidase (AO) metabolism: Discovery of novel, CNS penetrant tricyclic M PAMs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 2224-2228	2.9	3
120	Phosphorylation of Glutamine Synthetase on Threonine 301 Contributes to Its Inactivation During Epilepsy. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 120	6.1	4
119	VU6005806/AZN-00016130, an advanced M positive allosteric modulator (PAM) profiled as a potential preclinical development candidate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 1714-1718	2.9	5
118	Tool inhibitors and assays to interrogate the biology of the TRAF2 and NCK interacting kinase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 1962-1967	2.9	4
117	PDE10A mutations help to unwrap the neurobiology of hyperkinetic disorders. <i>Cellular Signalling</i> , 2019 , 60, 31-38	4.9	4
116	Identification of a Core Amino Acid Motif within the β Subunit of GABARs that Promotes Inhibitory Synaptogenesis and Resilience to Seizures. <i>Cell Reports</i> , 2019 , 28, 670-681.e8	10.6	10

115	Developmental Regulation of KCC2 Phosphorylation Has Long-Term Impacts on Cognitive Function. <i>Frontiers in Molecular Neuroscience</i> , 2019 , 12, 173	6.1	23
114	Inactive USP14 and inactive UCHL5 cause accumulation of distinct ubiquitinated proteins in mammalian cells. <i>PLoS ONE</i> , 2019 , 14, e0225145	3.7	3
113	Small molecule inducers of ABCA1 and apoE that act through indirect activation of the LXR pathway. <i>Journal of Lipid Research</i> , 2018 , 59, 830-842	6.3	26
112	Cognitive enhancement and antipsychotic-like activity following repeated dosing with the selective M PAM VU0467154. <i>Neuropharmacology</i> , 2018 , 128, 492-502	5.5	21
111	Developmental and genetic regulation of the human cortex transcriptome illuminate schizophrenia pathogenesis. <i>Nature Neuroscience</i> , 2018 , 21, 1117-1125	25.5	176
110	Novel inhibitors of As(III) S-adenosylmethionine methyltransferase (AS3MT) identified by virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 3231-3235	2.9	5
109	Developmental seizures and mortality result from reducing GABA receptor α -subunit interaction with collybistin. <i>Nature Communications</i> , 2018 , 9, 3130	17.4	31
108	Locally Reducing KCC2 Activity in the Hippocampus is Sufficient to Induce Temporal Lobe Epilepsy. <i>EBioMedicine</i> , 2018 , 32, 62-71	8.8	23
107	Potentiating KCC2 activity is sufficient to limit the onset and severity of seizures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10166-10171	11.5	47
106	O10.7. INVESTIGATING THE MECHANISMS UNDERLYING THE BENEFICIAL EFFECTS OF ESTROGENS IN SCHIZOPHRENIA. <i>Schizophrenia Bulletin</i> , 2018 , 44, S105-S105	1.3	78
105	Deficits in the activity of presynaptic β -aminobutyric acid type B receptors contribute to altered neuronal excitability in fragile X syndrome. <i>Journal of Biological Chemistry</i> , 2017 , 292, 6621-6632	5.4	29
104	Optimization of M positive allosteric modulators (PAMs): The discovery of VU0476406, a non-human primate in vivo tool compound for translational pharmacology. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2296-2301	2.9	15
103	Challenges in the development of an M PAM preclinical candidate: The discovery, SAR, and in vivo characterization of a series of 3-aminoazetidine-derived amides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 2990-2995	2.9	12
102	Discovery of VU0467485/AZ13713945: An M PAM Evaluated as a Preclinical Candidate for the Treatment of Schizophrenia. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 233-238	4.3	34
101	Effects of environmental risks and polygenic loading for schizophrenia on cortical thickness. <i>Schizophrenia Research</i> , 2017 , 184, 128-136	3.6	29
100	Challenges in the development of an M PAM in vivo tool compound: The discovery of VU0467154 and unexpected DMPK profiles of close analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 171-175	2.9	25
99	Estradiol modulates the efficacy of synaptic inhibition by decreasing the dwell time of GABA receptors at inhibitory synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 11763-11768	11.5	31
