Doulaye DembÃ©lÃ©

List of Publications by Year
in descending order

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58	3,968	172457	144013
papers	citations	29 h-index	57 g-index

62	62	62	7412
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel insights into the relationships between dendritic cell subsets in human and mouse revealed by genome-wide expression profiling. Genome Biology, 2008, 9, R17.	9.6	472
2	Fuzzy C-means method for clustering microarray data. Bioinformatics, 2003, 19, 973-980.	4.1	470
3	Misregulated alternative splicing of BIN1 is associated with T tubule alterations and muscle weakness in myotonic dystrophy. Nature Medicine, 2011, 17, 720-725.	30.7	299
4	SOX2 Is an Oncogene Activated by Recurrent 3q26.3 Amplifications in Human Lung Squamous Cell Carcinomas. PLoS ONE, 2010, 5, e8960.	2.5	277
5	Misregulation of miR-1 processing is associated with heart defects in myotonic dystrophy. Nature Structural and Molecular Biology, 2011, 18, 840-845.	8.2	248
6	Identification of genes associated with tumorigenesis and metastatic potential of hypopharyngeal cancer by microarray analysis. Oncogene, 2004, 23, 2484-2498.	5.9	242
7	Systematic Gene Expression Mapping Clusters Nuclear Receptors According to Their Function in the Brain. Cell, 2007, 131, 405-418.	28.9	145
8	Fold change rank ordering statistics: a new method for detecting differentially expressed genes. BMC Bioinformatics, 2014, 15, 14.	2.6	131
9	T Cell Zone Resident Macrophages Silently Dispose of Apoptotic Cells in the Lymph Node. Immunity, 2017, 47, 349-362.e5.	14.3	107
10	Head and neck squamous cell carcinoma transcriptome analysis by comprehensive validated differential display. Oncogene, 2006, 25, 1821-1831.	5.9	99
11	Co-translational assembly of mammalian nuclear multisubunit complexes. Nature Communications, 2019, 10, 1740.	12.8	90
12	Hemidesmosome integrity protects the colon against colitis and colorectal cancer. Gut, 2017, 66, 1748-1760.	12.1	84
13	Fragile X Mental Retardation Protein (FMRP) controls diacylglycerol kinase activity in neurons. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3619-28.	7.1	79
14	Muâ€•opioid receptor activation induces transcriptional plasticity in the central extended amygdala. European Journal of Neuroscience, 2008, 27, 2973-2984.	2.6	74
15	Tripartite Motif 24 (Trim24/Tif1Î±) Tumor Suppressor Protein Is a Novel Negative Regulator of Interferon (IFN)/Signal Transducers and Activators of Transcription (STAT) Signaling Pathway Acting through Retinoic Acid Receptor Î± (RarÎ±) Inhibition. Journal of Biological Chemistry, 2011, 286, 33369-33379.	3.4	63
16	The Tumor Suppressor Ikaros Shapes the Repertoire of Notch Target Genes in T Cells. Science Signaling, 2014, 7, ra28.	3.6	63
17	B Cell Signature during Inactive Systemic Lupus Is Heterogeneous: Toward a Biological Dissection of Lupus. PLoS ONE, 2011, 6, e23900.	2.5	54
18	Apoptosis and differentiation commitment: novel insights revealed by gene profiling studies in mouse embryonic stem cells. Cell Death and Differentiation, 2006, 13, 564-575.	11.2	52

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19	Genomeâ€wide analysis of POU3F2/BRN2 promoter occupancy in human melanoma cells reveals Kitl as a novel regulated target gene. Pigment Cell and Melanoma Research, 2010, 23, 404-418.	3.3	48
20	Protracted abstinence from distinct drugs of abuse shows regulation of a common gene network. Addiction Biology, 2012, 17, 1-12.	2.6	48
21	Transcriptome analysis identifies genes with enriched expression in the mouse central extended amygdala. Neuroscience, 2008, 156, 950-965.	2.3	47
22	Î²-Catenin activation synergizes with Pten loss and Myc overexpression in Notch-independent T-ALL. Blood, 2013, 122, 694-704.	1.4	47
23	Molars and incisors: show your microarray IDs. BMC Research Notes, 2013, 6, 113.	1.4	43
24	Mof-associated complexes have overlapping and unique roles in regulating pluripotency in embryonic stem cells and during differentiation. ELife, 2014, 3, .	6.0	43
25	TAF15 is important for cellular proliferation and regulates the expression of a subset of cell cycle genes through miRNAs. Oncogene, 2013, 32, 4646-4655.	5.9	42
26	Opposite Phenotypes of Muscle Strength and Locomotor Function in Mouse Models of Partial Trisomy and Monosomy 21 for the Proximal Hspa13-App Region. PLoS Genetics, 2015, 11, e1005062.	3.5	39
27	Interleukinâ€32 Contributes to Human Nonalcoholic Fatty Liver Disease and Insulin Resistance. Hepatology Communications, 2019, 3, 1205-1220.	4.3	38
28	Genome-wide Analysis of RARÎ² Transcriptional Targets in Mouse Striatum Links Retinoic Acid Signaling with Huntingtonâ€™s Disease and Other Neurodegenerative Disorders. Molecular Neurobiology, 2017, 54, 3859-3878.	4.0	34
29	Bcl2, a transcriptional target of p38Î±, is critical for neuronal commitment of mouse embryonic stem cells. Cell Death and Differentiation, 2008, 15, 1450-1459.	11.2	32
30	Circulating Human Eosinophils Share a Similar Transcriptional Profile in Asthma and Other Hypereosinophilic Disorders. PLoS ONE, 2015, 10, e0141740.	2.5	30
31	A Flexible Microarray Data Simulation Model. Microarrays (Basel, Switzerland), 2013, 2, 115-130.	1.4	28
32	Gene expression profile and response to trastuzumabâ€“docetaxel-based treatment in breast carcinoma. British Journal of Cancer, 2009, 101, 1357-1364.	6.4	27
33	Transcriptomic Analysis of Murine Embryos Lacking Endogenous Retinoic Acid Signaling. PLoS ONE, 2013, 8, e62274.	2.5	27
34	Density of points clustering, application to transcriptomic data analysis. Nucleic Acids Research, 2002, 30, 3992-4000.	14.5	26
35	Gene Expression Is Altered in the Lateral Hypothalamus upon Activation of the mu Opioid Receptor. Annals of the New York Academy of Sciences, 2008, 1129, 175-184.	3.8	26
36	The App-Runx1 Region Is Critical for Birth Defects and Electrocardiographic Dysfunctions Observed in a Down Syndrome Mouse Model. PLoS Genetics, 2012, 8, e1002724.	3.5	25

