

# Stuart Maudsley

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3290014/publications.pdf>

Version: 2024-02-01

180  
papers

15,069  
citations

20817

60  
h-index

19749

117  
g-index

185  
all docs

185  
docs citations

185  
times ranked

17726  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systems Pharmacology: Enabling Multidimensional Therapeutics. , 2022, , 725-769.		1
2	Making Biomedical Sciences publications more accessible for machines. Medicine, Health Care and Philosophy, 2022, , 1.	1.8	2
3	Progression of established non-diabetic chronic kidney disease is halted by metformin treatment in rats. Kidney International, 2022, 101, 929-944.	5.2	14
4	The Relaxin-3 Receptor, RXFP3, Is a Modulator of Aging-Related Disease. International Journal of Molecular Sciences, 2022, 23, 4387.	4.1	7
5	Aging-related modifications to G protein-coupled receptor signaling diversity. , 2021, 223, 107793.		12
6	The TRY motif in the Relaxin Family Peptide Receptor 3 (RXFP3) functions as a Molecular Switch Between DNA Damage Response and Cell Cycle Control. FASEB Journal, 2021, 35, .	0.5	0
7	Endothelial Contribution to Warfarin-Induced Arterial Media Calcification in Mice. International Journal of Molecular Sciences, 2021, 22, 11615.	4.1	7
8	GPCRs Are Optimal Regulators of Complex Biological Systems and Orchestrate the Interface between Health and Disease. International Journal of Molecular Sciences, 2021, 22, 13387.	4.1	5
9	High-dimensionality Data Analysis of Pharmacological Systems Associated with Complex Diseases. Pharmacological Reviews, 2020, 72, 191-217.	16.0	17
10	Multisystem proteinopathy due to a homozygous p.Arg159His <i>VCP</i> mutation. Neurology, 2020, 94, e785-e796.	1.1	15
11	Metal ions shape $\alpha$ -synuclein. Scientific Reports, 2020, 10, 16293.	3.3	55
12	P0099CALCINEURIN INHIBITION, BUT NOT DEHYDRATION, IN RATS MIMICS HUMAN RENAL HISTOPATHOLOGY OF PATIENTS WITH CHRONIC INTERSTITIAL NEPHRITIS IN AGRICULTURAL COMMUNITIES (CINAC). Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
13	Effects of Detergent on $\alpha$ -Synuclein Structure: A Native MS-Ion Mobility Study. International Journal of Molecular Sciences, 2020, 21, 7884.	4.1	9
14	Profiling of the Peripheral Blood Mononuclear Cell Proteome in Schizophrenia and Mood Disorders for the Discovery of Discriminatory Biomarkers: A Proof-of-Concept Study. Neuropsychobiology, 2020, 79, 324-334.	1.9	9
15	Sclerostin as Regulatory Molecule in Vascular Media Calcification and the Bone "Vascular Axis. Toxins, 2019, 11, 428.	3.4	50
16	Enhanced Molecular Appreciation of Psychiatric Disorders Through High-Dimensionality Data Acquisition and Analytics. Methods in Molecular Biology, 2019, 2011, 671-723.	0.9	13
17	Multidimensional informatic deconvolution defines gender-specific roles of hypothalamic GIT2 in aging trajectories. Mechanisms of Ageing and Development, 2019, 184, 111150.	4.6	9
18	G Protein-Coupled Receptor Systems and Their Role in Cellular Senescence. Computational and Structural Biotechnology Journal, 2019, 17, 1265-1277.	4.1	28