98	Challenges in the development of an M PAM preclinical candidate: The discovery, SAR, and biological characterization of a series of azetidine-derived tertiary amides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 5179-5184	2.9	13

97	Seizing Control of KCC2: A New Therapeutic Target for Epilepsy. <i>Trends in Neurosciences</i> , 2017 , 40, 555-573	13	75
96	Molecular architecture of potassium chloride co-transporter KCC2. <i>Scientific Reports</i> , 2017 , 7, 16452	4.9	34
95	The small molecule CLP257 does not modify activity of the K-Cl co-transporter KCC2 but does potentiate GABA receptor activity. <i>Nature Medicine</i> , 2017 , 23, 1394-1396	50.5	28
94	X-ray Characterization and Structure-Based Optimization of Striatal-Enriched Protein Tyrosine Phosphatase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 9299-9319	8.3	12
93	Verbal working memory and functional large-scale networks in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2017 , 270, 86-96	2.9	4
92	-Ethylmaleimide increases KCC2 cotransporter activity by modulating transporter phosphorylation. <i>Journal of Biological Chemistry</i> , 2017 , 292, 21253-21263	5.4	18
91	Cytoplasmic Relocalization of TAR DNA-Binding Protein 43 Is Not Sufficient to Reproduce Cellular Pathologies Associated with ALS. <i>Frontiers in Molecular Neuroscience</i> , 2017 , 10, 46	6.1	13
90	Truncation of the TAR DNA-binding protein 43 is not a prerequisite for cytoplasmic relocalization, and is suppressed by caspase inhibition and by introduction of the A90V sequence variant. <i>PLoS ONE</i> , 2017 , 12, e0177181	3.7	17
89	Current Understanding of PDE10A in the Modulation of Basal Ganglia Circuitry. <i>Advances in Neurobiology</i> , 2017 , 17, 15-43	2.1	7
88	Identification of Phosphorylation Consensus Sequences and Endogenous Neuronal Substrates of the Psychiatric Risk Kinase TNIK. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016 , 356, 410-423	4.7	20
87	Advancing drug discovery for neuropsychiatric disorders using patient-specific stem cell models. <i>Molecular and Cellular Neurosciences</i> , 2016 , 73, 104-15	4.8	39
86	Early postnatal GABAA receptor modulation reverses deficits in neuronal maturation in a conditional neurodevelopmental mouse model of DISC1. <i>Molecular Psychiatry</i> , 2016 , 21, 1449-59	15.1	23
85	State-dependent alterations in sleep/wake architecture elicited by the M4 PAM VU0467154 - Relation to antipsychotic-like drug effects. <i>Neuropharmacology</i> , 2016 , 102, 244-53	5.5	17
84	Balanced translocation linked to psychiatric disorder, glutamate, and cortical structure/function. <i>NPJ Schizophrenia</i> , 2016 , 2, 16024	5.5	28
83	Biallelic Mutations in PDE10A Lead to Loss of Striatal PDE10A and a Hyperkinetic Movement Disorder with Onset in Infancy. <i>American Journal of Human Genetics</i> , 2016 , 98, 735-43	11	48
82	SUMOylation of DISC1: a potential role in neural progenitor proliferation in the developing cortex. <i>Molecular Neuropsychiatry</i> , 2016 , 2, 20-27	4.9	3
81	A human-specific AS3MT isoform and BORCS7 are molecular risk factors in the 10q24.32 schizophrenia-associated locus. <i>Nature Medicine</i> , 2016 , 22, 649-56	50.5	112
80	Compromising KCC2 transporter activity enhances the development of continuous seizure activity. <i>Neuropharmacology</i> , 2016 , 108, 103-10	5.5	28

79	Uncovering the function of Disrupted in Schizophrenia 1 through interactions with the cAMP phosphodiesterase PDE4: Contributions of the Houslay lab to molecular psychiatry. <i>Cellular Signalling</i> , 2016 , 28, 749-52	4.9	4
78	Discovery and SAR of a novel series of potent, CNS penetrant M4 PAMs based on a non-enolizable ketone core: Challenges in disposition. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4282-6	2.9	11
77	Searching for cognitive enhancement in the Morris water maze: better and worse performance in D-amino acid oxidase knockout (Dao(-/-)) mice. <i>European Journal of Neuroscience</i> , 2016 , 43, 979-89	3.5	17
