

Paul Greengard

List of Publications by Year in Descending Order

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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.

472
papers

59,633
citations

136
h-index

227
g-index

496
ext. papers

64,594
ext. citations

12.8
avg, IF

7.37
L-index

#	Paper	IF	Citations
472	Modulation of amyloid precursor protein cleavage by β secretase activating protein through phase separation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2122292119	11.5	1
471	Activation of the p11/SMARCA3/Neurensin-2 pathway in parvalbumin interneurons mediates the response to chronic antidepressants. <i>Molecular Psychiatry</i> , 2021 , 26, 3350-3362	15.1	0
470	Identification of Neurensin-2 as a novel modulator of emotional behavior. <i>Molecular Psychiatry</i> , 2021 , 26, 2872-2885	15.1	3
469	GSAP regulates lipid homeostasis and mitochondrial function associated with Alzheimer's disease. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	6
468	The dentate gyrus in depression. <i>European Journal of Neuroscience</i> , 2021 , 53, 39-64	3.5	8
467	Serotonin receptor 4 in the hippocampus modulates mood and anxiety. <i>Molecular Psychiatry</i> , 2021 , 26, 2334-2349	15.1	6
466	Ependymal cells-CSF flow regulates stress-induced depression. <i>Molecular Psychiatry</i> , 2021 ,	15.1	3
465	Brain Permeable Tafamidis Amide Analogs for Stabilizing TTR and Reducing APP Cleavage. <i>ACS Medicinal Chemistry Letters</i> , 2020 , 11, 1973-1979	4.3	3
464	Reduced Kv3.1 Activity in Dentate Gyrus Parvalbumin Cells Induces Vulnerability to Depression. <i>Biological Psychiatry</i> , 2020 , 88, 405-414	7.9	12
463	Selective Neuronal Vulnerability in Alzheimer's Disease: A Network-Based Analysis. <i>Neuron</i> , 2020 , 107, 821-835.e12	13.9	35
462	AP-1 controls the p11-dependent antidepressant response. <i>Molecular Psychiatry</i> , 2020 , 25, 1364-1381	15.1	7
461	C99 selectively accumulates in vulnerable neurons in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, 273-282	1.2	24
460	Dopamine metabolism by a monoamine oxidase mitochondrial shuttle activates the electron transport chain. <i>Nature Neuroscience</i> , 2020 , 23, 15-20	25.5	42
459	Presenilin 1 phosphorylation regulates amyloid- β degradation by microglia. <i>Molecular Psychiatry</i> , 2020 ,	15.1	7
458	The innate immunity protein IFITM3 modulates β secretase in Alzheimer's disease. <i>Nature</i> , 2020 , 586, 735-740	50.4	87
457	Lack of a site-specific phosphorylation of Presenilin 1 disrupts microglial gene networks and progenitors during development. <i>PLoS ONE</i> , 2020 , 15, e0237773	3.7	5
456	A Pentacyclic Triterpene from Targets β Secretase. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 2827-2835	5.7	2