#	ARTICLE	IF	CITATIONS
19	Indoxyl Sulfate and p-Cresyl Sulfate Promote Vascular Calcification and Associate with Glucose Intolerance. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 751-766.	6.1	122
20	Image-guided phenotyping of ovariectomized mice: altered functional connectivity, cognition, myelination, and dopaminergic functionality. <i>Neurobiology of Aging</i> , 2019, 74, 77-89.	3.1	14
21	The RXFP3 receptor is functionally associated with cellular responses to oxidative stress and DNA damage. <i>Aging</i> , 2019, 11, 11268-11313.	3.1	10
22	The human RXFP3 receptor regulates the conserved DNA damage response process. <i>FASEB Journal</i> , 2019, 33, 457.27.	0.5	0
23	PFN2 and GAMT as common molecular determinants of axonal Charcot-Marie-Tooth disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 870-878.	1.9	16
24	GIT2â€”A keystone in ageing and age-related disease. <i>Ageing Research Reviews</i> , 2018, 43, 46-63.	10.9	29
25	Intelligent and effective informatic deconvolution of â€œBig Dataâ€”and its future impact on the quantitative nature of neurodegenerative disease therapy. <i>Alzheimer's and Dementia</i> , 2018, 14, 961-975.	0.8	33
26	Translating in vitro ligand bias into in vivo efficacy. <i>Cellular Signalling</i> , 2018, 41, 46-55.	3.6	43
27	Poor cognitive ageing: Vulnerabilities, mechanisms and the impact of nutritional interventions. <i>Ageing Research Reviews</i> , 2018, 42, 40-55.	10.9	136
28	Î²-Arrestin Based Receptor Signaling Paradigms: Potential Therapeutic Targets for Complex Age-Related Disorders. <i>Frontiers in Pharmacology</i> , 2018, 9, 1369.	3.5	75
29	GRK5 â€” A Functional Bridge Between Cardiovascular and Neurodegenerative Disorders. <i>Frontiers in Pharmacology</i> , 2018, 9, 1484.	3.5	19
30	Ageing and drug discovery. <i>Aging</i> , 2018, 10, 3079-3088.	3.1	25
31	G Protein-Coupled Receptor Systems as Crucial Regulators of DNA Damage Response Processes. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2919.	4.1	26
32	Su0003INDOXYL SULFATE AND P-CRESYL SULFATE PROMOTE VASCULAR CALCIFICATION BY GLUCOSE MEDIATED ACTIVATION OF INFLAMMATION AND COAGULATION PATHWAYS. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i617-i617.	0.7	0
33	The RXFP3â€”GIT2 signaling system represents a potential multidimensional therapeutic target in ageâ€”related disorders. <i>FASEB Journal</i> , 2018, 32, 533.111.	0.5	0
34	Development of Precision Small-Molecule Proneurotrophic Therapies for Neurodegenerative Diseases. <i>Vitamins and Hormones</i> , 2017, 104, 263-311.	1.7	8
35	Altered learning, memory, and social behavior in type 1 taste receptor subunit 3 knock-out mice are associated with neuronal dysfunction. <i>Journal of Biological Chemistry</i> , 2017, 292, 11508-11530.	3.4	20
36	Inhibitory actions of the NRG-1/ErbB4 pathway in macrophages during tissue fibrosis in the heart, skin, and lung. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H934-H945.	3.2	63

#	ARTICLE	IF	CITATIONS
37	Genomic deletion of GIT2 induces a premature age-related thymic dysfunction and systemic immune system disruption. <i>Aging</i> , 2017, 9, 706-740.	3.1	15
38	Big data to smart data in Alzheimer's disease: The brain health modeling initiative to foster actionable knowledge. <i>Alzheimer's and Dementia</i> , 2016, 12, 1014-1021.	0.8	65
39	Alternative Splicing of Neuronal Differentiation Factor TRF2 Regulated by HNRNPH1/H2. <i>Cell Reports</i> , 2016, 15, 926-934.	6.4	55
40	Informatic deconvolution of biased GPCR signaling mechanisms from in vivo pharmacological experimentation. <i>Methods</i> , 2016, 92, 51-63.	3.8	33
41	Human Obesity Associated with an Intronic SNP in the Brain-Derived Neurotrophic Factor Locus. <i>Cell Reports</i> , 2015, 13, 1073-1080.	6.4	64
42	Investigating the role of filamin C in Belgian patients with frontotemporal dementia linked to GRN deficiency in FTLD-TDP brains. <i>Acta Neuropathologica Communications</i> , 2015, 3, 68.	5.2	13
43	Hippocampal Transcriptomic and Proteomic Alterations in the BTBR Mouse Model of Autism Spectrum Disorder. <i>Frontiers in Physiology</i> , 2015, 6, 324.	2.8	70
44	Nuclear GIT2 Is an ATM Substrate and Promotes DNA Repair. <i>Molecular and Cellular Biology</i> , 2015, 35, 1081-1096.	2.3	28
45	Amitriptyline Improves Motor Function via Enhanced Neurotrophin Signaling and Mitochondrial Functions in the Murine N171-82Q Huntington Disease Model. <i>Journal of Biological Chemistry</i> , 2015, 290, 2728-2743.	3.4	18
46	Delineation of a Conserved Arrestin-Biased Signaling Repertoire In Vivo. <i>Molecular Pharmacology</i> , 2015, 87, 706-717.	2.3	40
47	Fulfilling the Promise of "Biased" G Protein-Coupled Receptor Agonism. <i>Molecular Pharmacology</i> , 2015, 88, 579-588.	2.3	178
48	Recessive mutations in <i>SLC13A5</i> result in a loss of citrate transport and cause neonatal epilepsy, developmental delay and teeth hypoplasia. <i>Brain</i> , 2015, 138, 3238-3250.	7.6	96
49	GIT2 Acts as a Systems-Level Coordinator of Neurometabolic Activity and Pathophysiological Aging. <i>Frontiers in Endocrinology</i> , 2015, 6, 191.	3.5	25
50	Higher TNF- $\alpha$ , IGF-1, and leptin levels are found in tasters than non-tasters. <i>Frontiers in Endocrinology</i> , 2014, 5, 125.	3.5	13
51	The effects of aging on the BTBR mouse model of autism spectrum disorder. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 225.	3.4	45
52	Systems-Level G Protein-Coupled Receptor Therapy Across a Neurodegenerative Continuum by the GLP-1 Receptor System. <i>Frontiers in Endocrinology</i> , 2014, 5, 142.	3.5	28
53	Metabolic and hormonal signatures in pre-manifest and manifest Huntington's disease patients. <i>Frontiers in Physiology</i> , 2014, 5, 231.	2.8	69
54	Longitudinal Analysis of Calorie Restriction on Rat Taste Bud Morphology and Expression of Sweet Taste Modulators. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 532-544.	3.6	13

