

Stuart C Sealfon

List of Publications by Year in descending order

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Version: 2024-02-01

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	Skeletal muscle transcriptome response to a bout of endurance exercise in physically active and sedentary older adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 322, E260-E277.	3.5	13
2	Interferon- γ 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
3	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
4	Optimization of the Omni-ATAC protocol to chromatin accessibility profiling in snap-frozen rat adipose and muscle tissues. <i>MethodsX</i> , 2022, 9, 101681.	1.6	1
5	CHARM: COVID-19 Health Action Response for Marines—Association of antigen-specific interferon-gamma and IL2 responses with asymptomatic and symptomatic infections after a positive qPCR SARS-CoV-2 test. <i>PLoS ONE</i> , 2022, 17, e0266691.	2.5	1
6	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
7	A single intranasal dose of human parainfluenza virus type 3-vectored vaccine induces effective antibody and memory T cell response in the lungs and protects hamsters against SARS-CoV-2. <i>Npj Vaccines</i> , 2022, 7, 47.	6.0	6
8	Transcription factor GATA2 may potentiate follicle-stimulating hormone production in mice via induction of the BMP antagonist gremlin in gonadotrope cells. <i>Journal of Biological Chemistry</i> , 2022, 298, 102072.	3.4	5
9	Multi-omics profiling of single nuclei from frozen archived postmortem human pituitary tissue. <i>STAR Protocols</i> , 2022, 3, 101446.	1.2	7
10	Earlier detection of SARS-CoV-2 infection by blood RNA signature microfluidics assay. <i>Clinical and Translational Discovery</i> , 2022, 2, .	0.5	2
11	Endocrinology of a Single Cell: Tools and Insights. , 2021, , 1-25.		0
12	Viable virus shedding during SARS-CoV-2 reinfection. <i>Lancet Respiratory Medicine</i> , 2021, 9, e56-e57.	10.7	11
13	Single nucleus multi-omics regulatory landscape of the murine pituitary. <i>Nature Communications</i> , 2021, 12, 2677.	12.8	38
14	Single Nucleus Transcriptome and Chromatin Accessibility Landscapes of Human Pituitaries. <i>Journal of the Endocrine Society</i> , 2021, 5, A653-A654.	0.2	0
15	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
16	Antibody Responses to SARS-CoV-2 Following an Outbreak Among Marine Recruits With Asymptomatic or Mild Infection. <i>Frontiers in Immunology</i> , 2021, 12, 681586.	4.8	6
17	Comparing Host Module Activation Patterns and Temporal Dynamics in Infection by Influenza H1N1 Viruses. <i>Frontiers in Immunology</i> , 2021, 12, 691758.	4.8	0
18	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

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19	Attenuated activation of pulmonary immune cells in mRNA-1273â€“vaccinated hamsters after SARS-CoV-2 infection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	23
20	Differential analysis of chromatin accessibility and gene expression profiles identifies cis-regulatory elements in rat adipose and muscle. <i>Genomics</i> , 2021, 113, 3827-3841.	2.9	11
21	TGFBRL3 is an inhibin B co-receptor that regulates female fertility. <i>Science Advances</i> , 2021, 7, eabl4391.	10.3	21
22	Immunological and Genetic Investigation of SARS-CoV-2 Reinfection in an Otherwise Healthy, Young Marine Recruit. <i>Pathogens</i> , 2021, 10, 1589.	2.8	1
23	Spatio-temporal dynamics of Host-Virus competition: A model study of influenza A. <i>Journal of Theoretical Biology</i> , 2020, 484, 110026.	1.7	10
24	Skeletal muscle transcriptional networks linked to type I myofiber grouping in Parkinsonâ€™s disease. <i>Journal of Applied Physiology</i> , 2020, 128, 229-240.	2.5	18
25	Interclass GPCR heteromerization affects localization and trafficking. <i>Science Signaling</i> , 2020, 13, .	3.6	28
26	SAT-298 Integrative Single-Cell Transcriptomic and Epigenomic Landscape of Mouse Anterior Pituitary Cell Types. <i>Journal of the Endocrine Society</i> , 2020, 4, .	0.2	0
27	SARS-CoV-2 Transmission among Marine Recruits during Quarantine. <i>New England Journal of Medicine</i> , 2020, 383, 2407-2416.	27.0	94
28	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
29	Structure and function of serotonin GPCR heteromers. <i>Handbook of Behavioral Neuroscience</i> , 2020, 31, 217-238.	0.7	1
30	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.	28.9	147
31	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
32	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
33	Single-cell transcriptional profiles in human skeletal muscle. <i>Scientific Reports</i> , 2020, 10, 229.	3.3	188
34	<sc>SBML</sc> Level 3: an extensible format for the exchange and reuse of biological models. <i>Molecular Systems Biology</i> , 2020, 16, e9110.	7.2	178
35	Deciphering the combinatorial landscape of immunity. <i>ELife</i> , 2020, 9, .	6.0	6
36	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