455	Obligatory roles of dopamine D1 receptors in the dentate gyrus in antidepressant actions of a selective serotonin reuptake inhibitor, fluoxetine. <i>Molecular Psychiatry</i> , 2020 , 25, 1229-1244	15.1	19
454	Amelioration of autism-like social deficits by targeting histone methyltransferases EHMT1/2 in Shank3-deficient mice. <i>Molecular Psychiatry</i> , 2020 , 25, 2517-2533	15.1	26
453	CK1 β -over-expressing mice display ADHD-like behaviors, frontostriatal neuronal abnormalities and altered expressions of ADHD-candidate genes. <i>Molecular Psychiatry</i> , 2020 , 25, 3322-3336	15.1	3
452	Ahnak scaffolds p11/Anxa2 complex and L-type voltage-gated calcium channel and modulates depressive behavior. <i>Molecular Psychiatry</i> , 2020 , 25, 1035-1049	15.1	20
451	Emergence of 5-HT _{5A} signaling in parvalbumin neurons mediates delayed antidepressant action. <i>Molecular Psychiatry</i> , 2020 , 25, 1191-1201	15.1	16
450	Hippocampal mossy cell involvement in behavioral and neurogenic responses to chronic antidepressant treatment. <i>Molecular Psychiatry</i> , 2020 , 25, 1215-1228	15.1	11
449	Mapping the physiological and molecular markers of stress and SSRI antidepressant treatment in S100a10 corticostriatal neurons. <i>Molecular Psychiatry</i> , 2020 , 25, 1112-1129	15.1	6
448	Loss of SATB1 Induces p21-Dependent Cellular Senescence in Post-mitotic Dopaminergic Neurons. <i>Cell Stem Cell</i> , 2019 , 25, 514-530.e8	18	44
447	Cholinergic Neurons of the Medial Septum Are Crucial for Sensorimotor Gating. <i>Journal of Neuroscience</i> , 2019 , 39, 5234-5242	6.6	9
446	GSAP modulates β -secretase specificity by inducing conformational change in PS1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 6385-6390	11.5	29
445	A Role of Drd2 Hippocampal Neurons in Context-Dependent Food Intake. <i>Neuron</i> , 2019 , 102, 873-886.e513.9	13.9	27
444	HCN2 Channels in Cholinergic Interneurons of Nucleus Accumbens Shell Regulate Depressive Behaviors. <i>Neuron</i> , 2019 , 101, 662-672.e5	13.9	42
443	Elevation of p11 in lateral habenula mediates depression-like behavior. <i>Molecular Psychiatry</i> , 2018 , 23, 1113-1119	15.1	36
442	p11 in Cholinergic Interneurons of the Nucleus Accumbens Is Essential for Dopamine Responses to Rewarding Stimuli. <i>ENeuro</i> , 2018 , 5,	3.9	9
441	CK2 regulates 5-HT ₄ receptor signaling and modulates depressive-like behavior. <i>Molecular Psychiatry</i> , 2018 , 23, 872-882	15.1	15
440	Gleevec shifts APP processing from a β -cleavage to a nonamyloidogenic cleavage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 1389-1394	11.5	19
439	Alterations of p11 in brain tissue and peripheral blood leukocytes in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 2735-2740	11.5	24
438	WAVE1 in neurons expressing the D1 dopamine receptor regulates cellular and behavioral actions of cocaine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 1395-1400	11.5	10