#	ARTICLE	IF	CITATIONS
55	Pharmacophore model of the quercetin binding site of the SIRT6 protein. <i>Journal of Molecular Graphics and Modelling</i> , 2014, 49, 38-46.	2.4	32
56	What Is the Role of Metabolic Hormones in Taste Buds of the Tongue. <i>Frontiers of Hormone Research</i> , 2014, 42, 134-146.	1.0	14
57	Toll-like receptors 2 and 4 modulate autonomic control of heart rate and energy metabolism. <i>Brain, Behavior, and Immunity</i> , 2014, 36, 90-100.	4.1	35
58	Adiposity induces lethal cytokine storm after systemic administration of stimulatory immunotherapy regimens in aged mice. <i>Journal of Experimental Medicine</i> , 2014, 211, 2373-2383.	8.5	124
59	Resveratrol Prevents High Fat/Sucrose Diet-Induced Central Arterial Wall Inflammation and Stiffening in Nonhuman Primates. <i>Cell Metabolism</i> , 2014, 20, 183-190.	16.2	186
60	Adiposity As a Principal Component of Lethal Cytokine Storm Following Cancer Immunotherapy in Aged Mice. <i>Blood</i> , 2014, 124, 460-460.	1.4	1
61	Systems Analysis of Arrestin Pathway Functions. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 118, 431-467.	1.7	14
62	The effect of intermittent energy and carbohydrate restriction <i>v</i>. daily energy restriction on weight loss and metabolic disease risk markers in overweight women. <i>British Journal of Nutrition</i> , 2013, 110, 1534-1547.	2.3	336
63	Î²-Arrestin-Selective G Protein-Coupled Receptor Agonists Engender Unique Biological Efficacy in Vivo. <i>Molecular Endocrinology</i> , 2013, 27, 296-314.	3.7	62
64	Classification of Alzheimer Diagnosis from ADNI Plasma Biomarker Data. , 2013, 2013, 569.		4
65	BRET Biosensor Analysis of Receptor Tyrosine Kinase Functionality. <i>Frontiers in Endocrinology</i> , 2013, 4, 46.	3.5	13
66	Plurigon: three dimensional visualization and classification of high-dimensionality data. <i>Frontiers in Physiology</i> , 2013, 4, 190.	2.8	17
67	The role of Thyrotropin Releasing Hormone in aging and neurodegenerative diseases. <i>American Journal of Alzheimer's Disease (Columbia, Mo )</i> , 2013, 1, .	0.3	32
68	Long-Term Artificial Sweetener Acesulfame Potassium Treatment Alters Neurometabolic Functions in C57BL/6J Mice. <i>PLoS ONE</i> , 2013, 8, e70257.	2.5	50
69	Altered Lipid and Salt Taste Responsivity in Ghrelin and GOAT Null Mice. <i>PLoS ONE</i> , 2013, 8, e76553.	2.5	53
70	Pancreas++: Automated Quantification of Pancreatic Islet Cells in Microscopy Images. <i>Frontiers in Physiology</i> , 2013, 3, 482.	2.8	12
71	Effective use of latent semantic indexing and computational linguistics in biological and biomedical applications. <i>Frontiers in Physiology</i> , 2013, 4, 8.	2.8	32
72	VennPlexâ€“A Novel Venn Diagram Program for Comparing and Visualizing Datasets with Differentially Regulated Datapoints. <i>PLoS ONE</i> , 2013, 8, e53388.	2.5	97

