

Kevin G Becker

List of Publications by Year in descending order

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Version: 2024-02-01

180
papers

20,919
citations

17405

63
h-index

10424

139
g-index

182
all docs

182
docs citations

182
times ranked

29968
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of Elp1 perturbs histone H2A.Z and the Notch signaling pathway. <i>Biology Open</i> , 2021, 10, .	0.6	2
2	DNA methylation signatures reveal that distinct combinations of transcription factors specify human immune cell epigenetic identity. <i>Immunity</i> , 2021, 54, 2465-2480.e5.	6.6	31
3	Altered 3D chromatin structure permits inversional recombination at the <i>IgH</i> locus. <i>Science Advances</i> , 2020, 6, eaaz8850.	4.7	13
4	Disulfiram Treatment Normalizes Body Weight in Obese Mice. <i>Cell Metabolism</i> , 2020, 32, 203-214.e4.	7.2	46
5	Topoisomerase 3 β knockout mice show transcriptional and behavioural impairments associated with neurogenesis and synaptic plasticity. <i>Nature Communications</i> , 2020, 11, 3143.	5.8	22
6	Survey of the Arc Epigenetic Landscape in Normal Cognitive Aging. <i>Molecular Neurobiology</i> , 2020, 57, 2727-2740.	1.9	9
7	Multidimensional informatic deconvolution defines gender-specific roles of hypothalamic GIT2 in aging trajectories. <i>Mechanisms of Ageing and Development</i> , 2019, 184, 111150.	2.2	9
8	Tumor-Derived Thymic Stromal Lymphopoietin Expands Bone Marrow B-cell Precursors in Circulation to Support Metastasis. <i>Cancer Research</i> , 2019, 79, 5826-5838.	0.4	21
9	Loss of miR-451a enhances SPARC production during myogenesis. <i>PLoS ONE</i> , 2019, 14, e0214301.	1.1	8
10	Sarcopenia, Aging and Prospective Interventional Strategies. <i>Current Medicinal Chemistry</i> , 2019, 25, 5588-5596.	1.2	40
11	Muscle cannabinoid 1 receptor regulates β and myostatin expression, governing physical performance and whole-body metabolism. <i>FASEB Journal</i> , 2019, 33, 5850-5863.	0.2	26
12	Frailty in middle age is associated with frailty status and race-specific changes to the transcriptome. <i>Aging</i> , 2019, 11, 5518-5534.	1.4	17
13	Autism and Socioeconomic Status—An Immune Link?. <i>American Journal of Public Health</i> , 2018, 108, e16-e16.	1.5	4
14	Absence of cannabinoid 1 receptor in beta cells protects against high-fat/high-sugar diet-induced beta cell dysfunction and inflammation in murine islets. <i>Diabetologia</i> , 2018, 61, 1470-1483.	2.9	69
15	Skeletal muscle <i>ex vivo</i> mitochondrial respiration parallels decline in <i>in vivo</i> oxidative capacity, cardiorespiratory fitness, and muscle strength: The Baltimore Longitudinal Study of Aging. <i>Aging Cell</i> , 2018, 17, e12725.	3.0	101
16	Altered Extracellular Vesicle Concentration, Cargo, and Function in Diabetes. <i>Diabetes</i> , 2018, 67, 2377-2388.	0.3	176
17	Sequential Enhancer Sequestration Dysregulates Recombination Center Formation at the <i>IgH</i> Locus. <i>Molecular Cell</i> , 2018, 70, 21-33.e6.	4.5	35
18	Elongator and codon bias regulate protein levels in mammalian peripheral neurons. <i>Nature Communications</i> , 2018, 9, 889.	5.8	58