437	ARPP-16 Is a Striatal-Enriched Inhibitor of Protein Phosphatase 2A Regulated by Microtubule-Associated Serine/Threonine Kinase 3 (Mast 3 Kinase). <i>Journal of Neuroscience</i> , 2017 , 37, 2709-2722	6.6	27
436	Bidirectional regulation of A β levels by Presenilin 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 7142-7147	11.5	32
435	Phosphorylated Presenilin 1 decreases β amyloid by facilitating autophagosome-lysosome fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 7148-7153	11.5	43
434	Genetic evidence for role of integration of fast and slow neurotransmission in schizophrenia. <i>Molecular Psychiatry</i> , 2017 , 22, 792-801	15.1	48
433	Glutamate Counteracts Dopamine/PKA Signaling via Dephosphorylation of DARPP-32 Ser-97 and Alteration of Its Cytonuclear Distribution. <i>Journal of Biological Chemistry</i> , 2017 , 292, 1462-1476	5.4	18
432	Role of the Astroglial Glutamate Exchanger xCT in Ventral Hippocampus in Resilience to Stress. <i>Neuron</i> , 2017 , 96, 402-413.e5	13.9	71
431	Identifying therapeutic targets by combining transcriptional data with ordinal clinical measurements. <i>Nature Communications</i> , 2017 , 8, 623	17.4	18
430	Initiation of Behavioral Response to Antidepressants by Cholecystokinin Neurons of the Dentate Gyrus. <i>Neuron</i> , 2017 , 95, 564-576.e4	13.9	31
429	Reactive Dopamine Leads to Triple Trouble in Nigral Neurons. <i>Biochemistry</i> , 2017 , 56, 6409-6410	3.2	4
428	Cell- and region-specific expression of depression-related protein p11 (S100a10) in the brain. <i>Journal of Comparative Neurology</i> , 2017 , 525, 955-975	3.4	26
427	Cellular and molecular basis for stress-induced depression. <i>Molecular Psychiatry</i> , 2017 , 22, 1440-1447	15.1	87
426	Reciprocal regulation of ARPP-16 by PKA and MAST3 kinases provides a cAMP-regulated switch in protein phosphatase 2A inhibition. <i>ELife</i> , 2017 , 6,	8.9	16
425	Three-Dimensional Study of Alzheimer's Disease Hallmarks Using the iDISCO Clearing Method. <i>Cell Reports</i> , 2016 , 16, 1138-1152	10.6	117
424	p11 modulates L-DOPA therapeutic effects and dyskinesia via distinct cell types in experimental Parkinsonism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1429-34	11.5	8
423	Gene therapy blockade of dorsal striatal p11 improves motor function and dyskinesia in parkinsonian mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1423-8	11.5	13
422	Opposing roles for serotonin in cholinergic neurons of the ventral and dorsal striatum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 734-9	11.5	27
421	Regulation of Striatal Signaling by Protein Phosphatases. <i>Handbook of Behavioral Neuroscience</i> , 2016 , 583-607	0.7	3
420	Transient Activation of GABAB Receptors Suppresses SK Channel Currents in Substantia Nigra Pars Compacta Dopaminergic Neurons. <i>PLoS ONE</i> , 2016 , 11, e0169044	3.7	8

4 ¹⁹	Knockout of p11 attenuates the acquisition and reinstatement of cocaine conditioned place preference in male but not in female mice. <i>Synapse</i> , 2016 , 70, 293-301	2.4	4
4 ¹⁸	ECOP modulates A β peptide formation via retrograde trafficking of APP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5412-7	11.5	14
4 ¹⁷	Relevance of the COPI complex for Alzheimer's disease progression in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 5418-23	11.5	19
4 ¹⁶	Identification of neurodegenerative factors using translome-regulatory network analysis. <i>Nature Neuroscience</i> , 2015 , 18, 1325-33	25.5	78
4 ¹⁵	Norbin ablation results in defective adult hippocampal neurogenesis and depressive-like behavior in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 9745-50	11.5	35
4 ¹⁴	The role of ventral striatal cAMP signaling in stress-induced behaviors. <i>Nature Neuroscience</i> , 2015 , 18, 1094-100	25.5	50
4 ¹³	Role of Dopamine Type 1 Receptors and Dopamine- and cAMP-Regulated Phosphoprotein Mr 32 kDa in β -Tetrahydrocannabinol-Mediated Induction of FosB in the Mouse Forebrain. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 354, 316-27	4.7	8
4 ¹²	APP intracellular domain-WAVE1 pathway reduces amyloid- β production. <i>Nature Medicine</i> , 2015 , 21, 1054-9	50.5	25
4 ¹¹	Alteration by p11 of mGluR5 localization regulates depression-like behaviors. <i>Molecular Psychiatry</i> , 2015 , 20, 1546-56	15.1	45
4 ¹⁰	Hypothalamic Amylin Acts in Concert with Leptin to Regulate Food Intake. <i>Cell Metabolism</i> , 2015 , 22, 1059-67	24.6	67
4 ⁰⁹	M4 Muscarinic Receptor Signaling Ameliorates Striatal Plasticity Deficits in Models of L-DOPA-Induced Dyskinesia. <i>Neuron</i> , 2015 , 88, 762-73	13.9	129
4 ⁰⁸	DARPP-32 interaction with adducin may mediate rapid environmental effects on striatal neurons. <i>Nature Communications</i> , 2015 , 6, 10099	17.4	27
4 ⁰⁷	p11 regulates the surface localization of mGluR5. <i>Molecular Psychiatry</i> , 2015 , 20, 1485	15.1	1
4 ⁰⁶	Protein kinase A directly phosphorylates metabotropic glutamate receptor 5 to modulate its function. <i>Journal of Neurochemistry</i> , 2015 , 132, 677-86	6	18
4 ⁰⁵	Cell type-specific mRNA purification by translating ribosome affinity purification (TRAP). <i>Nature Protocols</i> , 2014 , 9, 1282-91	18.8	244
4 ⁰⁴	Cell type-specific plasticity of striatal projection neurons in parkinsonism and L-DOPA-induced dyskinesia. <i>Nature Communications</i> , 2014 , 5, 5316	17.4	181
4 ⁰³	Impaired TrkB receptor signaling underlies corticostriatal dysfunction in Huntington's disease. <i>Neuron</i> , 2014 , 83, 178-88	13.9	128
4 ⁰²	Preliminary evidence that early reduction in p11 levels in natural killer cells and monocytes predicts the likelihood of antidepressant response to chronic citalopram. <i>Molecular Psychiatry</i> , 2014 , 19, 962-4	15.1	26