#	ARTICLE	IF	CITATIONS
73	Textrousl!: Extracting Semantic Textual Meaning from Gene Sets. PLoS ONE, 2013, 8, e62665.	2.5	23
74	Metabolic Context Regulates Distinct Hypothalamic Transcriptional Responses to Antiaging Interventions. International Journal of Endocrinology, 2012, 2012, 1-15.	1.5	14
75	Central Role of the EGF Receptor in Neurometabolic Aging. International Journal of Endocrinology, 2012, 2012, 1-14.	1.5	50
76	Aging and Bone Health in Individuals with Developmental Disabilities. International Journal of Endocrinology, 2012, 2012, 1-10.	1.5	25
77	Age-Related Changes in Mouse Taste Bud Morphology, Hormone Expression, and Taste Responsivity. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67A, 336-344.	3.6	55
78	Metabolic Dysfunction in Alzheimers Disease and Related Neurodegenerative Disorders. Current Alzheimer Research, 2012, 9, 5-17.	1.4	261
79	Anti-Inflammatory Effects of Physical Activity in Relationship to Improved Cognitive Status in Humans and Mouse Models of Alzheimers Disease. Current Alzheimer Research, 2012, 9, 86-92.	1.4	65
80	Euglycemic Agent-mediated Hypothalamic Transcriptomic Manipulation in the N171â€“82Q Model of Huntington Disease Is Related to Their Physiological Efficacy*. Journal of Biological Chemistry, 2012, 287, 31766-31782.	3.4	30
81	Editorial (Hot Topic: G Protein-Coupled Receptor Biased Agonism: Development Towards Future) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	10
82	Editorial [Hot Topic: Progressive and Unconventional Pharmacotherapeutic Approaches to Alzheimers Disease Therapy (Guest Editors: Stuart Maudsley & Wayne Chadwick)]. Current Alzheimer Research, 2012, 9, 1-4.	1.4	9
83	Therapeutic Targeting of the Endoplasmic Reticulum in Alzheimers Disease. Current Alzheimer Research, 2012, 9, 110-119.	1.4	30
84	Functional Signaling Biases in G Protein-Coupled Receptors: Game Theory and Receptor Dynamics. Mini-Reviews in Medicinal Chemistry, 2012, 12, 831-840.	2.4	43
85	Effective correction of experimental errors in quantitative proteomics using stable isotope labeling by amino acids in cell culture (SILAC). Journal of Proteomics, 2012, 75, 3720-3732.	2.4	55
86	The effects of the ketogenic diet on behavior and cognition. Epilepsy Research, 2012, 100, 304-309.	1.6	68
87	Neuroprotective role of Sirt1 in mammalian models of Huntington's disease through activation of multiple Sirt1 targets. Nature Medicine, 2012, 18, 153-158.	30.7	300
88	Plasma BDNF Is Associated with Age-Related White Matter Atrophy but Not with Cognitive Function in Older, Non-Demented Adults. PLoS ONE, 2012, 7, e35217.	2.5	88
89	Precursor ion exclusion for enhanced identification of plasma biomarkers. Proteomics - Clinical Applications, 2012, 6, 304-308.	1.6	8
90	Growth Inhibition by miR-519 via Multiple p21-Inducing Pathways. Molecular and Cellular Biology, 2012, 32, 2530-2548.	2.3	59

