

Stuart C Sealton

List of Publications by Year in descending order

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243
papers

14,510
citations

18482

62
h-index

22832

112
g-index

263
all docs

263
docs citations

263
times ranked

16267
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence Alignment of the G-Protein Coupled Receptor Superfamily. <i>DNA and Cell Biology</i> , 1992, 11, 1-20.	1.9	873
2	Identification of a serotonin/glutamate receptor complex implicated in psychosis. <i>Nature</i> , 2008, 452, 93-97.	27.8	739
3	Understanding multicellular function and disease with human tissue-specific networks. <i>Nature Genetics</i> , 2015, 47, 569-576.	21.4	738
4	Hallucinogens Recruit Specific Cortical 5-HT2A Receptor-Mediated Signaling Pathways to Affect Behavior. <i>Neuron</i> , 2007, 53, 439-452.	8.1	692
5	Molecular Mechanisms of Ligand Interaction with the Gonadotropin-Releasing Hormone Receptor. <i>Endocrine Reviews</i> , 1997, 18, 180-205.	20.1	464
6	Accuracy and calibration of commercial oligonucleotide and custom cDNA microarrays. <i>Nucleic Acids Research</i> , 2002, 30, 48e-48.	14.5	453
7	Cortical 5-HT2A Receptor Signaling Modulates Anxiety-Like Behaviors in Mice. <i>Science</i> , 2006, 313, 536-540.	12.6	375
8	RIPK3 Activates Parallel Pathways of MLKL-Driven Necroptosis and FADD-Mediated Apoptosis to Protect against Influenza A Virus. <i>Cell Host and Microbe</i> , 2016, 20, 13-24.	11.0	299
9	Decoding the Signaling of a GPCR Heteromeric Complex Reveals a Unifying Mechanism of Action of Antipsychotic Drugs. <i>Cell</i> , 2011, 147, 1011-1023.	28.9	271
10	Influenza Virus Evades Innate and Adaptive Immunity via the NS1 Protein. <i>Journal of Virology</i> , 2006, 80, 6295-6304.	3.4	260
11	Transcriptome Fingerprints Distinguish Hallucinogenic and Nonhallucinogenic 5-Hydroxytryptamine 2A Receptor Agonist Effects in Mouse Somatosensory Cortex. <i>Journal of Neuroscience</i> , 2003, 23, 8836-8843.	3.6	252
12	Functional Microdomains in G-protein-coupled Receptors. <i>Journal of Biological Chemistry</i> , 1998, 273, 10445-10453.	3.4	222
13	Local Protein Synthesis Mediates a Rapid Increase in Dendritic Elongation Factor 1A after Induction of Late Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2005, 25, 5833-5843.	3.6	214
14	Rhodopsin-family receptors associate with small G proteins to activate phospholipase D. <i>Nature</i> , 1998, 392, 411-414.	27.8	210
15	Metabotropic glutamate mGlu2 receptor is necessary for the pharmacological and behavioral effects induced by hallucinogenic 5-HT2A receptor agonists. <i>Neuroscience Letters</i> , 2011, 493, 76-79.	2.1	210
16	Related Contribution of Specific Helix 2 and 7 Residues to Conformational Activation of the Serotonin 5-HT2A Receptor. <i>Journal of Biological Chemistry</i> , 1995, 270, 16683-16688.	3.4	200
17	Cloning and characterization of the human GnRH receptor. <i>Molecular and Cellular Endocrinology</i> , 1993, 91, R1-R6.	3.2	189
18	Single-cell transcriptional profiles in human skeletal muscle. <i>Scientific Reports</i> , 2020, 10, 229.	3.3	188