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37	Pathway-level information extractor (PLIER) for gene expression data. <i>Nature Methods</i> , 2019, 16, 607-610.	19.0	74
38	Cytogenetic, Genomic, and Functional Characterization of Pituitary Gonadotrope Cell Lines. <i>Journal of the Endocrine Society</i> , 2019, 3, 902-920.	0.2	13
39	Differential Modulation of Innate Immune Responses in Human Primary Cells by Influenza A Viruses Carrying Human or Avian Nonstructural Protein 1. <i>Journal of Virology</i> , 2019, 94, .	3.4	12
40	SAT-414 Cytogenetic, Genomic, and Functional Characterization of Pituitary Gonadotrope Cell Lines. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
41	Interpretation of an individual functional genomics experiment guided by massive public data. <i>Nature Methods</i> , 2018, 15, 1049-1052.	19.0	5
42	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
43	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
44	Tellurium notebooksâ€™ An environment for reproducible dynamical modeling in systems biology. <i>PLoS Computational Biology</i> , 2018, 14, e1006220.	3.2	41
45	High resolution annotation of zebrafish transcriptome using long-read sequencing. <i>Genome Research</i> , 2018, 28, 1415-1425.	5.5	69
46	Regulatory Architecture of the L ^{Î²} T2 Gonadotrope Cell Underlying the Response to Gonadotropin-Releasing Hormone. <i>Frontiers in Endocrinology</i> , 2018, 9, 34.	3.5	15
47	G Protein-Coupled Receptors. <i>Endocrinology</i> , 2018, , 85-120.	0.1	3
48	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
49	Multiscale Modeling of Complex Formation and CD80 Depletion during Immune Synapse Development. <i>Biophysical Journal</i> , 2017, 112, 997-1009.	0.5	11
50	Solving Immunology?. <i>Trends in Immunology</i> , 2017, 38, 116-127.	6.8	45
51	Pandemic H1N1 influenza A viruses suppress immunogenic RIPK3-driven dendritic cell death. <i>Nature Communications</i> , 2017, 8, 1931.	12.8	44
52	Elucidation of molecular kinetic schemes from macroscopic traces using system identification. <i>PLoS Computational Biology</i> , 2017, 13, e1005376.	3.2	1
53	Low Back Pain and Neck Pain. , 2016, , 186-191.		0
54	Delirium and Coma. , 2016, , 47-58.		0

