

# Willard M Freeman

## List of Publications by Year in descending order

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131  
papers

7,758  
citations

71102

41  
h-index

60623

81  
g-index

143  
all docs

143  
docs citations

143  
times ranked

10528  
citing authors

#	ARTICLE	IF	CITATIONS
1	Repeated cocaine or methamphetamine treatment alters astrocytic CRF2 and GLAST expression in the ventral midbrain. <i>Addiction Biology</i> , 2022, 27, e13120.	2.6	5
2	Minimizing the <i>Ex Vivo</i> Confounds of Cell-Isolation Techniques on Transcriptomic and Translatomic Profiles of Purified Microglia. <i>ENeuro</i> , 2022, 9, ENEURO.0348-21.2022.	1.9	27
3	Scavenging mitochondrial hydrogen peroxide by peroxiredoxin 3 overexpression attenuates contractile dysfunction and muscle atrophy in a murine model of accelerated sarcopenia. <i>Aging Cell</i> , 2022, 21, e13569.	6.7	22
4	Differential Regulation of Mouse Hippocampal Gene Expression Sex Differences by Chromosomal Content and Gonadal Sex. <i>Molecular Neurobiology</i> , 2022, 59, 4669-4702.	4.0	11
5	Heart and neural crest derivative 2â€induced preservation of sympathetic neurons attenuates sarcopenia with aging. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 91-108.	7.3	12
6	Cellular hallmarks of aging emerge in the ovary prior to primordial follicle depletion. <i>Mechanisms of Ageing and Development</i> , 2021, 194, 111425.	4.6	30
7	Cigarette Smoke Activates NOTCH3 to Promote Goblet Cell Differentiation in Human Airway Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 426-440.	2.9	31
8	Heterochronic Plasma Transfer Alters Proteostatic Maintenance in Skeletal Muscle. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
9	Litter expansion alters metabolic homeostasis in a sex specific manner. <i>PLoS ONE</i> , 2021, 16, e0237199.	2.5	6
10	Longâ€term, induced expression of Hand2 in peripheral sympathetic neurons ameliorates sarcopenia in geriatric mice. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1908-1924.	7.3	11
11	Oklahoma Nathan Shock Aging Center â€ assessing the basic biology of aging from genetics to protein and function. <i>GeroScience</i> , 2021, 43, 2183-2203.	4.6	2
12	Many chronological aging clocks can be found throughout the epigenome: Implications for quantifying biological aging. <i>Aging Cell</i> , 2021, 20, e13492.	6.7	35
13	Short-term Calorie Restriction and 17Î±-Estradiol Administration Elicit Divergent Effects on Proteostatic Processes and Protein Content in Metabolically Active Tissues. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 849-857.	3.6	28
14	Inducible cell-specific mouse models for paired epigenetic and transcriptomic studies of microglia and astroglia. <i>Communications Biology</i> , 2020, 3, 693.	4.4	27
15	Female mice are resilient to age-related decline of substantia nigra dopamine neuron firing parameters. <i>Neurobiology of Aging</i> , 2020, 95, 195-204.	3.1	15
16	Targeting cPLA2 derived lipid hydroperoxides as a potential intervention for sarcopenia. <i>Scientific Reports</i> , 2020, 10, 13968.	3.3	24
17	Molecular changes in transcription and metabolic pathways underlying muscle atrophy in the CuZnSOD null mouse model of sarcopenia. <i>GeroScience</i> , 2020, 42, 1101-1118.	4.6	22
18	Exercising your mind. <i>Science</i> , 2020, 369, 144-145.	12.6	3