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19	<scp>SBML</scp> Level 3: an extensible format for the exchange and reuse of biological models. <i>Molecular Systems Biology</i> , 2020, 16, e9110.	7.2	178
20	CXC chemokine receptors on human oligodendrocytes: implications for multiple sclerosis. <i>Brain</i> , 2005, 128, 1003-1015.	7.6	175
21	Gonadotropin-releasing Hormone Receptor-coupled Gene Network Organization. <i>Journal of Biological Chemistry</i> , 2001, 276, 47195-47201.	3.4	166
22	Psychedelics and schizophrenia. <i>Trends in Neurosciences</i> , 2009, 32, 225-232.	8.6	166
23	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.	28.9	147
24	Method for multiplex cellular detection of mRNAs using quantum dot fluorescent in situ hybridization. <i>Nucleic Acids Research</i> , 2005, 33, e161-e161.	14.5	145
25	SARS-CoV-2 seropositivity and subsequent infection risk in healthy young adults: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2021, 9, 712-720.	10.7	136
26	Cytokine Response Is Determined by Duration of Receptor and Signal Transducers and Activators of Transcription 3 (STAT3) Activation. <i>Journal of Biological Chemistry</i> , 2013, 288, 2986-2993.	3.4	135
27	Mapping the Binding Site Pocket of the Serotonin 5-Hydroxytryptamine _{2A} Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 14672-14675.	3.4	130
28	Dopamine receptors: from structure to behavior. <i>Trends in Neurosciences</i> , 2000, 23, S34-S40.	8.6	130
29	Biphasic Effects of Postnatal Exposure to Diethylhexylphthalate on the Timing of Puberty in Male Rats. <i>Journal of Andrology</i> , 2007, 28, 513-520.	2.0	128
30	Lewis acid catalyzed reactions of methyl propiolate with unactivated alkenes. <i>Journal of the American Chemical Society</i> , 1979, 101, 5283-5293.	13.7	126
31	flowPeaks: a fast unsupervised clustering for flow cytometry data via <i>K</i> -means and density peak finding. <i>Bioinformatics</i> , 2012, 28, 2052-2058.	4.1	123
32	Identification of Three Residues Essential for 5-Hydroxytryptamine _{2A} -Metabotropic Glutamate ₂ (5-HT _{2A} -mGlu ₂) Receptor Heteromerization and Its Psychoactive Behavioral Function. <i>Journal of Biological Chemistry</i> , 2012, 287, 44301-44319.	3.4	122
33	Conserved Helix 7 Tyrosine Acts as a Multistate Conformational Switch in the 5HT _{2C} Receptor. <i>Journal of Biological Chemistry</i> , 2002, 277, 36577-36584.	3.4	111
34	Functional crosstalk and heteromerization of serotonin 5-HT _{2A} and dopamine D ₂ receptors. <i>Neuropharmacology</i> , 2011, 61, 770-777.	4.1	98
35	A Locus of the Gonadotropin-releasing Hormone Receptor That Differentiates Agonist and Antagonist Binding Sites. <i>Journal of Biological Chemistry</i> , 1995, 270, 18853-18857.	3.4	96
36	CellCODE: a robust latent variable approach to differential expression analysis for heterogeneous cell populations. <i>Bioinformatics</i> , 2015, 31, 1584-1591.	4.1	96