401	Molecular determinants of selective dopaminergic vulnerability in Parkinson's disease: an update. <i>Frontiers in Neuroanatomy</i> , 2014 , 8, 152	3.6	126
400	The convergence of endosomal and autophagosomal pathways: implications for APP-CTF degradation. <i>Autophagy</i> , 2014 , 10, 694-6	10.2	24
399	Ischemic stroke injury is mediated by aberrant Cdk5. <i>Journal of Neuroscience</i> , 2014 , 34, 8259-67	6.6	54
398	Nitric oxide regulates synaptic transmission between spiny projection neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 17636-41	11.5	20
397	Inhibitor of the tyrosine phosphatase STEP reverses cognitive deficits in a mouse model of Alzheimer's disease. <i>PLoS Biology</i> , 2014 , 12, e1001923	9.7	95
396	Molecular adaptations of striatal spiny projection neurons during levodopa-induced dyskinesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 4578-83	11.5	81
395	Cell-type specific expression of p11 controls cocaine reward. <i>Biological Psychiatry</i> , 2014 , 76, 794-801	7.9	24
394	Bidirectional regulation of emotional memory by 5-HT1B receptors involves hippocampal p11. <i>Molecular Psychiatry</i> , 2013 , 18, 1096-105	15.1	34
393	Advances in the pharmacological treatment of Parkinson's disease: targeting neurotransmitter systems. <i>Trends in Neurosciences</i> , 2013 , 36, 543-54	13.3	144
392	p11 and its role in depression and therapeutic responses to antidepressants. <i>Nature Reviews Neuroscience</i> , 2013 , 14, 673-80	13.5	113
391	SMARCA3, a chromatin-remodeling factor, is required for p11-dependent antidepressant action. <i>Cell</i> , 2013 , 152, 831-43	56.2	69
390	MicroRNA-128 governs neuronal excitability and motor behavior in mice. <i>Science</i> , 2013 , 342, 1254-8	33.3	203
389	Bioluminescence resonance energy transfer methods to study G protein-coupled receptor-receptor tyrosine kinase heteroreceptor complexes. <i>Methods in Cell Biology</i> , 2013 , 117, 141-64	1.8	67
388	Selective knockout of the casein kinase 2 in d1 medium spiny neurons controls dopaminergic function. <i>Biological Psychiatry</i> , 2013 , 74, 113-21	7.9	19
387	Adaptor complex AP2/PICALM, through interaction with LC3, targets Alzheimer's APP-CTF for terminal degradation via autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 17071-6	11.5	156
386	Differential effects of cocaine on histone posttranslational modifications in identified populations of striatal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 9511-6	11.5	44
385	Phosphodiesterase 4 inhibition enhances the dopamine D1 receptor/PKA/DARPP-32 signaling cascade in frontal cortex. <i>Psychopharmacology</i> , 2012 , 219, 1065-79	4.7	43
384	A noncanonical postsynaptic transport route for a GPCR belonging to the serotonin receptor family. <i>Journal of Neuroscience</i> , 2012 , 32, 17998-8008	6.6	17