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19	Health benefits attributed to 17 $\beta$ -estradiol, a lifespan-extending compound, are mediated through estrogen receptor $\beta$ . <i>ELife</i> , 2020, 9, .	6.0	30
20	Obesity in Aging Exacerbates Neuroinflammation, Dysregulating Synaptic Function-Related Genes and Altering Eicosanoid Synthesis in the Mouse Hippocampus: Potential Role in Impaired Synaptic Plasticity and Cognitive Decline. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 290-298.	3.6	72
21	Early-life DNA methylation profiles are indicative of age-related transcriptome changes. <i>Epigenetics and Chromatin</i> , 2019, 12, 58.	3.9	22
22	Tamoxifen induction of Cre recombinase does not cause long-lasting or sexually divergent responses in the CNS epigenome or transcriptome: implications for the design of aging studies. <i>GeroScience</i> , 2019, 41, 691-708.	4.6	20
23	Mitochondrial oxidative stress impairs contractile function but paradoxically increases muscle mass via fibre branching. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 411-428.	7.3	50
24	Canonical Wnt Signaling Promotes Neovascularization Through Determination of Endothelial Progenitor Cell Fate via Metabolic Profile Regulation. <i>Stem Cells</i> , 2019, 37, 1331-1343.	3.2	22
25	Weight Loss Results in Increased Expression of Anti-inflammatory Protein CRISPLD2 in Mouse Adipose Tissue. <i>Obesity</i> , 2019, 27, 2025-2036.	3.0	7
26	The role of DNA methylation in epigenetics of aging. , 2019, 195, 172-185.		216
27	Caloric restriction mitigates age-associated hippocampal differential CG and non-CG methylation. <i>Neurobiology of Aging</i> , 2018, 67, 53-66.	3.1	45
28	Insulin-like growth factor receptor signaling regulates working memory, mitochondrial metabolism, and amyloid- $\beta$ uptake in astrocytes. <i>Molecular Metabolism</i> , 2018, 9, 141-155.	6.5	119
29	Expression of the purine biosynthetic enzyme phosphoribosyl formylglycinamide synthase in neurons. <i>Journal of Neurochemistry</i> , 2018, 144, 723-735.	3.9	9
30	Revisiting the genomic hypomethylation hypothesis of aging. <i>Annals of the New York Academy of Sciences</i> , 2018, 1418, 69-79.	3.8	72
31	Analysis of DNA modifications in aging research. <i>GeroScience</i> , 2018, 40, 11-29.	4.6	39
32	17 $\beta$ -estradiol acts through hypothalamic pro-opiomelanocortin expressing neurons to reduce feeding behavior. <i>Aging Cell</i> , 2018, 17, e12703.	6.7	33
33	A potential common role of the Jumonji C domain-containing 1A histone demethylase and chromatin remodeler ATRX in promoting colon cancer. <i>Oncology Letters</i> , 2018, 16, 6652-6662.	1.8	16
34	Exposure to environmental enrichment attenuates addiction-like behavior and alters molecular effects of heroin self-administration in rats. <i>Neuropharmacology</i> , 2018, 139, 26-40.	4.1	34
35	Age-related focal loss of contractile vascular smooth muscle cells in retinal arterioles is accelerated by caveolin-1 deficiency. <i>Neurobiology of Aging</i> , 2018, 71, 1-12.	3.1	16
36	CNS-wide Sexually Dimorphic Induction of the Major Histocompatibility Complex 1 Pathway With Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017, 72, 16-29.	3.6	52