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37	Localization of multiple dopamine receptor subtype mRNAs in human and monkey motor cortex and striatum. <i>Molecular Brain Research</i> , 1992, 15, 181-188.	2.3	95
38	SARS-CoV-2 Transmission among Marine Recruits during Quarantine. <i>New England Journal of Medicine</i> , 2020, 383, 2407-2416.	27.0	94
39	Identification of Three Putative GnRH Receptor Subtypes in Vertebrates. <i>General and Comparative Endocrinology</i> , 1998, 112, 296-302.	1.8	92
40	Identification of N-glycosylation sites in the gonadotropin-releasing hormone receptor: role in receptor expression but not ligand binding. <i>Molecular and Cellular Endocrinology</i> , 1995, 107, 241-245.	3.2	89
41	Comparative Sequence Analysis and Functional Characterization of the Cloned Sheep Gonadotropin-Releasing Hormone Receptor Reveals Differences in Primary Structure and Ligand Specificity among Mammalian Receptors. <i>Biochemical and Biophysical Research Communications</i> , 1993, 196, 745-751.	2.1	87
42	Early Single Cell Bifurcation of Pro- and Antiapoptotic States during Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2004, 279, 27494-27501.	3.4	86
43	Agonist-specific Transactivation of Phosphoinositide 3-Kinase Signaling Pathway Mediated by the Dopamine D2 Receptor. <i>Journal of Biological Chemistry</i> , 2003, 278, 47053-47061.	3.4	85
44	p53 Mediates Nontranscriptional Cell Death in Dopaminergic Cells in Response to Proteasome Inhibition. <i>Journal of Biological Chemistry</i> , 2006, 281, 39550-39560.	3.4	85
45	Getting Started in Biological Pathway Construction and Analysis. <i>PLoS Computational Biology</i> , 2008, 4, e16.	3.2	84
46	A novel human GnRH receptor homolog gene: abundant and wide tissue distribution of the antisense transcript. <i>Journal of Endocrinology</i> , 1999, 162, 117-126.	2.6	77
47	Activation of phosphoinositide 3-kinase by D2 receptor prevents apoptosis in dopaminergic cell lines. <i>Biochemical Journal</i> , 2003, 373, 25-32.	3.7	76
48	The Functional Microdomain in Transmembrane Helices 2 and 7 Regulates Expression, Activation, and Coupling Pathways of the Gonadotropin-releasing Hormone Receptor. <i>Journal of Biological Chemistry</i> , 1999, 274, 28880-28886.	3.4	75
49	Pathway-level information extractor (PLIER) for gene expression data. <i>Nature Methods</i> , 2019, 16, 607-610.	19.0	74
50	Single-cell analysis shows that paracrine signaling by first responder cells shapes the interferon- β response to viral infection. <i>Science Signaling</i> , 2015, 8, ra16.	3.6	73
51	Structure of the GnRH receptor-stimulated signaling network: insights from genomics. <i>Frontiers in Neuroendocrinology</i> , 2003, 24, 181-199.	5.2	72
52	Hormonal Regulation of Gonadotropin-Releasing Hormone Receptors and Messenger RNA Activity in Ovine Pituitary Culture. <i>Molecular Endocrinology</i> , 1990, 4, 1980-1987.	3.7	70
53	Chronic exposure to TNF- α increases airway mucus gene expression. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 116, 1256-1263.	2.9	70
54	Molecular Basis of Partial Agonism: Orientation of Indoleamine Ligands in the Binding Pocket of the Human Serotonin 5-HT _{2A} Receptor Determines Relative Efficacy. <i>Molecular Pharmacology</i> , 2003, 63, 36-43.	2.3	69

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55	Agonist-Trafficking and Hallucinogens. <i>Current Medicinal Chemistry</i> , 2009, 16, 1017-1027.	2.4	69
56	High resolution annotation of zebrafish transcriptome using long-read sequencing. <i>Genome Research</i> , 2018, 28, 1415-1425.	5.5	69
57	Multiple Interactions of the Asp2.61(98)Side Chain of the Gonadotropin-Releasing Hormone Receptor Contribute Differentially to Ligand Interaction. <i>Biochemistry</i> , 2000, 39, 8133-8141.	2.5	68
58	Group II metabotropic glutamate receptors and schizophrenia. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3777-3785.	5.4	68
59	The human herpesvirus 8 chemokine receptor vGPCR triggers autonomous proliferation of endothelial cells. <i>Journal of Clinical Investigation</i> , 2006, 116, 1264-1273.	8.2	68
60	A Chicken Gonadotropin-releasing Hormone Receptor That Confers Agonist Activity to Mammalian Antagonists. <i>Journal of Biological Chemistry</i> , 2001, 276, 7754-7761.	3.4	67
61	Interferon- β Pretreatment of Conventional and Plasmacytoid Human Dendritic Cells Enhances Their Activation by Influenza Virus. <i>PLoS Pathogens</i> , 2008, 4, e1000193.	4.7	67
62	Focused microarray analysis. <i>Methods</i> , 2003, 31, 306-316.	3.8	66
63	Reactions of phenylhydrazones with electron-deficient alkenes. <i>Journal of Organic Chemistry</i> , 1979, 44, 218-221.	3.2	65
64	Nuclear translocation of GAPDH-GFP fusion protein during apoptosis. <i>NeuroReport</i> , 1999, 10, 1149-1153.	1.2	65
65	Innate Immune Response to Influenza Virus at Single-Cell Resolution in Human Epithelial Cells Revealed Paracrine Induction of Interferon Lambda 1. <i>Journal of Virology</i> , 2019, 93, .	3.4	65
66	Heterogeneous distribution of D1, D2 and D5 receptor mRNAs in monkey striatum. <i>Brain Research</i> , 1993, 616, 242-250.	2.2	62
67	Heterogeneous origins and functions of mouse skeletal muscle-resident macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20729-20740.	7.1	59
68	Alternative transcripts of the rat and human dopamine D3 receptor. <i>Biochemical and Biophysical Research Communications</i> , 1991, 180, 1031-1035.	2.1	57
69	Chromosome-specific and noisy IFNB1 transcription in individual virus-infected human primary dendritic cells. <i>Nucleic Acids Research</i> , 2007, 35, 5232-5241.	14.5	57
70	Sarcoglycan immunoreactivity and mRNA expression in mouse brain. <i>Journal of Comparative Neurology</i> , 2005, 482, 50-73.	1.6	55
71	Coupling of GnRH Concentration and the GnRH Receptor-Activated Gene Program. <i>Molecular Endocrinology</i> , 2002, 16, 1145-1153.	3.7	54
72	RNA and DNA Microarrays. <i>Methods in Molecular Biology</i> , 2011, 671, 3-34.	0.9	54