383	Identification of the cortical neurons that mediate antidepressant responses. <i>Cell</i> , 2012 , 149, 1152-63	56.2	100
382	Small-molecule inducers of A β 2 peptide production share a common mechanism of action. <i>FASEB Journal</i> , 2012 , 26, 5115-23	0.9	15
381	IRE1 β induces thioredoxin-interacting protein to activate the NLRP3 inflammasome and promote programmed cell death under irremediable ER stress. <i>Cell Metabolism</i> , 2012 , 16, 250-64	24.6	567
380	Cholinergic interneurons in the nucleus accumbens regulate depression-like behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 11360-5	11.5	108
379	Regulator of calmodulin signaling knockout mice display anxiety-like behavior and motivational deficits. <i>European Journal of Neuroscience</i> , 2012 , 35, 300-8	3.5	17
378	Dopamine- and cAMP-regulated phosphoprotein of 32-kDa (DARPP-32)-dependent activation of extracellular signal-regulated kinase (ERK) and mammalian target of rapamycin complex 1 (mTORC1) signaling in experimental parkinsonism. <i>Journal of Biological Chemistry</i> , 2012 , 287, 27806-12	5.4	60
377	Neurabin scaffolding of adenosine receptor and RGS4 regulates anti-seizure effect of endogenous adenosine. <i>Journal of Neuroscience</i> , 2012 , 32, 2683-95	6.6	28
376	Strain-specific regulation of striatal phenotype in Drd2-eGFP BAC transgenic mice. <i>Journal of Neuroscience</i> , 2012 , 32, 9124-32	6.6	54
375	Neurabin scaffolding of adenosine receptor and RGS4 regulates anti-seizure effect of endogenous adenosine. <i>FASEB Journal</i> , 2012 , 26, 838.4	0.9	
374	Co-expression of serotonin 5-HT(1B) and 5-HT(4) receptors in p11 containing cells in cerebral cortex, hippocampus, caudate-putamen and cerebellum. <i>Neuropharmacology</i> , 2011 , 61, 442-50	5.5	41
373	Beyond the dopamine receptor: regulation and roles of serine/threonine protein phosphatases. <i>Frontiers in Neuroanatomy</i> , 2011 , 5, 50	3.6	61
372	Reduced levels of the tyrosine phosphatase STEP block β amyloid-mediated GluA1/GluA2 receptor internalization. <i>Journal of Neurochemistry</i> , 2011 , 119, 664-72	6	44
371	Antidepressant effects of selective serotonin reuptake inhibitors (SSRIs) are attenuated by antiinflammatory drugs in mice and humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 9262-7	11.5	216
370	A small-molecule enhancer of autophagy decreases levels of Abeta and APP-CTF via Atg5-dependent autophagy pathway. <i>FASEB Journal</i> , 2011 , 25, 1934-42	0.9	171
369	Protein kinase C-dependent dephosphorylation of tyrosine hydroxylase requires the B56 β heterotrimeric form of protein phosphatase 2A. <i>PLoS ONE</i> , 2011 , 6, e26292	3.7	18
368	Epigenetic mechanisms of mental retardation. <i>Progress in Drug Research Fortschritte Der Arzneimittelforschung Progres Des Recherches Pharmaceutiques</i> , 2011 , 67, 125-46		7
367	Role of adrenoceptors in the regulation of dopamine/DARPP-32 signaling in neostriatal neurons. <i>Journal of Neurochemistry</i> , 2010 , 113, 1046-59	6	45
366	Signaling pathways controlling the phosphorylation state of WAVE1, a regulator of actin polymerization. <i>Journal of Neurochemistry</i> , 2010 , 114, 182-90	6	18