#	ARTICLE	IF	CITATIONS
91	Stromal factors SDF1 $\beta$ , sFRP1, and VEGFD induce dopaminergic neuron differentiation of human pluripotent stem cells. <i>Journal of Neuroscience Research</i> , 2012, 90, 1367-1381.	2.9	40
92	Discovery- and target-based protein quantification using iTRAQ and pulsed Q collision induced dissociation (PQD). <i>Journal of Proteomics</i> , 2012, 75, 2480-2487.	2.4	13
93	VENNTURE—A Novel Venn Diagram Investigational Tool for Multiple Pharmacological Dataset Analysis. <i>PLoS ONE</i> , 2012, 7, e36911.	2.5	71
94	GIT2 Acts as a Potential Keystone Protein in Functional Hypothalamic Networks Associated with Age-Related Phenotypic Changes in Rats. <i>PLoS ONE</i> , 2012, 7, e36975.	2.5	40
95	Altered Hypothalamic Protein Expression in a Rat Model of Huntington's Disease. <i>PLoS ONE</i> , 2012, 7, e47240.	2.5	23
96	Repetitive Peroxide Exposure Reveals Pleiotropic Mitogen-Activated Protein Kinase Signaling Mechanisms. <i>Journal of Signal Transduction</i> , 2011, 2011, 1-15.	2.0	16
97	Bioinformatic Approaches to Metabolic Pathways Analysis. <i>Methods in Molecular Biology</i> , 2011, 756, 99-130.	0.9	37
98	Identification of Proteins and Phosphoproteins Using Pulsed Q Collision Induced Dissociation (PQD). <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1753-1762.	2.8	9
99	Cortical gene transcription response patterns to water maze training in aged mice. <i>BMC Neuroscience</i> , 2011, 12, 63.	1.9	21
100	Regulation of <i>Caenorhabditis elegans</i> vitellogenesis by DAF-2/IIIS through separable transcriptional and posttranscriptional mechanisms. <i>BMC Physiology</i> , 2011, 11, 11.	3.6	75
101	Discontinuous pH gradient-mediated separation of TiO <sub>2</sub> -enriched phosphopeptides. <i>Analytical Biochemistry</i> , 2011, 409, 81-88.	2.4	20
102	Rapid and enhanced proteolytic digestion using electric-field-oriented enzyme reactor. <i>Journal of Proteomics</i> , 2011, 74, 1030-1035.	2.4	18
103	To Be or Not To Be—Obese. <i>Endocrinology</i> , 2011, 152, 3592-3596.	2.8	9
104	The effects of intermittent or continuous energy restriction on weight loss and metabolic disease risk markers: a randomized trial in young overweight women. <i>International Journal of Obesity</i> , 2011, 35, 714-727.	3.4	573
105	Cannabinoids Inhibit Insulin Receptor Signaling in Pancreatic $\beta$ -Cells. <i>Diabetes</i> , 2011, 60, 1198-1209.	0.6	112
106	Multiple Oxygen Tension Environments Reveal Diverse Patterns of Transcriptional Regulation in Primary Astrocytes. <i>PLoS ONE</i> , 2011, 6, e21638.	2.5	24
107	Amitriptyline-Mediated Cognitive Enhancement in Aged 3 $\times$ Tg Alzheimer's Disease Mice Is Associated with Neurogenesis and Neurotrophic Activity. <i>PLoS ONE</i> , 2011, 6, e21660.	2.5	82
108	Chemical modification of Class II G protein-coupled receptor ligands: Frontiers in the development of peptide analogs as neuroendocrine pharmacological therapies. , 2010, 125, 39-54.		38