76	KCC2 activity is critical in limiting the onset and severity of status epilepticus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 3523-8	11.5	85
75	The cellular target of antidepressants. <i>Nature Neuroscience</i> , 2015 , 18, 1537-8	25.5	5
74	Compromising the phosphodependent regulation of the GABAAR β subunit reproduces the core phenotypes of autism spectrum disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14805-10	11.5	36
73	d-amino acid oxidase knockout (Dao(-/-)) mice show enhanced short-term memory performance and heightened anxiety, but no sleep or circadian rhythm disruption. <i>European Journal of Neuroscience</i> , 2015 , 41, 1167-79	3.5	21
72	Organization of TNIK in dendritic spines. <i>Journal of Comparative Neurology</i> , 2015 , 523, 1913-24	3.4	11
71	Selective inhibition of KCC2 leads to hyperexcitability and epileptiform discharges in hippocampal slices and in vivo. <i>Journal of Neuroscience</i> , 2015 , 35, 8291-6	6.6	62
70	Schizophrenia drug discovery and development in an evolving era: are new drug targets fulfilling expectations?. <i>Journal of Psychopharmacology</i> , 2015 , 29, 230-8	4.6	42
69	Emerging biology of PDE10A. <i>Current Pharmaceutical Design</i> , 2015 , 21, 378-88	3.3	38
68	Molecular And Cellular Understanding of PDE10A: A Dual-Substrate Phosphodiesterase with Therapeutic Potential to Modulate Basal Ganglia Function 2014 , 247-268		4
67	Compartmentalization and Regulation of Cyclic Nucleotide Signaling in The CNS 2014 , 59-76		1
66	Putting Together The Pieces of Phosphodiesterase Distribution Patterns In The Brain: A Jigsaw Puzzle of Cyclic Nucleotide Regulation 2014 , 47-58		4
65	Pharmacological Manipulation of Cyclic Nucleotide Phosphodiesterase Signaling for The Treatment of Neurological and Psychiatric Disorders In The Brain 2014 , 77-114		1
64	Recent Results In Phosphodiesterase Inhibitor Development and CNS Applications 2014 , 115-144		
63	The Role of Phosphodiesterases in Dopamine Systems governing Motivated Behavior 2014 , 303-352		
62	Crystal Structures of Phosphodiesterases and Implication on Discovery of Inhibitors 2014 , 145-170		

61	Inhibition of Cyclic Nucleotide Phosphodiesterases to Regulate Memory 2014 , 171-210		
60	Emerging Role for PDE4 in Neuropsychiatric Disorders: Translating Advances from Genetic Studies Into Relevant Therapeutic Strategies 2014 , 211-222		1
59	Disrupted in schizophrenia 1 and synaptic function in the mammalian central nervous system. <i>European Journal of Neuroscience</i> , 2014 , 39, 1068-73	3.5	10
58	Selective activation of M4 muscarinic acetylcholine receptors reverses MK-801-induced behavioral impairments and enhances associative learning in rodents. <i>ACS Chemical Neuroscience</i> , 2014 , 5, 920-42	5.7	88
57	Regulation of N-methyl-D-aspartate receptors by disrupted-in-schizophrenia-1. <i>Biological Psychiatry</i> , 2014 , 75, 414-424	7.9	36
56	Phosphodiesterases and Cyclic Nucleotide Signaling In The CNS 2014 , 1-46		2
55	Chemoproteomics demonstrates target engagement and exquisite selectivity of the clinical phosphodiesterase 10A inhibitor MP-10 in its native environment. <i>ACS Chemical Biology</i> , 2014 , 9, 2823-32	4.9	20
54	Increased burst-firing of ventral tegmental area dopaminergic neurons in D-amino acid oxidase knockout mice in vivo. <i>European Journal of Neuroscience</i> , 2014 , 40, 2999-3009	3.5	11
53	Future viable models of psychiatry drug discovery in pharma. <i>Journal of Biomolecular Screening</i> , 2013 , 18, 509-21		12
52	The ability of BDNF to modify neurogenesis and depressive-like behaviors is dependent upon phosphorylation of tyrosine residues 365/367 in the GABA(A)-receptor α subunit. <i>Journal of Neuroscience</i> , 2013 , 33, 15567-77	6.6	44
51	The road ahead: A perspective of drug discovery in psychiatry in 2013 from inside an evolving industry. <i>Biochemist</i> , 2013 , 35, 24-29	0.5	1
50	Novel triazines as potent and selective phosphodiesterase 10A inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 5876-84	2.9	19