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37	Role of DNA methylation in the dietary restriction mediated cellular memory. <i>GeroScience</i> , 2017, 39, 331-345.	4.6	23
38	Sexually divergent <scp>DNA</scp> methylation patterns with hippocampal aging. <i>Aging Cell</i> , 2017, 16, 1342-1352.	6.7	67
39	Functional changes in the neural retina occur in the absence of mitochondrial dysfunction in a rodent model of diabetic retinopathy. <i>Journal of Neurochemistry</i> , 2017, 143, 595-608.	3.9	24
40	Isolation of Neuronal Synaptic Membranes by Sucrose Gradient Centrifugation. <i>Methods in Molecular Biology</i> , 2017, 1609, 33-41.	0.9	4
41	Sexually divergent induction of microglial-associated neuroinflammation with hippocampal aging. <i>Journal of Neuroinflammation</i> , 2017, 14, 141.	7.2	142
42	Retinal gene expression responses to aging are sexually divergent. <i>Molecular Vision</i> , 2017, 23, 707-717.	1.1	22
43	Bisulfite oligonucleotide-capture sequencing for targeted base- and strand-specific absolute 5-methylcytosine quantitation. <i>Age</i> , 2016, 38, 49.	3.0	14
44	Loss of the antioxidant enzyme CuZnSOD (Sod1) mimics an age-related increase in absolute mitochondrial DNA copy number in the skeletal muscle. <i>Age</i> , 2016, 38, 323-333.	3.0	24
45	Absence of genomic hypomethylation or regulation of cytosine-modifying enzymes with aging in male and female mice. <i>Epigenetics and Chromatin</i> , 2016, 9, 30.	3.9	45
46	Assessment of individual differences in the rat nucleus accumbens transcriptome following taste-heroin extended access. <i>Brain Research Bulletin</i> , 2016, 123, 71-80.	3.0	30
47	Reward devaluation and heroin escalation is associated with differential expression of CRF signaling genes. <i>Brain Research Bulletin</i> , 2016, 123, 81-93.	3.0	15
48	Recent Developments in Understanding Brain Aging: Implications for Alzheimer's Disease and Vascular Cognitive Impairment. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 13-20.	3.6	42
49	Detrimental effects of duplicate reads and low complexity regions on RNA- and ChIP-seq data. <i>BMC Bioinformatics</i> , 2015, 16, S10.	2.6	19
50	Targeted DNA Methylation Analysis by Next-generation Sequencing. <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	72
51	Insulin treatment normalizes retinal neuroinflammation but not markers of synapse loss in diabetic rats. <i>Experimental Eye Research</i> , 2014, 125, 95-106.	2.6	14
52	Hippocampal Subregions Exhibit Both Distinct and Shared Transcriptomic Responses to Aging and Nonneurodegenerative Cognitive Decline. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 1311-1324.	3.6	43
53	Effect of cold perfusion and perfluorocarbons on liver graft ischemia in a donation after cardiac death model. <i>Journal of Surgical Research</i> , 2014, 188, 517-526.	1.6	10
54	Integrative transcriptomic and proteomic analysis of osteocytic cells exposed to fluid flow reveals novel mechano-sensitive signaling pathways. <i>Journal of Biomechanics</i> , 2014, 47, 1838-1845.	2.1	29

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55	Nanoliposomal minocycline for ocular drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2013, 9, 130-140.	3.3	49
56	Expression of NgR1-Antagonizing Proteins Decreases with Aging and Cognitive Decline in Rat Hippocampus. <i>Cellular and Molecular Neurobiology</i> , 2013, 33, 483-488.	3.3	18
57	Increased hippocampal NgR1 signaling machinery in aged rats with deficits of spatial cognition. <i>European Journal of Neuroscience</i> , 2013, 37, 1643-1658.	2.6	23
58	Focused, high accuracy 5-methylcytosine quantitation with base resolution by benchtop next-generation sequencing. <i>Epigenetics and Chromatin</i> , 2013, 6, 33.	3.9	127
59	Insulin-like growth factor-1 in CNS and cerebrovascular aging. <i>Frontiers in Aging Neuroscience</i> , 2013, 5, 27.	3.4	98
60	Protein biomarkers of alcohol abuse. <i>Expert Review of Proteomics</i> , 2012, 9, 425-436.	3.0	30
61	Quantification of Hepatic UDP Glucuronosyltransferase 1A Splice Variant Expression and Correlation of UDP Glucuronosyltransferase 1A1 Variant Expression with Glucuronidation Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 342, 720-729.	2.5	22
62	Neuroglial Expression of the MHC1 Pathway and PirB Receptor Is Upregulated in the Hippocampus with Advanced Aging. <i>Journal of Molecular Neuroscience</i> , 2012, 48, 111-126.	2.3	53
63	Differential Gene Expression in Tamoxifen-Resistant Breast Cancer Cells Revealed by a New Analytical Model of RNA-Seq Data. <i>PLoS ONE</i> , 2012, 7, e41333.	2.5	53
64	Hippocampal expression of myelin-associated inhibitors is induced with age-related cognitive decline and correlates with deficits of spatial learning and memory. <i>Journal of Neurochemistry</i> , 2012, 121, 77-98.	3.9	45
65	The Kinetics of Cardiopulmonary Bypass: A Dual-Platform Proteomics Study of Plasma Biomarkers in Pediatric Patients Undergoing Cardiopulmonary Bypass. <i>Artificial Organs</i> , 2012, 36, E1-20.	1.9	14
66	A Longitudinal Analysis of Circulating Stress-Related Proteins and Chronic Ethanol Self-Administration in Cynomolgus Macaques. <i>Alcoholism: Clinical and Experimental Research</i> , 2012, 36, 995-1003.	2.4	29
67	Multi-Modal Proteomic Analysis of Retinal Protein Expression Alterations in a Rat Model of Diabetic Retinopathy. <i>PLoS ONE</i> , 2011, 6, e16271.	2.5	44
68	TPH2 in the ventral tegmental area of the male rat brain. <i>Brain Research Bulletin</i> , 2011, 84, 376-380.	3.0	32
69	The Hippocampal Neuroproteome with Aging and Cognitive Decline: Past Progress and Future Directions. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 8.	3.4	57
70	Plasma proteomic alterations in non-human primates and humans after chronic alcohol self-administration. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 899-911.	2.1	14
71	Individual Differences in Hyperlipidemia and Vitamin E Status in Response to Chronic Alcohol Self-Administration in Cynomolgus Monkeys. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, 474-483.	2.4	12
72	Concurrent hippocampal induction of MHC II pathway components and glial activation with advanced aging is not correlated with cognitive impairment. <i>Journal of Neuroinflammation</i> , 2011, 8, 138.	7.2	111