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19	Mannose receptor modulates macrophage polarization and allergic inflammation through miR-511-3p. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 350-364.e8.	1.5	91
20	Misregulation of the IgH Locus in Thymocytes. <i>Frontiers in Immunology</i> , 2018, 9, 2426.	2.2	3
21	Topoisomerase 3 [∧] 2 interacts with RNAi machinery to promote heterochromatin formation and transcriptional silencing in <i>Drosophila</i> . <i>Nature Communications</i> , 2018, 9, 4946.	5.8	27
22	Commensal bacteria contribute to insulin resistance in aging by activating innate B1a cells. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	121
23	Transcriptional outcomes and kinetic patterning of gene expression in response to NF- κ B activation. <i>PLoS Biology</i> , 2018, 16, e2006347.	2.6	37
24	Extracellular <sc>RNA</sc> profiles with human age. <i>Aging Cell</i> , 2018, 17, e12785.	3.0	27
25	Metabolic and molecular framework for the enhancement of endurance by intermittent food deprivation. <i>FASEB Journal</i> , 2018, 32, 3844-3858.	0.2	45
26	MIR100 host gene-encoded lncRNAs regulate cell cycle by modulating the interaction between HuR and its target mRNAs. <i>Nucleic Acids Research</i> , 2018, 46, 10405-10416.	6.5	61
27	Tumor-associated APE1 variant exhibits reduced complementation efficiency but does not promote cancer cell phenotypes. <i>Environmental and Molecular Mutagenesis</i> , 2017, 58, 84-98.	0.9	13
28	Tomatidine enhances lifespan and healthspan in <i>C. elegans</i> through mitophagy induction via the SKN-1/Nrf2 pathway. <i>Scientific Reports</i> , 2017, 7, 46208.	1.6	116
29	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.	1.6	20
30	Microarray analysis of aging-associated immune system alterations in the rostral ventrolateral medulla of F344 rats. <i>Physiological Genomics</i> , 2017, 49, 400-415.	1.0	8
31	Conserved and species-specific molecular denominators in mammalian skeletal muscle aging. <i>Npj Aging and Mechanisms of Disease</i> , 2017, 3, 8.	4.5	21
32	miR-570 interacts with mitochondrial ATPase subunit g (ATP5L) encoding mRNA in stored platelets. <i>Platelets</i> , 2017, 28, 74-81.	1.1	26
33	MicroRNAs Modulate Oxidative Stress in Hypertension through PARP-1 Regulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	21
34	A double blind placebo controlled randomized trial of the effect of acute uric acid changes on inflammatory markers in humans: A pilot study. <i>PLoS ONE</i> , 2017, 12, e0181100.	1.1	18
35	Genomic deletion of GIT2 induces a premature age-related thymic dysfunction and systemic immune system disruption. <i>Aging</i> , 2017, 9, 706-740.	1.4	15
36	Cocaine promotes primary human astrocyte proliferation via JNK-dependent up-regulation of cyclin A2. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 965-976.	0.4	10