49	2-(Pyrrolidin-1-yl)ethyl-3,4-dihydroisoquinolin-1(2H)-one derivatives as potent and selective histamine-3 receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 2452-68	8.3	13
48	Disrupted in Schizophrenia 1 forms pathological aggresomes that disrupt its function in intracellular transport. <i>Human Molecular Genetics</i> , 2012 , 21, 2017-28	5.6	46
47	Pharmacokinetics of oral D-serine in D-amino acid oxidase knockout mice. <i>Drug Metabolism and Disposition</i> , 2012 , 40, 2067-73	4	31
46	Linking neurodevelopmental and synaptic theories of mental illness through DISC1. <i>Nature Reviews Neuroscience</i> , 2011 , 12, 707-22	13.5	327
45	Highly potent, selective, and orally active phosphodiesterase 10A inhibitors. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 7621-38	8.3	55
44	DISC1 at 10: connecting psychiatric genetics and neuroscience. <i>Trends in Molecular Medicine</i> , 2011 , 17, 699-706	11.5	111

43	Regulation of the cytoskeleton by Disrupted-in-schizophrenia 1 (DISC1). <i>Molecular and Cellular Neurosciences</i> , 2011 , 48, 359-64	4.8	23
42	The psychiatric disease risk factors DISC1 and TNIK interact to regulate synapse composition and function. <i>Molecular Psychiatry</i> , 2011 , 16, 1006-23	15.1	105
41	Pyrrolidin-3-yl-N-methylbenzamides as potent histamine 3 receptor antagonists. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 5957-60	2.9	
40	Taking a bird's eye view on a mouse model review: a comparison of findings from mouse models targeting DISC1 or DISC1-interacting proteins. <i>Future Neurology</i> , 2011 , 6, 661-677	1.5	7
39	D-amino acid oxidase activity is inhibited by an interaction with bassoon protein at the presynaptic active zone. <i>Journal of Biological Chemistry</i> , 2011 , 286, 28867-28875	5.4	21
38	Disrupted-in-Schizophrenia 1 (DISC1) regulates spines of the glutamate synapse via Rac1. <i>Nature Neuroscience</i> , 2010 , 13, 327-32	25.5	323
37	Estrogen receptor β activity modulates synaptic signaling and structure. <i>Journal of Neuroscience</i> , 2010 , 30, 13454-60	6.6	72
36	Interplay of palmitoylation and phosphorylation in the trafficking and localization of phosphodiesterase 10A: implications for the treatment of schizophrenia. <i>Journal of Neuroscience</i> , 2010 , 30, 9027-37	6.6	77
35	What happened when the environment met DISC1? Showing the interactive effects of poly I:C and DISC1 on mouse phenotypes related to mood disorders. <i>Biological Psychiatry</i> , 2010 , 68, 1080-1	7.9	
34	Discovery of imidazo[1,5-a]pyrido[3,2-e]pyrazines as a new class of phosphodiesterase 10A inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 4399-411	8.3	59
33	Fyn kinase contributes to tyrosine phosphorylation of the GABA(A) receptor gamma2 subunit. <i>Molecular and Cellular Neurosciences</i> , 2010 , 44, 129-34	4.8	41
32	Identification and characterisation of a Maf1/Macoco protein complex that interacts with GABAA receptors in neurons. <i>Molecular and Cellular Neurosciences</i> , 2010 , 44, 330-41	4.8	11
31	Assessing the role of endooligopeptidase activity of Ndel1 (nuclear-distribution gene E homolog like-1) in neurite outgrowth. <i>Molecular and Cellular Neurosciences</i> , 2010 , 44, 353-61	4.8	29
30	Phosphodiesterase 11A in brain is enriched in ventral hippocampus and deletion causes psychiatric disease-related phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 8457-62	11.5	53
29	The behavioral and neurochemical effects of a novel D-amino acid oxidase inhibitor compound 8 [4H-thieno [3,2-b]pyrrole-5-carboxylic acid] and D-serine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 328, 921-30	4.7	74
28	Understanding the role of DISC1 in psychiatric disease and during normal development. <i>Journal of Neuroscience</i> , 2009 , 29, 12768-75	6.6	147
27	Phosphodiesterase 10A inhibitor activity in preclinical models of the positive, cognitive, and negative symptoms of schizophrenia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009 , 331, 574-90	4.7	222
26	Deficits in spatial memory correlate with modified γ -aminobutyric acid type A receptor tyrosine phosphorylation in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 20039-44	11.5	49