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55	Motor Neuron Disease. , 2016, , 393-402.		1
56	Pain Disorders. , 2016, , 410-419.		0
57	Myopathy. , 2016, , 369-379.		0
58	Neuroradiology. , 2016, , 13-21.		0
59	Alzheimer's Disease and Frontotemporal Dementia. , 2016, , 295-306.		0
60	MOCCASIN: converting MATLAB ODE models to SBML. Bioinformatics, 2016, 32, 1905-1906.	4.1	14
61	Characterization of Gonadotrope Secretoproteome Identifies Neurosecretory Protein VGF-derived Peptide Suppression of Follicle-stimulating Hormone Gene Expression. Journal of Biological Chemistry, 2016, 291, 21322-21334.	3.4	9
62	Vascular Diseases. , 2016, , 213-227.		0
63	Migraine and Other Headache Disorders. , 2016, , 420-430.		0
64	Neurologic Complications of Systemic Disease. , 2016, , 228-238.		0
65	Multiple Sclerosis and Other Inflammatory Diseases. , 2016, , 249-258.		0
66	Neuromuscular Junction Disorders. , 2016, , 380-392.		0
67	Metabolic Encephalopathy, Hypoxic-Ischemic Encephalopathy, and Brain Death. , 2016, , 403-409.		0
68	Vertigo, Dizziness, and Hearing Loss. , 2016, , 144-155.		0
69	Difficulty Walking. , 2016, , 164-170.		0
70	Tingling and Loss of Sensation. , 2016, , 180-185.		0
71	Infections of the Nervous System. , 2016, , 259-270.		0
72	Postoperative Neurosurgical Patients. , 2016, , 464-475.		0

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73	Memory Loss and Dementia. , 2016, , 93-101.		0
74	Facial Weakness, Slurred Speech, and Difficulty Swallowing. , 2016, , 156-163.		0
75	Cerebellar and Brainstem Disorders. , 2016, , 307-325.		0
76	Neurophysiologic and Other Neurodiagnostic Tests. , 2016, , 22-46.		0
77	Parkinson's Disease and Related Disorders. , 2016, , 271-281.		0
78	Hyperkinetic Movement Disorders. , 2016, , 282-294.		0
79	Neurocritical Care. , 2016, , 440-450.		0
80	RIPK3 Activates Parallel Pathways of MLKL-Driven Necroptosis and FADD-Mediated Apoptosis to Protect against Influenza A Virus. Cell Host and Microbe, 2016, 20, 13-24.	11.0	299
81	Cross-signaling in metabotropic glutamate 2 and serotonin 2A receptor heteromers in mammalian cells. Pflugers Archiv European Journal of Physiology, 2016, 468, 775-793.	2.8	26
82	G Protein-Coupled Receptors. Endocrinology, 2016, , 1-37.	0.1	0
83	CellCODE: a robust latent variable approach to differential expression analysis for heterogeneous cell populations. Bioinformatics, 2015, 31, 1584-1591.	4.1	96
84	Hybrid Bayesian-rank integration approach improves the predictive power of genomic dataset aggregation. Bioinformatics, 2015, 31, 209-215.	4.1	14
85	Human Dendritic Cell Response Signatures Distinguish 1918, Pandemic, and Seasonal H1N1 Influenza Viruses. Journal of Virology, 2015, 89, 10190-10205.	3.4	27
86	Understanding multicellular function and disease with human tissue-specific networks. Nature Genetics, 2015, 47, 569-576.	21.4	738
87	Low-variance RNAs identify Parkinson's disease molecular signature in blood. Movement Disorders, 2015, 30, 813-821.	3.9	18
88	Single-cell analysis shows that paracrine signaling by first responder cells shapes the interferon- β response to viral infection. Science Signaling, 2015, 8, ra16.	3.6	73
89	Comparative analysis of anti-viral transcriptomics reveals novel effects of influenza immune antagonism. BMC Immunology, 2015, 16, 46.	2.2	19
90	Interactive Big Data Resource to Elucidate Human Immune Pathways and Diseases. Immunity, 2015, 43, 605-614.	14.3	49