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73	Dopamine D2-receptor messenger RNA is differentially regulated by dopaminergic agents in rat anterior and neurointermediate pituitary. <i>Molecular and Cellular Endocrinology</i> , 1989, 67, 101-105.	3.2	52
74	Transcript Profiling of Immediate Early Genes Reveals a Unique Role for Activating Transcription Factor 3 in Mediating Activation of the Glycoprotein Hormone β -Subunit Promoter by Gonadotropin-Releasing Hormone. <i>Molecular Endocrinology</i> , 2005, 19, 2624-2638.	3.7	52
75	Bone morphogenetic protein 2 and activin A synergistically stimulate follicle-stimulating hormone β subunit transcription. <i>Journal of Molecular Endocrinology</i> , 2007, 38, 315-330.	2.5	52
76	Sedentary and Trained Older Men Have Distinct Circulating Exosomal microRNA Profiles at Baseline and in Response to Acute Exercise. <i>Frontiers in Physiology</i> , 2020, 11, 605.	2.8	52
77	Structure of the Mouse Gonadotropin-Releasing Hormone Receptor Gene: Variant Transcripts Generated by Alternative Processing. <i>DNA and Cell Biology</i> , 1994, 13, 605-614.	1.9	49
78	BAC-mediated transgenic expression of fluorescent autophagic protein Beclin 1 reveals a role for Beclin 1 in lymphocyte development. <i>Cell Death and Differentiation</i> , 2008, 15, 1385-1395.	11.2	49
79	Interactive Big Data Resource to Elucidate Human Immune Pathways and Diseases. <i>Immunity</i> , 2015, 43, 605-614.	14.3	49
80	Ex vivo human HSC expansion requires coordination of cellular reprogramming with mitochondrial remodeling and p53 activation. <i>Blood Advances</i> , 2018, 2, 2766-2779.	5.2	48
81	Monitoring G-Protein-Coupled Receptor Signaling with DNA Microarrays and Real-Time Polymerase Chain Reaction. <i>Methods in Enzymology</i> , 2002, 345, 556-569.	1.0	46
82	Mixed Analog/Digital Gonadotrope Biosynthetic Response to Gonadotropin-releasing Hormone. <i>Journal of Biological Chemistry</i> , 2006, 281, 30967-30978.	3.4	46
83	Antiviral Response Dictated by Choreographed Cascade of Transcription Factors. <i>Journal of Immunology</i> , 2010, 184, 2908-2917.	0.8	46
84	Structural motifs as functional microdomains in G-protein-coupled receptors: Energetic considerations in the mechanism of activation of the serotonin 5-HT _{2A} receptor by disruption of the ionic lock of the arginine cage. <i>International Journal of Quantum Chemistry</i> , 2002, 88, 65-75.	2.0	45
85	Solving Immunology?. <i>Trends in Immunology</i> , 2017, 38, 116-127.	6.8	45
86	Microtranscriptome regulation by gonadotropin-releasing hormone. <i>Molecular and Cellular Endocrinology</i> , 2009, 302, 12-17.	3.2	44
87	Pandemic H1N1 influenza A viruses suppress immunogenic RIPK3-driven dendritic cell death. <i>Nature Communications</i> , 2017, 8, 1931.	12.8	44
88	Heteromerization of G Protein-Coupled Receptors: Relevance to Neurological Disorders and Neurotherapeutics. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010, 9, 636-650.	1.4	44
89	Genomics view of gonadotrope signaling circuits. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 331-338.	7.1	42
90	Acute Induction of Gene Expression in Brain and Liver by Insulin-Induced Hypoglycemia. <i>Diabetes</i> , 2005, 54, 952-958.	0.6	42