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73	Chronic insulin treatment of diabetes does not fully normalize alterations in the retinal transcriptome. <i>BMC Medical Genomics</i> , 2011, 4, 40.	1.5	23
74	Hippocampal dysregulation of synaptic plasticity-associated proteins with age-related cognitive decline. <i>Neurobiology of Disease</i> , 2011, 43, 201-212.	4.4	120
75	Circulating IGF1 regulates hippocampal IGF1 levels and brain gene expression during adolescence. <i>Journal of Endocrinology</i> , 2011, 211, 27-37.	2.6	55
76	Proteomic Analysis of Changes Mediating Tolerance to Dopamine D1 Agonists: Implications for Parkinson's Disease (PD). <i>FASEB Journal</i> , 2011, 25, 1005.1.	0.5	0
77	Age-related alterations in retinal neurovascular and inflammatory transcripts. <i>Molecular Vision</i> , 2011, 17, 1261-74.	1.1	28
78	Circulating Cytokines as Biomarkers of Alcohol Abuse and Alcoholism. <i>Journal of Neuroimmune Pharmacology</i> , 2010, 5, 83-91.	4.1	161
79	Gene expression changes in the medial prefrontal cortex and nucleus accumbens following abstinence from cocaine self-administration. <i>BMC Neuroscience</i> , 2010, 11, 29.	1.9	52
80	Differences in the BAL proteome after <i>Klebsiella pneumoniae</i> infection in wild type and SP-A <sup>-/-</sup> mice. <i>Proteome Science</i> , 2010, 8, 34.	1.7	25
81	Future Prospects for Biomarkers of Alcohol Consumption and Alcohol-Induced Disorders. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 946-954.	2.4	31
82	Aging alters the expression of neurotransmission-regulating proteins in the hippocampal synaptoproteome. <i>Journal of Neurochemistry</i> , 2010, 113, 1577-1588.	3.9	109
83	Effects of Ischemic Preconditioning and Bevacizumab on Apoptosis and Vascular Permeability Following Retinal Ischemia-Reperfusion Injury. , 2010, 51, 5920.		70
84	Dual-Platform Proteomics Study of Plasma Biomarkers in Pediatric Patients Undergoing Cardiopulmonary Bypass. <i>Pediatric Research</i> , 2010, 67, 641-649.	2.3	22
85	Classification of Alcohol Abuse by Plasma Protein Biomarkers. <i>Biological Psychiatry</i> , 2010, 68, 219-222.	1.3	22
86	FOXO3a elicits a pro-apoptotic transcription program and cellular response to human lung carcinogen nicotine-derived nitrosaminoketone (NNK). <i>Lung Cancer</i> , 2010, 67, 37-47.	2.0	25
87	Clinical application for the preservation of phospho-proteins through in-situ tissue stabilization. <i>Proteome Science</i> , 2010, 8, 61.	1.7	35
88	The use of neuroproteomics in drug abuse research. <i>Drug and Alcohol Dependence</i> , 2010, 107, 11-22.	3.2	17
89	Human Embryonic and Mesenchymal Stem Cells Express Different Nuclear Proteomes. <i>Stem Cells and Development</i> , 2009, 18, 793-802.	2.1	17
90	The Retinal Proteome in Experimental Diabetic Retinopathy. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 767-779.	3.8	79