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91	Increasing Consistency of Disease Biomarker Prediction Across Datasets. PLoS ONE, 2014, 9, e91272.	2.5	6
92	Homer1 Alternative Splicing Is Regulated by Gonadotropin-Releasing Hormone and Modulates Gonadotropin Gene Expression. Molecular and Cellular Biology, 2014, 34, 1747-1756.	2.3	6
93	Growth Differentiation Factor 9 (GDF9) Forms an Incoherent Feed-forward Loop Modulating Follicle-stimulating Hormone β -Subunit (FSH β) Gene Expression. Journal of Biological Chemistry, 2014, 289, 16164-16175.	3.4	26
94	Combinatorial Cytokine Code Generates Anti-Viral State in Dendritic Cells. Frontiers in Immunology, 2014, 5, 73.	4.8	15
95	Outside the box signaling: Secreted factors modulate GnRH receptor-mediated gonadotropin regulation. Molecular and Cellular Endocrinology, 2014, 385, 56-61.	3.2	22
96	Persistent effects of chronic clozapine on the cellular and behavioral responses to LSD in mice. Psychopharmacology, 2013, 225, 217-226.	3.1	26
97	Reconstruction of regulatory networks through temporal enrichment profiling and its application to H1N1 influenza viral infection. BMC Bioinformatics, 2013, 14, S1.	2.6	11
98	Chronic treatment with LY341495 decreases 5-HT _{2A} receptor binding and hallucinogenic effects of LSD in mice. Neuroscience Letters, 2013, 536, 69-73.	2.1	39
99	Noise propagation through extracellular signaling leads to fluctuations in gene expression. BMC Systems Biology, 2013, 7, 94.	3.0	9
100	β -Catenin Regulates GnRH-Induced FSH β Gene Expression. Molecular Endocrinology, 2013, 27, 224-237.	3.7	17
101	Mouse Dendritic Cell (DC) Influenza Virus Infectivity Is Much Lower than That for Human DCs and Is Hemagglutinin Subtype Dependent. Journal of Virology, 2013, 87, 1916-1918.	3.4	15
102	Cytokine Response Is Determined by Duration of Receptor and Signal Transducers and Activators of Transcription 3 (STAT3) Activation. Journal of Biological Chemistry, 2013, 288, 2986-2993.	3.4	135
103	G Proteins and Autocrine Signaling Differentially Regulate Gonadotropin Subunit Expression in Pituitary Gonadotrope. Journal of Biological Chemistry, 2012, 287, 21550-21560.	3.4	39
104	Identification of Three Residues Essential for 5-Hydroxytryptamine 2A-Metabotropic Glutamate 2 (5-HT _{2A} ·mGlu ₂) Receptor Heteromerization and Its Psychoactive Behavioral Function. Journal of Biological Chemistry, 2012, 287, 44301-44319.	3.4	122
105	Involvement of Histone Demethylase LSD1 in Short-Time-Scale Gene Expression Changes during Cell Cycle Progression in Embryonic Stem Cells. Molecular and Cellular Biology, 2012, 32, 4861-4876.	2.3	32
106	flowPeaks: a fast unsupervised clustering for flow cytometry data via <i>k</i> -means and density peak finding. Bioinformatics, 2012, 28, 2052-2058.	4.1	123
107	Computational approaches to understanding dendritic cell responses to influenza virus infection. Immunologic Research, 2012, 54, 160-168.	2.9	3
108	Optimized amplification and single-cell analysis identify GnRH-mediated activation of Rap1b in primary rat gonadotropes. Molecular and Cellular Endocrinology, 2012, 350, 10-19.	3.2	10