365	Mice lacking synapsin III show abnormalities in explicit memory and conditioned fear. <i>Genes, Brain and Behavior</i> , 2010 , 9, 257-68	3.6	36
364	AGAP1/AP-3-dependent endocytic recycling of M5 muscarinic receptors promotes dopamine release. <i>EMBO Journal</i> , 2010 , 29, 2813-26	13	60
363	Gamma-secretase activating protein is a therapeutic target for Alzheimer's disease. <i>Nature</i> , 2010 , 467, 95-8	50.4	250
362	Distinct subclasses of medium spiny neurons differentially regulate striatal motor behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 14845-50	11.5	261
361	Reversal of depressed behaviors in mice by p11 gene therapy in the nucleus accumbens. <i>Science Translational Medicine</i> , 2010 , 2, 54ra76	17.5	90
360	Genetic reduction of striatal-enriched tyrosine phosphatase (STEP) reverses cognitive and cellular deficits in an Alzheimer's disease mouse model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 19014-9	11.5	138
359	Forebrain overexpression of CK1delta leads to down-regulation of dopamine receptors and altered locomotor activity reminiscent of ADHD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4401-6	11.5	37
358	Kinetics of G-protein-coupled receptor endosomal trafficking pathways revealed by single quantum dots. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18658-63	11.5	59
357	Essential role of the histone methyltransferase G9a in cocaine-induced plasticity. <i>Science</i> , 2010 , 327, 213-6	33.3	504
356	Distinct levels of dopamine denervation differentially alter striatal synaptic plasticity and NMDA receptor subunit composition. <i>Journal of Neuroscience</i> , 2010 , 30, 14182-93	6.6	128
355	Argonaute 2 in dopamine 2 receptor-expressing neurons regulates cocaine addiction. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1843-51	16.6	115
354	Norbin: A promising central nervous system regulator. <i>Communicative and Integrative Biology</i> , 2010 , 3, 487-90	1.7	17
353	Abeta-mediated NMDA receptor endocytosis in Alzheimer's disease involves ubiquitination of the tyrosine phosphatase STEP61. <i>Journal of Neuroscience</i> , 2010 , 30, 5948-57	6.6	154
352	Neurogenic effects of fluoxetine are attenuated in p11 (S100A10) knockout mice. <i>Biological Psychiatry</i> , 2010 , 67, 1048-56	7.9	67
351	A role for p11 in the antidepressant action of brain-derived neurotrophic factor. <i>Biological Psychiatry</i> , 2010 , 68, 528-35	7.9	73
350	A neurocomputational method for fully automated 3D dendritic spine detection and segmentation of medium-sized spiny neurons. <i>NeuroImage</i> , 2010 , 50, 1472-84	7.9	29
349	Mechanisms of locomotor sensitization to drugs of abuse in a two-injection protocol. <i>Neuropsychopharmacology</i> , 2010 , 35, 401-15	8.7	155
348	Localization of dopamine- and cAMP-regulated phosphoprotein-32 and inhibitor-1 in area 9 of <i>Macaca mulatta</i> prefrontal cortex. <i>Neuroscience</i> , 2010 , 167, 428-38	3.9	9