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37	Extremely Long-Range Chromatin Loops Link Topological Domains to Facilitate a Diverse Antibody Repertoire. <i>Cell Reports</i> , 2016, 14, 896-906.	2.9	75
38	Metformin-mediated increase in DICER1 regulates microRNA expression and cellular senescence. <i>Aging Cell</i> , 2016, 15, 572-581.	3.0	153
39	Effects of Sex, Strain, and Energy Intake on Hallmarks of Aging in Mice. <i>Cell Metabolism</i> , 2016, 23, 1093-1112.	7.2	360
40	RPTOR, a novel target of miR-155, elicits a fibrotic phenotype of cystic fibrosis lung epithelium by upregulating CTGF. <i>RNA Biology</i> , 2016, 13, 837-847.	1.5	21
41	Mild traumatic brain injury-induced hippocampal gene expressions: The identification of target cellular processes for drug development. <i>Journal of Neuroscience Methods</i> , 2016, 272, 4-18.	1.3	28
42	Novel RNA-binding activity of MYF5 enhances <i>Ccnd1</i> Cyclin D1 mRNA translation during myogenesis. <i>Nucleic Acids Research</i> , 2016, 44, 2393-2408.	6.5	52
43	TCR ^{Î2} repertoire of CD4+ and CD8+ T cells is distinct in richness, distribution, and CDR3 amino acid composition. <i>Journal of Leukocyte Biology</i> , 2016, 99, 505-513.	1.5	50
44	Blast traumatic brain injury-induced cognitive deficits are attenuated by preinjury or postinjury treatment with the glucagon-like peptide-1 receptor agonist, exendin-4. <i>Alzheimer's and Dementia</i> , 2016, 12, 34-48.	0.4	48
45	Cognitive Impairments Induced by Concussive Mild Traumatic Brain Injury in Mouse Are Ameliorated by Treatment with Phenserine via Multiple Non-Cholinergic and Cholinergic Mechanisms. <i>PLoS ONE</i> , 2016, 11, e0156493.	1.1	36
46	The mitochondrial uncoupler <i>DNP</i> triggers brain cell <i>mTOR</i> signaling network reprogramming and <i>CREB</i> pathway up-regulation. <i>Journal of Neurochemistry</i> , 2015, 134, 677-692.	2.1	53
47	Human Umbilical Cord Matrix Mesenchymal Stem Cells Suppress the Growth of Breast Cancer by Expression of Tumor Suppressor Genes. <i>PLoS ONE</i> , 2015, 10, e0123756.	1.1	22
48	Hippocampal Transcriptomic and Proteomic Alterations in the BTBR Mouse Model of Autism Spectrum Disorder. <i>Frontiers in Physiology</i> , 2015, 6, 324.	1.3	70
49	Divergence of transcriptional landscape occurs early in B cell activation. <i>Epigenetics and Chromatin</i> , 2015, 8, 20.	1.8	28
50	DNA polymerase β deficiency leads to neurodegeneration and exacerbates Alzheimer disease phenotypes. <i>Nucleic Acids Research</i> , 2015, 43, 943-959.	6.5	110
51	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.	1.6	18
52	Delineation of a Conserved Arrestin-Biased Signaling Repertoire In Vivo. <i>Molecular Pharmacology</i> , 2015, 87, 706-717.	1.0	40
53	Distinct inhibitory effects on mTOR signaling by ethanol and INK128 in diffuse large B-cell lymphoma. <i>Cell Communication and Signaling</i> , 2015, 13, 15.	2.7	20
54	AUF1 promotes let-7b loading on Argonaute 2. <i>Genes and Development</i> , 2015, 29, 1599-1604.	2.7	41

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55	Experience Modulates the Effects of Histone Deacetylase Inhibitors on Gene and Protein Expression in the Hippocampus: Impaired Plasticity in Aging. <i>Journal of Neuroscience</i> , 2015, 35, 11729-11742.	1.7	20
56	Platelet MicroRNAs: An Overview. <i>Transfusion Medicine Reviews</i> , 2015, 29, 215-219.	0.9	39
57	Novel RNA- and FMRP-binding protein TRF2-S regulates axonal mRNA transport and presynaptic plasticity. <i>Nature Communications</i> , 2015, 6, 8888.	5.8	34
58	GIT2 Acts as a Systems-Level Coordinator of Neurometabolic Activity and Pathophysiological Aging. <i>Frontiers in Endocrinology</i> , 2015, 6, 191.	1.5	25
59	Caloric restriction induces heat shock response and inhibits B16F10 cell tumorigenesis both in vitro and in vivo. <i>Aging</i> , 2015, 7, 233-240.	1.4	6
60	Analysis of RVLM Gene Expression in Young, Middle-Aged and Aged F344 Rats. <i>FASEB Journal</i> , 2015, 29, LB718.	0.2	0
61	Mice Fed Rapamycin Have an Increase in Lifespan Associated with Major Changes in the Liver Transcriptome. <i>PLoS ONE</i> , 2014, 9, e83988.	1.1	132
62	Down-Regulation of eIF4GII by miR-520c-3p Represses Diffuse Large B Cell Lymphoma Development. <i>PLoS Genetics</i> , 2014, 10, e1004105.	1.5	39
63	Age-Related Brain Expression and Regulation of the Chemokine CCL4/MIP-1 β in APP/PS1 Double-Transgenic Mice. <i>Journal of Neuropathology and Experimental Neurology</i> , 2014, 73, 362-374.	0.9	45
64	The SIRT1 Activator SRT1720 Extends Lifespan and Improves Health of Mice Fed a Standard Diet. <i>Cell Reports</i> , 2014, 6, 836-843.	2.9	342
65	AMPK agonist AICAR improves cognition and motor coordination in young and aged mice. <i>Learning and Memory</i> , 2014, 21, 119-126.	0.5	102
66	PAR-CLIP analysis uncovers AUF1 impact on target RNA fate and genome integrity. <i>Nature Communications</i> , 2014, 5, 5248.	5.8	156
67	MNKs act as a regulatory switch for eIF4E1 and eIF4E3 driven mRNA translation in DLBCL. <i>Nature Communications</i> , 2014, 5, 5413.	5.8	73
68	RNA-Binding Protein AUF1 Promotes Myogenesis by Regulating MEF2C Expression Levels. <i>Molecular and Cellular Biology</i> , 2014, 34, 3106-3119.	1.1	39
69	<sc>SRT</sc> 2104 extends survival of male mice on a standard diet and preserves bone and muscle mass. <i>Aging Cell</i> , 2014, 13, 787-796.	3.0	208
70	Enhanced Upregulation of CRH mRNA Expression in the Nucleus Accumbens of Male Rats after a Second Injection of Methamphetamine Given Thirty Days Later. <i>PLoS ONE</i> , 2014, 9, e84665.	1.1	35
71	Age-associated changes in basal NF- κ B function in human CD4+ T lymphocytes via dysregulation of PI3 kinase. <i>Aging</i> , 2014, 6, 957-969.	1.4	44
72	Metformin improves healthspan and lifespan in mice. <i>Nature Communications</i> , 2013, 4, 2192.	5.8	1,118