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91	Age-related changes in the expression and oxidation of bronchoalveolar lavage proteins in the rat. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L14-L29.	2.9	40
92	Gene expression changes following extinction testing in a heroin behavioral incubation model. <i>BMC Neuroscience</i> , 2009, 10, 95.	1.9	45
93	Gene expression profiles in HPV-immortalized human cervical cells treated with the nicotine-derived carcinogen 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. <i>Chemico-Biological Interactions</i> , 2009, 177, 173-180.	4.0	16
94	Transcriptomic comparison of the retina in two mouse models of diabetes. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2009, 2, 202-213.	0.2	35
95	Persistent proteomic alterations in the medial prefrontal cortex with abstinence from cocaine self-administration. <i>Proteomics - Clinical Applications</i> , 2009, 3, 462-472.	1.6	21
96	2D DIGE identification of differentially expressed heterogeneous nuclear ribonucleoproteins and transcription factors during neural differentiation of human embryonic stem cells. <i>Proteomics - Clinical Applications</i> , 2009, 3, 505-514.	1.6	9
97	Penn State Hershey's Center for Pediatric Cardiovascular Research. <i>Artificial Organs</i> , 2009, 33, 883-887.	1.9	4
98	The impact of surfactant protein-A on ozone-induced changes in the mouse bronchoalveolar lavage proteome. <i>Proteome Science</i> , 2009, 7, 12.	1.7	32
99	Pediatric cardiopulmonary bypass circuits: a review of studies conducted at the Penn State Pediatric Cardiac Research Laboratories. <i>Journal of Extra-Corporeal Technology</i> , 2009, 41, P50-8.	0.4	3
100	Whole genome assessment of the retinal response to diabetes reveals a progressive neurovascular inflammatory response. <i>BMC Medical Genomics</i> , 2008, 1, 26.	1.5	98
101	Correlating Human and Animal Studies of Cocaine Abuse and Gene Expression. <i>Annals of the New York Academy of Sciences</i> , 2008, 1141, 58-75.	3.8	27
102	Diabetes downregulates presynaptic proteins and reduces basal synapsin I phosphorylation in rat retina. <i>European Journal of Neuroscience</i> , 2008, 28, 1-11.	2.6	87
103	Heroin self-administration: II. CNS gene expression following withdrawal and cue-induced drug-seeking behavior. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 349-356.	2.9	48
104	Plasma Biomarkers in Pediatric Patients Undergoing Cardiopulmonary Bypass. <i>Pediatric Research</i> , 2008, 63, 638-644.	2.3	28
105	Persistent Alterations in Mesolimbic Gene Expression with Abstinence from Cocaine Self-Administration. <i>Neuropsychopharmacology</i> , 2008, 33, 1807-1817.	5.4	110
106	CNS Genes Implicated in Relapse. <i>Substance Abuse: Research and Treatment</i> , 2008, 2, SART.S1042.	0.9	1
107	Twenty-five years of quantitative PCR for gene expression analysis. <i>BioTechniques</i> , 2008, 44, 619-626.	1.8	961
108	Quantitative Proteomic Profiles of BALF in Wild Type and SP-1 KO Mice after Exposure to Ozone. <i>FASEB Journal</i> , 2007, 21, A9.	0.5	1