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91	Distribution of dopamine D2 receptor mRNA splice variants in the rat by solution hybridization/protection assay. <i>Neuroscience Letters</i> , 1991, 122, 37-40.	2.1	41
92	Evaluation of the role of the D2 dopamine receptor in myoclonus dystonia. <i>Annals of Neurology</i> , 2000, 47, 369-373.	5.3	41
93	Tellurium notebooks—An environment for reproducible dynamical modeling in systems biology. <i>PLoS Computational Biology</i> , 2018, 14, e1006220.	3.2	41
94	Functional domains of the gonadotropin-releasing hormone receptor. <i>Cellular and Molecular Neurobiology</i> , 1995, 15, 25-42.	3.3	40
95	Validated genomic approach to study differentially expressed genes in complex tissues. <i>Neurochemical Research</i> , 2002, 27, 1027-1033.	3.3	39
96	G Proteins and Autocrine Signaling Differentially Regulate Gonadotropin Subunit Expression in Pituitary Gonadotrope. <i>Journal of Biological Chemistry</i> , 2012, 287, 21550-21560.	3.4	39
97	Chronic treatment with LY341495 decreases 5-HT2A receptor binding and hallucinogenic effects of LSD in mice. <i>Neuroscience Letters</i> , 2013, 536, 69-73.	2.1	39
98	Single nucleus multi-omics regulatory landscape of the murine pituitary. <i>Nature Communications</i> , 2021, 12, 2677.	12.8	38
99	Gonadotropin-Releasing Hormone Receptor Expression in <i>Xenopus</i> Oocytes. <i>Molecular Endocrinology</i> , 1990, 4, 119-124.	3.7	34
100	Signaling network of dendritic cells in response to pathogens: a community-input supported knowledgebase. <i>BMC Systems Biology</i> , 2010, 4, 137.	3.0	33
101	SOME STEP-DOWN PROCEDURES CONTROLLING THE FALSE DISCOVERY RATE UNDER DEPENDENCE. <i>Statistica Sinica</i> , 2008, 18, 881-904.	0.3	33
102	Module Dynamics of the GnRH Signal Transduction Network. <i>Journal of Theoretical Biology</i> , 2002, 218, 457-470.	1.7	32
103	Module Dynamics of the GnRH Signal Transduction Network. <i>Journal of Theoretical Biology</i> , 2002, 218, 457-470.	1.7	32
104	Involvement of Histone Demethylase LSD1 in Short-Time-Scale Gene Expression Changes during Cell Cycle Progression in Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2012, 32, 4861-4876.	2.3	32
105	Role of Cell-to-Cell Variability in Activating a Positive Feedback Antiviral Response in Human Dendritic Cells. <i>PLoS ONE</i> , 2011, 6, e16614.	2.5	32
106	Paradoxical Locomotor Behavior of Dopamine D1 Receptor Transgenic Mice. <i>Experimental Neurology</i> , 1999, 157, 169-179.	4.1	31
107	Cutting Edge: Distinct B Cell Repertoires Characterize Patients with Mild and Severe COVID-19. <i>Journal of Immunology</i> , 2021, 206, 2785-2790.	0.8	31
108	A New Family of Boucher-Neuhauuser Syndrome: Coexistence of Holmes Type Cerebellar Atrophy, Hypogonadotropic Hypogonadism and Retinochoroidar Degeneration: Case Reports and Review of Literature.. <i>Endocrine Journal</i> , 1995, 42, 367-376.	1.6	28