#	ARTICLE	IF	CITATIONS
109	Plasma BDNF concentration, Val66Met genetic variant and depression-related personality traits. <i>Genes, Brain and Behavior</i> , 2010, 9, 512-518.	2.2	54
110	Complex and Multidimensional Lipid Raft Alterations in a Murine Model of Alzheimer's Disease. <i>International Journal of Alzheimer's Disease</i> , 2010, 2010, 1-56.	2.0	63
111	Minimal Peroxide Exposure of Neuronal Cells Induces Multifaceted Adaptive Responses. <i>PLoS ONE</i> , 2010, 5, e14352.	2.5	61
112	Editorial [Hot topic: New Frontiers in G Protein-Coupled Receptor Regulation of Neurological Disorders (Guest Editor: Stuart Maudsley)]. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 525-525.	1.4	0
113	Vasoactive Intestinal Peptide-Null Mice Demonstrate Enhanced Sweet Taste Preference, Dysglycemia, and Reduced Taste Bud Leptin Receptor Expression. <i>Diabetes</i> , 2010, 59, 1143-1152.	0.6	96
114	Control-laboratory rodents are metabolically morbid: Why it matters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6127-6133.	7.1	317
115	Hippocampal gene expression patterns underlying the enhancement of memory by running in aged mice. <i>Neurobiology of Aging</i> , 2010, 31, 1937-1949.	3.1	135
116	Transferrin Fusion Technology: A Novel Approach to Prolonging Biological Half-Life of Insulinotropic Peptides. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 682-692.	2.5	65
117	The Devil is in the Dose: Complexity of Receptor Systems and Responses. , 2010, , 95-108.		5
118	Circulating Brain-Derived Neurotrophic Factor and Indices of Metabolic and Cardiovascular Health: Data from the Baltimore Longitudinal Study of Aging. <i>PLoS ONE</i> , 2010, 5, e10099.	2.5	180
119	Ghrelin Is Produced in Taste Cells and Ghrelin Receptor Null Mice Show Reduced Taste Responsivity to Salty (NaCl) and Sour (Citric Acid) Tastants. <i>PLoS ONE</i> , 2010, 5, e12729.	2.5	93
120	The Mammalian Tachykinin Ligand-Receptor System: An Emerging Target for Central Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 627-635.	1.4	30
121	Ghrelin Receptor Signaling: A Promising Therapeutic Target for Metabolic Syndrome and Cognitive Dysfunction. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 557-563.	1.4	45
122	Gonadotropin-Releasing Hormone Receptor System: Modulatory Role in Aging and Neurodegeneration. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 651-660.	1.4	57
123	Therapeutic Potential of Vasoactive Intestinal Peptide and its Receptors in Neurological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 661-666.	1.4	46
124	Dietary Energy Intake, Hormesis, and Health. , 2010, , 123-137.		1
125	Gonadal Transcriptome Alterations in Response to Dietary Energy Intake: Sensing the Reproductive Environment. <i>PLoS ONE</i> , 2009, 4, e4146.	2.5	33
126	Allosteric Modulators of G Protein-Coupled Receptors: Future Therapeutics for Complex Physiological Disorders. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 340-348.	2.5	88



#	ARTICLE	IF	CITATIONS
127	Growth Factor Signals in Neural Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 2493-2511.	3.4	44
128	Exendin-4 Improves Glycemic Control, Ameliorates Brain and Pancreatic Pathologies, and Extends Survival in a Mouse Model of Huntington's Disease. <i>Diabetes</i> , 2009, 58, 318-328.	0.6	160
129	Voluntary exercise and caloric restriction enhance hippocampal dendritic spine density and BDNF levels in diabetic mice. <i>Hippocampus</i> , 2009, 19, 951-961.	1.9	292
130	Neonatal Estrogenic Effects upon the Male Rat Pituitary: Early Gonadotrophin Attenuation Precedes Long-term Recovery. <i>NeuroMolecular Medicine</i> , 2009, 11, 76-86.	3.4	2
131	Modulation of Taste Sensitivity by GLP-1 Signaling in Taste Buds. <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 98-101.	3.8	100
132	Diminished iron concentrations increase adenosine A2A receptor levels in mouse striatum and cultured human neuroblastoma cells. <i>Experimental Neurology</i> , 2009, 215, 236-242.	4.1	22
133	Live Longer sans the AT1A Receptor. <i>Cell Metabolism</i> , 2009, 9, 403-405.	16.2	20
134	Hormones in the naso-oropharynx: endocrine modulation of taste and smell. <i>Trends in Endocrinology and Metabolism</i> , 2009, 20, 163-170.	7.1	57
135	Pharmacomimetics of Exercise: Novel Approaches for Hippocampally- Targeted Neuroprotective Agents. <i>Current Medicinal Chemistry</i> , 2009, 16, 4668-4678.	2.4	78
136	Modulation of taste sensitivity by GLP-1 signaling. <i>Journal of Neurochemistry</i> , 2008, 106, 455-463.	3.9	240
137	Caloric restriction: Impact upon pituitary function and reproduction. <i>Ageing Research Reviews</i> , 2008, 7, 209-224.	10.9	77
138	Targeting TNF- $\alpha$ receptors for neurotherapeutics. <i>Trends in Neurosciences</i> , 2008, 31, 504-511.	8.6	72
139	Mammalian Type I Gonadotropin-Releasing Hormone Receptors Undergo Slow, Constitutive, Agonist-Independent Internalization. <i>Endocrinology</i> , 2008, 149, 1415-1422.	2.8	59
140	Gonadotropin-Releasing Hormone Analog Structural Determinants of Selectivity for Inhibition of Cell Growth: Support for the Concept of Ligand-Induced Selective Signaling. <i>Molecular Endocrinology</i> , 2008, 22, 1711-1722.	3.7	31
141	Conserved and Differential Effects of Dietary Energy Intake on the Hippocampal Transcriptomes of Females and Males. <i>PLoS ONE</i> , 2008, 3, e2398.	2.5	46
142	iTRAQ Analysis of Complex Proteome Alterations in 3xTgAD Alzheimer's Mice: Understanding the Interface between Physiology and Disease. <i>PLoS ONE</i> , 2008, 3, e2750.	2.5	110
143	Therapeutic perspectives for the treatment of Huntington's disease: treating the whole body. <i>Histology and Histopathology</i> , 2008, 23, 237-50.	0.7	46
144	Ubiquitination is involved in glucose-mediated downregulation of GIP receptors in islets. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E538-E547.	3.5	63