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37	Quality Indicators Increase the Reliability of Microarray Data. Genomics, 2002, 80, 385-394.	2.9	23
38	Transcriptome profile reveals AMPA receptor dysfunction in the hippocampus of the Rsk2-knockout mice, an animal model of Coffinâ€“Lowry syndrome. Human Genetics, 2011, 129, 255-269.	3.8	23
39	Subclinical endometritis in dairy cattle is associated with distinct mRNA expression patterns in blood and endometrium. PLoS ONE, 2019, 14, e0220244.	2.5	21
40	A single acute pharmacological dose of Î³-hydroxybutyrate modifies multiple gene expression patterns in rat hippocampus and frontal cortex. Physiological Genomics, 2010, 41, 146-160.	2.3	19
41	Retinoic acid induces TGFÎ²-dependent autocrine fibroblast growth. Oncogene, 2008, 27, 477-489.	5.9	18
42	Reduced DICER1 Expression Bestows Rheumatoid Arthritis Synoviocytes Proinflammatory Properties and Resistance to Apoptotic Stimuli. Arthritis and Rheumatology, 2016, 68, 1839-1848.	5.6	18
43	An adult tissue-specific stem cell molecular phenotype is activated in epithelial cancer stem cells and correlated to patient outcome. Cell Cycle, 2010, 9, 321-327.	2.6	17
44	Short- and long-term gene expression profiles induced by inhaled TiO2 nanostructured aerosol in rat lung. Toxicology and Applied Pharmacology, 2018, 356, 54-64.	2.8	16
45	Cyclin K and cyclin D1b are oncogenic in myeloma cells. Molecular Cancer, 2010, 9, 103.	19.2	15
46	Responses to climatic and pathogen threats differ in biodynamic and conventional vines. Scientific Reports, 2018, 8, 16857.	3.3	15
47	Recursive estimation of fourth-order cumulants with application to identification. Signal Processing, 1998, 68, 127-139.	3.7	14
48	Inhibition of histone deacetylases in rats selfâ€administering cocaine regulates lissencephaly geneâ€1 and reelin gene expression, as revealed by microarray technique. Journal of Neurochemistry, 2010, 113, 236-247.	3.9	12
49	Deletion of the App-Runx1 region in mice models human partial monosomy 21. DMM Disease Models and Mechanisms, 2015, 8, 623-634.	2.4	12
50	Early adaptive response of the retina to a pro-diabetogenic diet: Impairment of cone response and gene expression changes in high-fructose fed rats. Experimental Eye Research, 2015, 135, 37-46.	2.6	11
51	AAVâ€delivered diacylglycerol kinase DGKk achieves longâ€term rescue of fragile X syndrome mouse model. EMBO Molecular Medicine, 2022, 14, e14649.	6.9	11
52	Multi-objective optimization for clustering 3-way gene expression data. Advances in Data Analysis and Classification, 2008, 2, 211-225.	1.4	5
53	A new FIR system identification method based on fourth-order cumulants: Application to blind equalization. Journal of the Franklin Institute, 1997, 334, 117-133.	3.4	4
54	Comments on: fold change rank ordering statistics: a new method for detecting differentially expressed genes. BMC Bioinformatics, 2016, 17, 462.	2.6	3

#	Article	IF	Citations
55	Analysis of high-throughput biological data using their rank values. Statistical Methods in Medical Research, 2019, 28, 2276-2291.	1.5	3
56	A method for computing the Perron root for primitive matrices. Numerical Linear Algebra With Applications, 2021, 28, .	1.6	3
57	A python module to normalize microarray data by the quantile adjustment method. Infection, Genetics and Evolution, 2011, 11, 765-768.	2.3	1
58	Microarray Data Analysis Using Fuzzy Clustering Algorithms. Studies in Fuzziness and Soft Computing, 2009, , 83-102.	0.8	0