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73	Genome-wide modeling of complex phenotypes in <i>Caenorhabditis elegans</i> and <i>Drosophila melanogaster</i> . <i>BMC Genomics</i> , 2013, 14, 580.	1.2	1
74	Genome-wide profiling identifies a subset of methamphetamine (METH)-induced genes associated with METH-induced increased H4K5Ac binding in the rat striatum. <i>BMC Genomics</i> , 2013, 14, 545.	1.2	43
75	Naïve rat umbilical cord matrix stem cells significantly attenuate mammary tumor growth through modulation of endogenous immune responses. <i>Cytotherapy</i> , 2013, 15, 586-597.	0.3	18
76	CREB phosphorylation regulates striatal transcriptional responses in the self-administration model of methamphetamine addiction in the rat. <i>Neurobiology of Disease</i> , 2013, 58, 132-143.	2.1	115
77	Calorie restriction in humans inhibits the PI3K/AKT pathway and induces a younger transcription profile. <i>Aging Cell</i> , 2013, 12, 645-651.	3.0	208
78	Senescence-associated lncRNAs: senescence-associated long noncoding RNAs. <i>Aging Cell</i> , 2013, 12, 890-900.	3.0	184
79	An overview of the BioCreative 2012 Workshop Track III: interactive text mining task. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bas056-bas056.	1.4	68
80	Long-Term Artificial Sweetener Acesulfame Potassium Treatment Alters Neurometabolic Functions in C57BL/6J Mice. <i>PLoS ONE</i> , 2013, 8, e70257.	1.1	50
81	Non-Steroidal Anti-inflammatory Drugs Decrease E2F1 Expression and Inhibit Cell Growth in Ovarian Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e61836.	1.1	49
82	Age-associated alterations in inducible gene transcription in human CD4+ T lymphocytes. <i>Aging</i> , 2013, 5, 18-36.	1.4	26
83	Metabolic Context Regulates Distinct Hypothalamic Transcriptional Responses to Antiaging Interventions. <i>International Journal of Endocrinology</i> , 2012, 2012, 1-15.	0.6	14
84	Euglycemic Agent-mediated Hypothalamic Transcriptomic Manipulation in the N171K82Q Model of Huntington Disease Is Related to Their Physiological Efficacy*. <i>Journal of Biological Chemistry</i> , 2012, 287, 31766-31782.	1.6	30
85	LincRNA-p21 Suppresses Target mRNA Translation. <i>Molecular Cell</i> , 2012, 47, 648-655.	4.5	876
86	Sporadic Alzheimer disease fibroblasts display an oxidative stress phenotype. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1371-1380.	1.3	47
87	Molecular changes in brain aging and Alzheimer's disease are mirrored in experimentally silenced cortical neuron networks. <i>Neurobiology of Aging</i> , 2012, 33, 205.e1-205.e18.	1.5	33
88	IL-10 transcription is negatively regulated by BAF180, a component of the SWI/SNF chromatin remodeling enzyme. <i>BMC Immunology</i> , 2012, 13, 9.	0.9	32
89	Methamphetamine Causes Differential Alterations in Gene Expression and Patterns of Histone Acetylation/Hypoacetylation in the Rat Nucleus Accumbens. <i>PLoS ONE</i> , 2012, 7, e34236.	1.1	111
90	Male Gender Bias in Autism and Pediatric Autoimmunity. <i>Autism Research</i> , 2012, 5, 77-83.	2.1	17