#	ARTICLE	IF	CITATIONS
145	G Protein-Coupled Receptor Signaling Complexity in Neuronal Tissue: Implications for Novel Therapeutics. <i>Current Alzheimer Research</i> , 2007, 4, 3-19.	1.4	53
146	Nuclear Stabilization of $\beta$ -Catenin and Inactivation of Glycogen Synthase Kinase-3 $\beta$ by Gonadotropin-Releasing Hormone: Targeting Wnt Signaling in the Pituitary Gonadotrope. <i>Molecular Endocrinology</i> , 2007, 21, 3028-3038.	3.7	48
147	Proline-Rich Tyrosine Kinase 2 Mediates Gonadotropin-Releasing Hormone Signaling to a Specific Extracellularly Regulated Kinase-Sensitive Transcriptional Locus in the Luteinizing Hormone $\beta$ -Subunit Gene. <i>Molecular Endocrinology</i> , 2007, 21, 1216-1233.	3.7	39
148	Prophylactic treatment with paroxetine ameliorates behavioral deficits and retards the development of amyloid and tau pathologies in 3xTgAD mice. <i>Experimental Neurology</i> , 2007, 205, 166-176.	4.1	159
149	Sex-Dependent Metabolic, Neuroendocrine, and Cognitive Responses to Dietary Energy Restriction and Excess. <i>Endocrinology</i> , 2007, 148, 4318-4333.	2.8	167
150	Impact of reduced meal frequency without caloric restriction on glucose regulation in healthy, normal-weight middle-aged men and women. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1729-1734.	3.4	191
151	Alternate day calorie restriction improves clinical findings and reduces markers of oxidative stress and inflammation in overweight adults with moderate asthma. <i>Free Radical Biology and Medicine</i> , 2007, 42, 665-674.	2.9	513
152	GnRH-Mediated DAN Production Regulates the Transcription of the GnRH Receptor in Gonadotrope Cells. <i>NeuroMolecular Medicine</i> , 2007, 9, 230-248.	3.4	17
153	Reduced energy intake: the secret to a long and healthy life?. <i>IBS Journal of Science</i> , 2007, 2, 35-39.	0.0	18
154	Caloric restriction and intermittent fasting: Two potential diets for successful brain aging. <i>Ageing Research Reviews</i> , 2006, 5, 332-353.	10.9	340
155	Gonadotropin-Releasing Hormone Functionally Antagonizes Testosterone Activation of the Human Androgen Receptor in Prostate Cells through Focal Adhesion Complexes Involving Hic-5. <i>Neuroendocrinology</i> , 2006, 84, 285-300.	2.5	30
156	Protein twists and turns in Alzheimer disease. <i>Nature Medicine</i> , 2006, 12, 392-393.	30.7	29
157	Class II G Protein-Coupled Receptors and Their Ligands in Neuronal Function and Protection. <i>NeuroMolecular Medicine</i> , 2005, 7, 003-036.	3.4	80
158	The Origins of Diversity and Specificity in G Protein-Coupled Receptor Signaling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 314, 485-494.	2.5	182
159	Inhibition of Human Type I Gonadotropin-Releasing Hormone Receptor (GnRHR) Function by Expression of a Human Type II GnRHR Gene Fragment. <i>Endocrinology</i> , 2005, 146, 2639-2649.	2.8	40
160	Elevated Prostaglandin EP2 Receptor in Endometrial Adenocarcinoma Cells Promotes Vascular Endothelial Growth Factor Expression via Cyclic 3',5'-Adenosine Monophosphate-Mediated Transactivation of the Epidermal Growth Factor Receptor and Extracellular Signal-Regulated Kinase 1/2 Signaling Pathways. <i>Molecular Endocrinology</i> , 2004, 18, 1533-1545.	3.7	74
161	Gonadotropin-Releasing Hormone (GnRH) Antagonists Promote Proapoptotic Signaling in Peripheral Reproductive Tumor Cells by Activating a G $\beta$ $\gamma$ -Coupling State of the Type I GnRH Receptor. <i>Cancer Research</i> , 2004, 64, 7533-7544.	0.9	153
162	Cytoskeletal Reorganization Dependence of Signaling by the Gonadotropin-releasing Hormone Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 1980-1993.	3.4	73