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109	RNA and DNA Microarrays. <i>Methods in Molecular Biology</i> , 2011, 671, 3-34.	0.9	54
110	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
111	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
112	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
113	Functional crosstalk and heteromerization of serotonin 5-HT2A and dopamine D2 receptors. <i>Neuropharmacology</i> , 2011, 61, 770-777.	4.1	98
114	Optimized Protocol for Efficient Transfection of Dendritic Cells without Cell Maturation. <i>Journal of Visualized Experiments</i> , 2011, , e2766.	0.3	7
115	Multi-Scale Stochastic Simulation of Diffusion-Coupled Agents and Its Application to Cell Culture Simulation. <i>PLoS ONE</i> , 2011, 6, e29298.	2.5	10
116	Improved compensation in flow cytometry by multivariable optimization. , 2011, 79A, 356-360.		13
117	Authors response to correspondence about an improved compensation method. , 2011, 79A, 975-978.		0
118	Characterization of a MAPK Scaffolding Protein Logic Gate in Gonadotropes. <i>Molecular Endocrinology</i> , 2011, 25, 1027-1039.	3.7	12
119	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
120	Validation of efficient high-throughput plasmid and siRNA transfection of human monocyte-derived dendritic cells without cell maturation. <i>Journal of Immunological Methods</i> , 2010, 363, 21-28.	1.4	12
121	Misty Mountain clustering: application to fast unsupervised flow cytometry gating. <i>BMC Bioinformatics</i> , 2010, 11, 502.	2.6	26
122	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
123	Novel Nipah Virus Immune-Antagonism Strategy Revealed by Experimental and Computational Study. <i>Journal of Virology</i> , 2010, 84, 10965-10973.	3.4	20
124	Antiviral Response Dictated by Choreographed Cascade of Transcription Factors. <i>Journal of Immunology</i> , 2010, 184, 2908-2917.	0.8	46
125	Plato's Cave Algorithm: Inferring Functional Signaling Networks from Early Gene Expression Shadows. <i>PLoS Computational Biology</i> , 2010, 6, e1000828.	3.2	11
126	Research Resource: Gonadotropin-Releasing Hormone Receptor-Mediated Signaling Network in L ¹ 2T2 Cells: A Pathway-Based Web-Accessible Knowledgebase. <i>Molecular Endocrinology</i> , 2010, 24, 1863-1871.	3.7	15

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127	Immune Response Modeling of Interferon \hat{I}^2 -Pretreated Influenza Virus-Infected Human Dendritic Cells. <i>Biophysical Journal</i> , 2010, 98, 505-514.	0.5	25
128	Coregulation mapping based on individual phenotypic variation in response to virus infection. <i>Immunome Research</i> , 2010, 6, 2.	0.1	4
129	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
130	Hormone Signaling Via G Protein-Coupled Receptors. , 2010, , 83-105.		1
131	Multiple testing and its applications to microarrays. <i>Statistical Methods in Medical Research</i> , 2009, 18, 543-563.	1.5	22
132	Agonist-Trafficking and Hallucinogens. <i>Current Medicinal Chemistry</i> , 2009, 16, 1017-1027.	2.4	69
133	Group II metabotropic glutamate receptors and schizophrenia. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 3777-3785.	5.4	68
134	Model of Autocrine/Paracrine Signaling in Epithelial Layer: Geometrical Regulation of Intercellular Communication. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10946-10956.	2.6	0
135	Psychedelics and schizophrenia. <i>Trends in Neurosciences</i> , 2009, 32, 225-232.	8.6	166
136	Microtranscriptome regulation by gonadotropin-releasing hormone. <i>Molecular and Cellular Endocrinology</i> , 2009, 302, 12-17.	3.2	44
137	Identification of a serotonin/glutamate receptor complex implicated in psychosis. <i>Nature</i> , 2008, 452, 93-97.	27.8	739
138	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
139	A Comprehensive Evaluation of Human Plasmacytoid Dendritic Cells Using Small Volumes of Human Blood. <i>Journal of Interferon and Cytokine Research</i> , 2008, 28, 501-508.	1.2	0
140	Antiviral-Activated Dendritic Cells: A Paracrine-Induced Response State. <i>Journal of Immunology</i> , 2008, 181, 6872-6881.	0.8	25
141	Interferon- \hat{I}^2 Pretreatment of Conventional and Plasmacytoid Human Dendritic Cells Enhances Their Activation by Influenza Virus. <i>PLoS Pathogens</i> , 2008, 4, e1000193.	4.7	67
142	Getting Started in Biological Pathway Construction and Analysis. <i>PLoS Computational Biology</i> , 2008, 4, e16.	3.2	84
143	Cell-to-cell communication: Time and length scales of ligand internalization in cultures of suspended cells. <i>Journal of Chemical Physics</i> , 2008, 128, 225102.	3.0	3
144	Receptor Pair for Schizophrenia. <i>Pediatric Research</i> , 2008, 64, 1-1.	2.3	13