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91	FACS purification of immunolabeled cell types from adult rat brain. <i>Journal of Neuroscience Methods</i> , 2012, 203, 10-18.	1.3	119
92	Toll-like receptor 2 (TLR2)–TLR9 crosstalk dictates IL-12 family cytokine production in microglia. <i>Glia</i> , 2012, 60, 29-42.	2.5	21
93	VENNTURE—A Novel Venn Diagram Investigational Tool for Multiple Pharmacological Dataset Analysis. <i>PLoS ONE</i> , 2012, 7, e36911.	1.1	71
94	Identification and Characterization of Unique Tumoricidal Genes in Rat Umbilical Cord Matrix Stem Cells. <i>Molecular Pharmaceutics</i> , 2011, 8, 1549-1558.	2.3	10
95	Co-Regulation of the DAF-16 Target Gene, <i>cyp-35B1/dod-13</i> , by HSF-1 in <i>C. elegans</i> Dauer Larvae and <i>daf-2</i> Insulin Pathway Mutants. <i>PLoS ONE</i> , 2011, 6, e17369.	1.1	21
96	Altered Gene Expression in Pulmonary Tissue of Tryptophan Hydroxylase-1 Knockout Mice: Implications for Pulmonary Arterial Hypertension. <i>PLoS ONE</i> , 2011, 6, e17735.	1.1	13
97	Claudin-7 Is Frequently Overexpressed in Ovarian Cancer and Promotes Invasion. <i>PLoS ONE</i> , 2011, 6, e22119.	1.1	66
98	CHD5, a Brain-Specific Paralog of Mi2 Chromatin Remodeling Enzymes, Regulates Expression of Neuronal Genes. <i>PLoS ONE</i> , 2011, 6, e24515.	1.1	76
99	SRT1720 improves survival and healthspan of obese mice. <i>Scientific Reports</i> , 2011, 1, 70.	1.6	249
100	Cortical gene transcription response patterns to water maze training in aged mice. <i>BMC Neuroscience</i> , 2011, 12, 63.	0.8	21
101	Gene expression and pathway analysis of ovarian cancer cells selected for resistance to cisplatin, paclitaxel, or doxorubicin. <i>Journal of Ovarian Research</i> , 2011, 4, 21.	1.3	61
102	ATM regulates a DNA damage response posttranscriptional RNA operon in lymphocytes. <i>Blood</i> , 2011, 117, 2441-2450.	0.6	36
103	Extension of Lifespan in <i>C. elegans</i> by Naphthoquinones That Act through Stress Hormesis Mechanisms. <i>PLoS ONE</i> , 2011, 6, e21922.	1.1	76
104	Dynamic BRG1 Recruitment during T Helper Differentiation and Activation Reveals Distal Regulatory Elements. <i>Molecular and Cellular Biology</i> , 2011, 31, 1512-1527.	1.1	56
105	Methamphetamine Preconditioning Causes Differential Changes in Striatal Transcriptional Responses to Large Doses of the Drug. <i>Dose-Response</i> , 2011, 9, dose-response.1.	0.7	25
106	Paradoxical microRNAs. <i>Cell Cycle</i> , 2011, 10, 751-759.	1.3	26
107	Multiple Oxygen Tension Environments Reveal Diverse Patterns of Transcriptional Regulation in Primary Astrocytes. <i>PLoS ONE</i> , 2011, 6, e21638.	1.1	24
108	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.	1.1	82