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109	Interclass GPCR heteromerization affects localization and trafficking. <i>Science Signaling</i> , 2020, 13, .	3.6	28
110	Either isoform of the dopamine D2 receptor can mediate dopaminergic repression of the rat prolactin promoter. <i>Molecular and Cellular Endocrinology</i> , 1991, 79, R1-R7.	3.2	27
111	Human Dendritic Cell Response Signatures Distinguish 1918, Pandemic, and Seasonal H1N1 Influenza Viruses. <i>Journal of Virology</i> , 2015, 89, 10190-10205.	3.4	27
112	Single nucleus transcriptome and chromatin accessibility of postmortem human pituitaries reveal diverse stem cell regulatory mechanisms. <i>Cell Reports</i> , 2022, 38, 110467.	6.4	27
113	Time and Length Scales of Autocrine Signals in Three Dimensions. <i>Biophysical Journal</i> , 2007, 93, 1917-1922.	0.5	26
114	Misty Mountain clustering: application to fast unsupervised flow cytometry gating. <i>BMC Bioinformatics</i> , 2010, 11, 502.	2.6	26
115	Persistent effects of chronic clozapine on the cellular and behavioral responses to LSD in mice. <i>Psychopharmacology</i> , 2013, 225, 217-226.	3.1	26
116	Growth Differentiation Factor 9 (GDF9) Forms an Incoherent Feed-forward Loop Modulating Follicle-stimulating Hormone β -Subunit (FSH β) Gene Expression. <i>Journal of Biological Chemistry</i> , 2014, 289, 16164-16175.	3.4	26
117	Cross-signaling in metabotropic glutamate 2 and serotonin 2A receptor heteromers in mammalian cells. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 775-793.	2.8	26
118	Antiviral-Activated Dendritic Cells: A Paracrine-Induced Response State. <i>Journal of Immunology</i> , 2008, 181, 6872-6881.	0.8	25
119	Immune Response Modeling of Interferon β -Pretreated Influenza Virus-Infected Human Dendritic Cells. <i>Biophysical Journal</i> , 2010, 98, 505-514.	0.5	25
120	Differential gene expression in patients with amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2011, 12, 250-256.	2.1	25
121	Noise Propagation and Scaling in Regulation of Gonadotrope Biosynthesis. <i>Biophysical Journal</i> , 2007, 93, 4474-4480.	0.5	23
122	Attenuated activation of pulmonary immune cells in mRNA-1273 β -vaccinated hamsters after SARS-CoV-2 infection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
123	Homologous up-regulation of the gonadotropin-releasing hormone receptor in alpha T3-1 cells is associated with unchanged receptor messenger RNA (mRNA) levels and altered mRNA activity. <i>Molecular Endocrinology</i> , 1993, 7, 1625-1633.	3.7	23
124	Mutational analysis of the serotonin receptor 5HT $2c$ in severe early-onset human obesity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004, 82, 426-429.	1.4	22
125	Multiple testing and its applications to microarrays. <i>Statistical Methods in Medical Research</i> , 2009, 18, 543-563.	1.5	22
126	Outside the box signaling: Secreted factors modulate GnRH receptor-mediated gonadotropin regulation. <i>Molecular and Cellular Endocrinology</i> , 2014, 385, 56-61.	3.2	22