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109	A Comparative Proteomic Analysis of Bronchoalveolar Lavage Fluid in Rats with Aging using 2-DE and MALDI-TOF/ToF. FASEB Journal, 2007, 21, A1401.	0.5	2
110	Depletion of abundant proteins from non-human primate serum for biomarker studies. Proteomics, 2006, 6, 3109-3113.	2.2	19
111	APO-AII IS AN ELEVATED BIOMARKER OF CHRONIC NON-HUMAN PRIMATE ETHANOL SELF-ADMINISTRATION. Alcohol and Alcoholism, 2006, 41, 300-305.	1.6	17
112	Diabetic Retinopathy. Diabetes, 2006, 55, 2401-2411.	0.6	673
113	Plasma proteomics: a noninvasive window on pathology and pediatric cardiac surgery. ASAIO Journal, 2006, 52, 562-6.	1.6	15
114	Transcriptome analysis of frontal cortex in alcohol-preferring and nonpreferring rats. Journal of Neuroscience Research, 2005, 80, 529-538.	2.9	46
115	Functional Genomic Analysis in Pain Research Using Hybridization Arrays. , 2004, 99, 239-253.		3
116	Alterations in ionotropic glutamate receptor subunits during binge cocaine self-administration and withdrawal in rats. Journal of Neurochemistry, 2004, 89, 1021-1033.	3.9	77
117	Proteomics for Protein Expression Profiling in Neuroscience. Neurochemical Research, 2004, 29, 1065-1081.	3.3	103
118	Manganese-Induced Cytotoxicity in Dopamine-Producing Cells. NeuroToxicology, 2004, 25, 543-553.	3.0	83
119	Systematic Screening of Gene Expression Using a cDNA Macroarray. , 2003, 79, 243-260.		0
120	Use of Microarray Technologies in Toxicology Research. NeuroToxicology, 2003, 24, 321-332.	3.0	47
121	Changes in rat frontal cortex gene expression following chronic cocaine. Molecular Brain Research, 2002, 104, 11-20.	2.3	52
122	Induction of GADD45 and GADD153 in Neuroblastoma Cells by Dopamine-Induced Toxicity. NeuroToxicology, 2002, 23, 675-684.	3.0	43
123	An Interactive Database of Cocaine-Responsive Gene Expression. Scientific World Journal, The, 2002, 2, 701-706.	2.1	9
124	Repeated cocaine self-administration causes multiple changes in rat frontal cortex gene expression. Neurochemical Research, 2002, 27, 1181-1192.	3.3	32
125	Chronic cocaine-mediated changes in non-human primate nucleus accumbens gene expression. Journal of Neurochemistry, 2001, 77, 542-549.	3.9	115
126	Chronic cocaine-mediated changes in non-human primate nucleus accumbens gene expression. Journal of Neurochemistry, 2001, 77, 1423-1423.	3.9	2



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127	Fundamentals of DNA Hybridization Arrays for Gene Expression Analysis. <i>BioTechniques</i> , 2000, 29, 1042-1055.	1.8	161
128	A cocaine analog, 2 <sup>12</sup> -propanoyl-3 <sup>12</sup> -(4-tolyl)-tropane (PTT), reduces tyrosine hydroxylase in the mesolimbic dopamine pathway. <i>Drug and Alcohol Dependence</i> , 2000, 61, 15-21.	3.2	3
129	Quantitative RT-PCR: Pitfalls and Potential. <i>BioTechniques</i> , 1999, 26, 112-125.	1.8	924
130	PCR-based apolipoprotein E genotype analysis from archival fixed brain. <i>Journal of Neuroscience Methods</i> , 1998, 80, 209-214.	2.5	13
131	Tyrosine mRNA is expressed in human substantia nigra. <i>Molecular Brain Research</i> , 1997, 45, 159-162.	2.3	194