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109	Single Round of Antigen Receptor Signaling Programs Naive B Cells to Receive T Cell Help. <i>Immunity</i> , 2010, 32, 355-366.	6.6	54
110	Systematic analysis, comparison, and integration of disease based human genetic association data and mouse genetic phenotypic information. <i>BMC Medical Genomics</i> , 2010, 3, 1.	0.7	106
111	Dietary restriction mitigates cocaine-induced alterations of olfactory bulb cellular plasticity and gene expression, and behavior. <i>Journal of Neurochemistry</i> , 2010, 114, 323-334.	2.1	5
112	Minimal Peroxide Exposure of Neuronal Cells Induces Multifaceted Adaptive Responses. <i>PLoS ONE</i> , 2010, 5, e14352.	1.1	61
113	Methamphetamine-Induced Dopamine-Independent Alterations in Striatal Gene Expression in the 6-Hydroxydopamine Hemiparkinsonian Rats. <i>PLoS ONE</i> , 2010, 5, e15643.	1.1	25
114	DNA Repair and the Accumulation of Oxidatively Damaged DNA Are Affected by Fruit Intake in Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2010, 65A, 1300-1311.	1.7	9
115	Disease and phenotype gene set analysis of disease-based gene expression in mouse and human. <i>Physiological Genomics</i> , 2010, 42A, 162-167.	1.0	17
116	Hippocampal gene expression patterns underlying the enhancement of memory by running in aged mice. <i>Neurobiology of Aging</i> , 2010, 31, 1937-1949.	1.5	135
117	Time-Dependent c-Myc Transactomes Mapped by Array-Based Nuclear Run-On Reveal Transcriptional Modules in Human B Cells. <i>PLoS ONE</i> , 2010, 5, e9691.	1.1	37
118	Gonadal Transcriptome Alterations in Response to Dietary Energy Intake: Sensing the Reproductive Environment. <i>PLoS ONE</i> , 2009, 4, e4146.	1.1	33
119	Methamphetamine Preconditioning Alters Midbrain Transcriptional Responses to Methamphetamine-Induced Injury in the Rat Striatum. <i>PLoS ONE</i> , 2009, 4, e7812.	1.1	49
120	Growth Factor Signals in Neural Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 2493-2511.	1.6	44
121	Possible angiogenic roles for claudin-4 in ovarian cancer. <i>Cancer Biology and Therapy</i> , 2009, 8, 1806-1814.	1.5	32
122	Protease Activated Receptor Signaling Is Required for African Trypanosome Traversal of Human Brain Microvascular Endothelial Cells. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e479.	1.3	68
123	Genetic and environmental pathways to complex diseases. <i>BMC Systems Biology</i> , 2009, 3, 46.	3.0	65
124	Genome-wide Analysis of Histone Methylation Reveals Chromatin State-Based Regulation of Gene Transcription and Function of Memory CD8+ T Cells. <i>Immunity</i> , 2009, 30, 912-925.	6.6	256
125	Significant modulation of mitochondrial electron transport system by nicotine in various rat brain regions. <i>Mitochondrion</i> , 2009, 9, 186-195.	1.6	20
126	miR-24 Inhibits Cell Proliferation by Targeting E2F2, MYC, and Other Cell-Cycle Genes via Binding to 3'UTR MicroRNA Recognition Elements. <i>Molecular Cell</i> , 2009, 35, 610-625.	4.5	544