#	ARTICLE	IF	CITATIONS
163	Gonadotropin-releasing Hormone-induced Activation of Diacylglycerol Kinase- $\beta$ and Its Association with Active c-Src. <i>Journal of Biological Chemistry</i> , 2004, 279, 11906-11916.	3.4	48
164	BDNF and 5-HT: a dynamic duo in age-related neuronal plasticity and neurodegenerative disorders. <i>Trends in Neurosciences</i> , 2004, 27, 589-594.	8.6	795
165	A neural signaling triumvirate that influences ageing and age-related disease: insulin/IGF-1, BDNF and serotonin. <i>Ageing Research Reviews</i> , 2004, 3, 445-464.	10.9	242
166	Evidence That Gonadotropin-Releasing Hormone II Is Not a Physiological Regulator of Gonadotropin Secretion in Mammals. <i>Journal of Neuroendocrinology</i> , 2003, 15, 831-839.	2.6	39
167	A novel mammalian receptor for the evolutionarily conserved type II GnRH. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 9636-9641.	7.1	292
168	$\beta$ -Arrestin1 Interacts with the Catalytic Domain of the Tyrosine Kinase c-SRC. <i>Journal of Biological Chemistry</i> , 2000, 275, 11312-11319.	3.4	180
169	Platelet-Derived Growth Factor Receptor Association with Na <sup>+</sup> /H <sup>+</sup> Exchanger Regulatory Factor Potentiates Receptor Activity. <i>Molecular and Cellular Biology</i> , 2000, 20, 8352-8363.	2.3	201
170	<i>Pasteurella multocida</i> Toxin Stimulates Mitogen-activated Protein Kinase via Gq/11-dependent Transactivation of the Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 2239-2245.	3.4	79
171	Role of endocytosis in the activation of the extracellular signal-regulated kinase cascade by sequestering and nonsequestering G protein-coupled receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1489-1494.	7.1	212
172	The $\beta$ 2-Adrenergic Receptor Mediates Extracellular Signal-regulated Kinase Activation via Assembly of a Multi-receptor Complex with the Epidermal Growth Factor Receptor. <i>Journal of Biological Chemistry</i> , 2000, 275, 9572-9580.	3.4	386
173	Transactivation of the EGF Receptor Mediates IGF-1-stimulated Shc Phosphorylation and ERK1/2 Activation in COS-7 Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 22583-22589.	3.4	229
174	Src-mediated Tyrosine Phosphorylation of Dynamin Is Required for $\beta$ 2-Adrenergic Receptor Internalization and Mitogen-activated Protein Kinase Signaling. <i>Journal of Biological Chemistry</i> , 1999, 274, 1185-1188.	3.4	243
175	Pleiotropic Coupling of G Protein-coupled Receptors to the Mitogen-activated Protein Kinase Cascade. <i>Journal of Biological Chemistry</i> , 1999, 274, 13978-13984.	3.4	240
176	$\beta$ -Arrestin-Dependent Formation of $\beta$ 2 Adrenergic Receptor-Src Protein Kinase Complexes. <i>Science</i> , 1999, 283, 655-661.	12.6	1,375
177	Conserved polar residues in the transmembrane domain of the human tachykinin NK2 receptor: functional roles and structural implications. <i>Biochemical Journal</i> , 1999, 339, 55-61.	3.7	47
178	Conserved polar residues in the transmembrane domain of the human tachykinin NK2 receptor: functional roles and structural implications. <i>Biochemical Journal</i> , 1999, 339, 55.	3.7	20
179	The relationship between the agonist-induced activation and desensitization of the human tachykinin NK2 receptor expressed in <i>Xenopus</i> oocytes. <i>British Journal of Pharmacology</i> , 1998, 124, 675-684.	5.4	20
180	Inhibition of Ca <sup>2+</sup> -sensitive K <sup>+</sup> currents in NG 108 $\beta$ 15 cells by substance P and related tachykinins. <i>British Journal of Pharmacology</i> , 1996, 119, 315-320.	5.4	9