25	Cytoskeletal changes underlie estrogen's acute effects on synaptic transmission and plasticity. <i>Journal of Neuroscience</i> , 2009 , 29, 12982-93	6.6	204
24	Neurodevelopmental mechanisms of schizophrenia: understanding disturbed postnatal brain maturation through neuregulin-1-ErbB4 and DISC1. <i>Trends in Neurosciences</i> , 2009 , 32, 485-95	13.3	273
23	GABA(A) receptors and their associated proteins: implications in the etiology and treatment of schizophrenia and related disorders. <i>Neuropharmacology</i> , 2009 , 57, 481-95	5.5	88
22	The orphan GPCR, GPR88, modulates function of the striatal dopamine system: a possible therapeutic target for psychiatric disorders?. <i>Molecular and Cellular Neurosciences</i> , 2009 , 42, 438-47	4.8	62
21	Estrogen receptor neurobiology and its potential for translation into broad spectrum therapeutics for CNS disorders. <i>Current Molecular Pharmacology</i> , 2009 , 2, 215-36	3.7	42
20	Activation of estrogen receptor-beta regulates hippocampal synaptic plasticity and improves memory. <i>Nature Neuroscience</i> , 2008 , 11, 334-43	25.5	381
19	Ndel1 alters its conformation by sequestering cAMP-specific phosphodiesterase-4D3 (PDE4D3) in a manner that is dynamically regulated through Protein Kinase A (PKA). <i>Cellular Signalling</i> , 2008 , 20, 2356-69	4.9	41
18	How has DISC1 enabled drug discovery?. <i>Molecular and Cellular Neurosciences</i> , 2008 , 37, 187-95	4.8	30
17	Schizophrenia-related neural and behavioral phenotypes in transgenic mice expressing truncated Disc1. <i>Journal of Neuroscience</i> , 2008 , 28, 10893-904	6.6	223
16	DISC1 and PDE4B are interacting genetic factors in schizophrenia that regulate cAMP signaling. <i>Science</i> , 2005 , 310, 1187-91	33.3	542
15	Inhibition of NUDEL (nuclear distribution element-like)-oligopeptidase activity by disrupted-in-schizophrenia 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 3828-33	11.5	60
14	A-kinase anchoring protein 79/150 facilitates the phosphorylation of GABA(A) receptors by cAMP-dependent protein kinase via selective interaction with receptor beta subunits. <i>Molecular and Cellular Neurosciences</i> , 2003 , 22, 87-97	4.8	86
13	Multiple roles of protein kinases in the modulation of gamma-aminobutyric acid(A) receptor function and cell surface expression 2002 , 94, 113-22		111
12	Receptor for activated C kinase-1 facilitates protein kinase C-dependent phosphorylation and functional modulation of GABA(A) receptors with the activation of G-protein-coupled receptors. <i>Journal of Neuroscience</i> , 2002 , 22, 6353-61	6.6	81
11	GABAA receptor phosphorylation and functional modulation in cortical neurons by a protein kinase C-dependent pathway. <i>Journal of Biological Chemistry</i> , 2000 , 275, 38856-62	5.4	151
10	Subunit-specific association of protein kinase C and the receptor for activated C kinase with GABA type A receptors. <i>Journal of Neuroscience</i> , 1999 , 19, 9228-34	6.6	110
9	Cell surface stability of gamma-aminobutyric acid type A receptors. Dependence on protein kinase C activity and subunit composition. <i>Journal of Biological Chemistry</i> , 1999 , 274, 36565-72	5.4	152
8	GABA(A)-receptor-associated protein links GABA(A) receptors and the cytoskeleton. <i>Nature</i> , 1999 , 397, 69-72	50.4	648

7	KCC2 is required for the survival of mature neurons but not for their development	1
6	L-type voltage-gated calcium channel regulation of in vitro human cortical neuronal networks	1
5	Developmental and genetic regulation of the human cortex transcriptome in schizophrenia	7
4	Miro ubiquitination is critical for efficient damage-induced PINK1/Parkin-mediated mitophagy	2
3	Comprehensive assessment of multiple biases in small RNA sequencing reveals significant differences in the performance of widely used methods	1
2	The cortico-striatal circuit regulates sensorimotor gating via Disc1/Huntingtin-mediated Bdnf transport	2
1	Phosphorylation-dependent control of Arc protein by synaptic plasticity regulator TNIK	1