347	Lowering beta-amyloid levels rescues learning and memory in a Down syndrome mouse model. <i>PLoS ONE</i> , 2010 , 5, e10943	3.7	60
346	Dual involvement of G-substrate in motor learning revealed by gene deletion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3525-30	11.5	26
345	Phosphorylation of Rap1GAP, a striatally enriched protein, by protein kinase A controls Rap1 activity and dendritic spine morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 3531-6	11.5	54
344	CK2 negatively regulates Galphas signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 14096-101	11.5	24
343	Methylphenidate-induced dendritic spine formation and DeltaFosB expression in nucleus accumbens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2915-20	11.5	101
342	Histone H3 phosphorylation is under the opposite tonic control of dopamine D2 and adenosine A2A receptors in striatopallidal neurons. <i>Neuropsychopharmacology</i> , 2009 , 34, 1710-20	8.7	73
341	Inhibition of mTOR signaling in Parkinson's disease prevents L-DOPA-induced dyskinesia. <i>Science Signaling</i> , 2009 , 2, ra36	8.8	200
340	Norbin is an endogenous regulator of metabotropic glutamate receptor 5 signaling. <i>Science</i> , 2009 , 326, 1554-7	33.3	89
339	Role of p11 in cellular and behavioral effects of 5-HT4 receptor stimulation. <i>Journal of Neuroscience</i> , 2009 , 29, 1937-46	6.6	127
338	Enhanced generation of Alzheimer's amyloid-beta following chronic exposure to phorbol ester correlates with differential effects on alpha and epsilon isozymes of protein kinase C. <i>Journal of Neurochemistry</i> , 2009 , 108, 319-30	6	31
337	L-DOPA activates ERK signaling and phosphorylates histone H3 in the striatonigral medium spiny neurons of hemiparkinsonian mice. <i>Journal of Neurochemistry</i> , 2009 , 108, 621-33	6	148
336	A functional mouse retroposed gene Rps23r1 reduces Alzheimer's beta-amyloid levels and tau phosphorylation. <i>Neuron</i> , 2009 , 64, 328-40	13.9	31
335	Control of cognition and adaptive behavior by the GLP/G9a epigenetic suppressor complex. <i>Neuron</i> , 2009 , 64, 678-91	13.9	247
334	A role for LYNX2 in anxiety-related behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 4477-82	11.5	80
333	A phosphatase cascade by which rewarding stimuli control nucleosomal response. <i>Nature</i> , 2008 , 453, 879-84	50.4	189
332	Cell type-specific regulation of DARPP-32 phosphorylation by psychostimulant and antipsychotic drugs. <i>Nature Neuroscience</i> , 2008 , 11, 932-9	25.5	184
331	FGF acts as a co-transmitter through adenosine A(2A) receptor to regulate synaptic plasticity. <i>Nature Neuroscience</i> , 2008 , 11, 1402-9	25.5	146
330	DARPP-32 Mediates the Actions of Multiple Drugs of Abuse 2008 , 3-16		1

329	Multiple actions of spinophilin regulate mu opioid receptor function. <i>Neuron</i> , 2008 , 58, 238-47	13.9	56
328	Cocaine regulates MEF2 to control synaptic and behavioral plasticity. <i>Neuron</i> , 2008 , 59, 621-33	13.9	209
327	Regulation of DARPP-32 phosphorylation by Delta9-tetrahydrocannabinol. <i>Neuropharmacology</i> , 2008 , 54, 31-5	5.5	27
326	Dopamine D1 vs D5 receptor-dependent induction of seizures in relation to DARPP-32, ERK1/2 and GluR1-AMPA signalling. <i>Neuropharmacology</i> , 2008 , 54, 1051-61	5.5	32
325	A translational profiling approach for the molecular characterization of CNS cell types. <i>Cell</i> , 2008 , 135, 738-48	56.2	796
324	Application of a translational profiling approach for the comparative analysis of CNS cell types. <i>Cell</i> , 2008 , 135, 749-62	56.2	663
323	Dichotomous dopaminergic control of striatal synaptic plasticity. <i>Science</i> , 2008 , 321, 848-51	33.3	848
322	Cdk5 is essential for adult hippocampal neurogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 18567-71	11.5	93
321	Striatal dysregulation of Cdk5 alters locomotor responses to cocaine, motor learning, and dendritic morphology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 18561-6	11.5	38
320	Distinct roles of PDE4 and PDE10A in the regulation of cAMP/PKA signaling in the striatum. <i>Journal of Neuroscience</i> , 2008 , 28, 10460-71	6.6	213
319	Synapsin IIa controls the reserve pool of glutamatergic synaptic vesicles. <i>Journal of Neuroscience</i> , 2008 , 28, 10835-43	6.6	87
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7	Loss of SATB1 Induces a p21 Dependent Cellular Senescence Phenotype in Dopaminergic Neurons		1
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