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127	Single-cell stabilization method identifies gonadotrope transcriptional dynamics and pituitary cell type heterogeneity. <i>Nucleic Acids Research</i> , 2018, 46, 11370-11380.	14.5	21
128	TGFBR3L is an inhibin B co-receptor that regulates female fertility. <i>Science Advances</i> , 2021, 7, eabl4391.	10.3	21
129	Asymptomatic SARS-CoV-2 Infection Is Associated With Higher Levels of Serum IL-17C, Matrix Metalloproteinase 10 and Fibroblast Growth Factors Than Mild Symptomatic COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 821730.	4.8	21
130	Activation of ionic currents in <i>Xenopus</i> oocytes by corticotropin-releasing peptides. <i>Molecular Brain Research</i> , 1988, 4, 201-205.	2.3	20
131	Novel Nipah Virus Immune-Antagonism Strategy Revealed by Experimental and Computational Study. <i>Journal of Virology</i> , 2010, 84, 10965-10973.	3.4	20
132	Comparative analysis of anti-viral transcriptomics reveals novel effects of influenza immune antagonism. <i>BMC Immunology</i> , 2015, 16, 46.	2.2	19
133	Low variance RNAs identify Parkinson's disease molecular signature in blood. <i>Movement Disorders</i> , 2015, 30, 813-821.	3.9	18
134	Skeletal muscle transcriptional networks linked to type I myofiber grouping in Parkinson's disease. <i>Journal of Applied Physiology</i> , 2020, 128, 229-240.	2.5	18
135	Functional expression of brain cholecystokinin and bombesin receptors in <i>Xenopus</i> oocytes. <i>Molecular Brain Research</i> , 1988, 4, 75-79.	2.3	17
136	β -Catenin Regulates GnRH-Induced FSH β Gene Expression. <i>Molecular Endocrinology</i> , 2013, 27, 224-237.	3.7	17
137	Modeling and high-throughput experimental data uncover the mechanisms underlying Fshb gene sensitivity to gonadotropin-releasing hormone pulse frequency. <i>Journal of Biological Chemistry</i> , 2017, 292, 9815-9829.	3.4	17
138	Interferon- β acts directly on T cells to prolong allograft survival by enhancing regulatory T cell induction through Foxp3 acetylation. <i>Immunity</i> , 2022, 55, 459-474.e7.	14.3	17
139	Module dynamics of the GnRH signal transduction network. <i>Journal of Theoretical Biology</i> , 2002, 218, 457-70.	1.7	17
140	Regulation of dopamine D2 receptor mRNA expression in the olfactory tubercle by cocaine. <i>Molecular Brain Research</i> , 1993, 19, 313-317.	2.3	15
141	Conserved helix 7 tyrosine functions as an activation relay in the serotonin 5HT _{2C} receptor. <i>Molecular Brain Research</i> , 2000, 84, 90-96.	2.3	15
142	Research Resource: Gonadotropin-Releasing Hormone Receptor-Mediated Signaling Network in β T2 Cells: A Pathway-Based Web-Accessible Knowledgebase. <i>Molecular Endocrinology</i> , 2010, 24, 1863-1871.	3.7	15
143	Mouse Dendritic Cell (DC) Influenza Virus Infectivity Is Much Lower than That for Human DCs and Is Hemagglutinin Subtype Dependent. <i>Journal of Virology</i> , 2013, 87, 1916-1918.	3.4	15
144	Combinatorial Cytokine Code Generates Anti-Viral State in Dendritic Cells. <i>Frontiers in Immunology</i> , 2014, 5, 73.	4.8	15

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145	Regulatory Architecture of the L ^Î 2T2 Gonadotrope Cell Underlying the Response to Gonadotropin-Releasing Hormone. <i>Frontiers in Endocrinology</i> , 2018, 9, 34.	3.5	15
146	Rehabilitative Impact of Exercise Training on Human Skeletal Muscle Transcriptional Programs in Parkinsonâ€™s Disease. <i>Frontiers in Physiology</i> , 2020, 11, 653.	2.8	15
147	Mining Microarrays for Metabolic Meaning: Nutritional Regulation of Hypothalamic Gene Expression. <i>Neurochemical Research</i> , 2004, 29, 1093-1103.	3.3	14
148	BioPP: a tool for web-publication of biological networks. <i>BMC Bioinformatics</i> , 2007, 8, 168.	2.6	14
149	Hybrid Bayesian-rank integration approach improves the predictive power of genomic dataset aggregation. <i>Bioinformatics</i> , 2015, 31, 209-215.	4.1	14
150	MOCCASIN: converting MATLAB ODE models to SBML. <i>Bioinformatics</i> , 2016, 32, 1905-1906.	4.1	14
151	Receptor Pair for Schizophrenia. <i>Pediatric Research</i> , 2008, 64, 1-1.	2.3	13
152	Improved compensation in flow cytometry by multivariable optimization. , 2011, 79A, 356-360.		13
153	Cytogenetic, Genomic, and Functional Characterization of Pituitary Gonadotrope Cell Lines. <i>Journal of the Endocrine Society</i> , 2019, 3, 902-920.	0.2	13
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