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145	SOME STEP-DOWN PROCEDURES CONTROLLING THE FALSE DISCOVERY RATE UNDER DEPENDENCE. <i>Statistica Sinica</i> , 2008, 18, 881-904.	0.3	33
146	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
147	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
148	Hallucinogens Recruit Specific Cortical 5-HT2A Receptor-Mediated Signaling Pathways to Affect Behavior. <i>Neuron</i> , 2007, 53, 439-452.	8.1	692
149	Time and Length Scales of Autocrine Signals in Three Dimensions. <i>Biophysical Journal</i> , 2007, 93, 1917-1922.	0.5	26
150	Noise Propagation and Scaling in Regulation of Gonadotrope Biosynthesis. <i>Biophysical Journal</i> , 2007, 93, 4474-4480.	0.5	23
151	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
152	A Holm-type procedure controlling the false discovery rate. <i>Statistics and Probability Letters</i> , 2007, 77, 1756-1762.	0.7	3
153	BioPP: a tool for web-publication of biological networks. <i>BMC Bioinformatics</i> , 2007, 8, 168.	2.6	14
154	Cortical 5-HT2A Receptor Signaling Modulates Anxiety-Like Behaviors in Mice. <i>Science</i> , 2006, 313, 536-540.	12.6	375
155	Development of multiplex immunohistochemistry and in situ hybridization using colloidal quantum dots for semiautomated neuronal expression mapping in brain. , 2006, 6096, 227.		0
156	Influenza Virus Evades Innate and Adaptive Immunity via the NS1 Protein. <i>Journal of Virology</i> , 2006, 80, 6295-6304.	3.4	260
157	Mixed Analog/Digital Gonadotrope Biosynthetic Response to Gonadotropin-releasing Hormone. <i>Journal of Biological Chemistry</i> , 2006, 281, 30967-30978.	3.4	46
158	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
159	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
160	α -Sarcoglycan immunoreactivity and mRNA expression in mouse brain. <i>Journal of Comparative Neurology</i> , 2005, 482, 50-73.	1.6	55
161	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
162	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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163	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
164	G Protein-Coupled Receptors. <i>Science Signaling</i> , 2005, 2005, tr11-tr11.	3.6	4
165	CXC chemokine receptors on human oligodendrocytes: implications for multiple sclerosis. <i>Brain</i> , 2005, 128, 1003-1015.	7.6	175
166	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
167	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
168	Mutational analysis of the serotonin receptor 5HT2c in severe early-onset human obesity. <i>Canadian Journal of Physiology and Pharmacology</i> , 2004, 82, 426-429.	1.4	22
169	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
170	Mining Microarrays for Metabolic Meaning: Nutritional Regulation of Hypothalamic Gene Expression. <i>Neurochemical Research</i> , 2004, 29, 1093-1103.	3.3	14
171	Genomics view of gonadotrope signaling circuits. <i>Trends in Endocrinology and Metabolism</i> , 2004, 15, 331-338.	7.1	42
172	Structure of the GnRH receptor-stimulated signaling network: insights from genomics. <i>Frontiers in Neuroendocrinology</i> , 2003, 24, 181-199.	5.2	72
173	GPCR (G-Protein-Coupled Receptor) Structure. , 2003, , 188-196.		1
174	Focused microarray analysis. <i>Methods</i> , 2003, 31, 306-316.	3.8	66
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