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127	MyD88 Expression by CNS-Resident Cells is Pivotal for Eliciting Protective Immunity in Brain Abscesses. <i>ASN Neuro</i> , 2009, 1, AN20090004.	1.5	27
128	Gene Expression Profiling Reveals Distinct Cocaine-Responsive Genes in Human Fetal CNS Cell Types. <i>Journal of Addiction Medicine</i> , 2009, 3, 218-226.	1.4	24
129	Methamphetamine Induces Dopamine D1 Receptor-Dependent Endoplasmic Reticulum Stress-Related Molecular Events in the Rat Striatum. <i>PLoS ONE</i> , 2009, 4, e6092.	1.1	76
130	A Novel Combination of Factors, Termed SPIE, which Promotes Dopaminergic Neuron Differentiation from Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2009, 4, e6606.	1.1	79
131	Effects of aging and calorie restriction on the global gene expression profiles of mouse testis and ovary. <i>BMC Biology</i> , 2008, 6, 24.	1.7	59
132	Nontelomeric TRF2-REST Interaction Modulates Neuronal Gene Silencing and Fate of Tumor and Stem Cells. <i>Current Biology</i> , 2008, 18, 1489-1494.	1.8	71
133	Resveratrol Delays Age-Related Deterioration and Mimics Transcriptional Aspects of Dietary Restriction without Extending Life Span. <i>Cell Metabolism</i> , 2008, 8, 157-168.	7.2	1,060
134	Microarray and pathway analysis reveals decreased CDC25A and increased CDC42 associated with slow growth of Bcl-2-over-expressing immortalized breast cell line. <i>Cell Cycle</i> , 2008, 7, 3062-3073.	1.3	3
135	Identification of Transformation-Related Pathways in a Breast Epithelial Cell Model Using a Ribonomics Approach. <i>Cancer Research</i> , 2008, 68, 7730-7735.	0.4	43
136	Conserved and Differential Effects of Dietary Energy Intake on the Hippocampal Transcriptomes of Females and Males. <i>PLoS ONE</i> , 2008, 3, e2398.	1.1	46
137	MicroRNA Expression and Identification of Putative miRNA Targets in Ovarian Cancer. <i>PLoS ONE</i> , 2008, 3, e2436.	1.1	303
138	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.	1.1	110
139	A Mechanism for the Inhibition of Neural Progenitor Cell Proliferation by Cocaine. <i>PLoS Medicine</i> , 2008, 5, e117.	3.9	58
140	Molecular analysis of bovine spongiform encephalopathy infection by cDNA arrays. <i>Journal of General Virology</i> , 2007, 88, 1356-1362.	1.3	20
141	AGEMAP: A Gene Expression Database for Aging in Mice. <i>PLoS Genetics</i> , 2007, 3, e201.	1.5	355
142	Sex-Dependent Metabolic, Neuroendocrine, and Cognitive Responses to Dietary Energy Restriction and Excess. <i>Endocrinology</i> , 2007, 148, 4318-4333.	1.4	167
143	A rapid method for microarray cross platform comparisons using gene expression signatures. <i>Molecular and Cellular Probes</i> , 2007, 21, 35-46.	0.9	24
144	Autism, asthma, inflammation, and the hygiene hypothesis. <i>Medical Hypotheses</i> , 2007, 69, 731-740.	0.8	81

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145	Gene expression atlas of the mouse central nervous system: impact and interactions of age, energy intake and gender. <i>Genome Biology</i> , 2007, 8, R234.	13.9	103
146	Differential gene expression patterns in cyclooxygenase-1 and cyclooxygenase-2 deficient mouse brain. <i>Genome Biology</i> , 2007, 8, R14.	13.9	30
147	Role of heparin binding growth factors in nigrostriatal dopamine system development and Parkinson's disease. <i>Brain Research</i> , 2007, 1147, 77-88.	1.1	71
148	Transcriptome analysis of age-, gender- and diet-associated changes in murine thymus. <i>Cellular Immunology</i> , 2007, 245, 42-61.	1.4	29
149	Neonatal dopamine depletion induces changes in morphogenesis and gene expression in the developing cortex. <i>Neurotoxicity Research</i> , 2007, 11, 107-130.	1.3	26
150	Microarray screening of suppression subtractive hybridization-PCR cDNA libraries identifies novel RNAs regulated by dehydration in the rat supraoptic nucleus. <i>Physiological Genomics</i> , 2006, 24, 163-172.	1.0	20
151	Histone acetylation is associated with differential gene expression in the rapid and robust memory CD8+ T-cell response. <i>Blood</i> , 2006, 108, 3363-3370.	0.6	60
152	Resveratrol improves health and survival of mice on a high-calorie diet. <i>Nature</i> , 2006, 444, 337-342.	13.7	3,882
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