

# Doulaye Demba

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

3,968  
citations

172457

29  
h-index

144013

57  
g-index

62  
all docs

62  
docs citations

62  
times ranked

7412  
citing authors

#	ARTICLE	IF	CITATIONS
1	AAVâ€ delivered diacylglycerol kinase DGKk achieves longâ€ term rescue of fragile X syndrome mouse model. <i>EMBO Molecular Medicine</i> , 2022, 14, e14649.	6.9	11
2	A method for computing the Perron root for primitive matrices. <i>Numerical Linear Algebra With Applications</i> , 2021, 28, .	1.6	3
3	Subclinical endometritis in dairy cattle is associated with distinct mRNA expression patterns in blood and endometrium. <i>PLoS ONE</i> , 2019, 14, e0220244.	2.5	21
4	Interleukinâ€ 32 Contributes to Human Nonalcoholic Fatty Liver Disease and Insulin Resistance. <i>Hepatology Communications</i> , 2019, 3, 1205-1220.	4.3	38
5	Co-translational assembly of mammalian nuclear multisubunit complexes. <i>Nature Communications</i> , 2019, 10, 1740.	12.8	90
6	Analysis of high-throughput biological data using their rank values. <i>Statistical Methods in Medical Research</i> , 2019, 28, 2276-2291.	1.5	3
7	Responses to climatic and pathogen threats differ in biodynamic and conventional vines. <i>Scientific Reports</i> , 2018, 8, 16857.	3.3	15
8	Short- and long-term gene expression profiles induced by inhaled TiO2 nanostructured aerosol in rat lung. <i>Toxicology and Applied Pharmacology</i> , 2018, 356, 54-64.	2.8	16
9	Hemidesmosome integrity protects the colon against colitis and colorectal cancer. <i>Gut</i> , 2017, 66, 1748-1760.	12.1	84
10	T Cell Zone Resident Macrophages Silently Dispose of Apoptotic Cells in the Lymph Node. <i>Immunity</i> , 2017, 47, 349-362.e5.	14.3	107
11	Genome-wide Analysis of RARÎ² Transcriptional Targets in Mouse Striatum Links Retinoic Acid Signaling with Huntingtonâ€™s Disease and Other Neurodegenerative Disorders. <i>Molecular Neurobiology</i> , 2017, 54, 3859-3878.	4.0	34
12	Comments on: fold change rank ordering statistics: a new method for detecting differentially expressed genes. <i>BMC Bioinformatics</i> , 2016, 17, 462.	2.6	3
13	Reduced <i>DICER1</i> Expression Bestows Rheumatoid Arthritis Synoviocytes Proinflammatory Properties and Resistance to Apoptotic Stimuli. <i>Arthritis and Rheumatology</i> , 2016, 68, 1839-1848.	5.6	18
14	Fragile X Mental Retardation Protein (FMRP) controls diacylglycerol kinase activity in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3619-28.	7.1	79
15	Deletion of the <i>App-Runx1</i> region in mice models human partial monosomy 21. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 623-634.	2.4	12
16	Opposite Phenotypes of Muscle Strength and Locomotor Function in Mouse Models of Partial Trisomy and Monosomy 21 for the Proximal Hspa13-App Region. <i>PLoS Genetics</i> , 2015, 11, e1005062.	3.5	39
17	Early adaptive response of the retina to a pro-diabetogenic diet: Impairment of cone response and gene expression changes in high-fructose fed rats. <i>Experimental Eye Research</i> , 2015, 135, 37-46.	2.6	11
18	Circulating Human Eosinophils Share a Similar Transcriptional Profile in Asthma and Other Hypereosinophilic Disorders. <i>PLoS ONE</i> , 2015, 10, e0141740.	2.5	30

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19	The Tumor Suppressor Ikaros Shapes the Repertoire of Notch Target Genes in T Cells. <i>Science Signaling</i> , 2014, 7, ra28.	3.6	63
20	Fold change rank ordering statistics: a new method for detecting differentially expressed genes. <i>BMC Bioinformatics</i> , 2014, 15, 14.	2.6	131
21	Mof-associated complexes have overlapping and unique roles in regulating pluripotency in embryonic stem cells and during differentiation. <i>ELife</i> , 2014, 3, .	6.0	43
22	Molars and incisors: show your microarray IDs. <i>BMC Research Notes</i> , 2013, 6, 113.	1.4	43
23	TAF15 is important for cellular proliferation and regulates the expression of a subset of cell cycle genes through miRNAs. <i>Oncogene</i> , 2013, 32, 4646-4655.	5.9	42
24	A Flexible Microarray Data Simulation Model. <i>Microarrays (Basel, Switzerland)</i> , 2013, 2, 115-130.	1.4	28
25	Î²-Catenin activation synergizes with Pten loss and Myc overexpression in Notch-independent T-ALL. <i>Blood</i> , 2013, 122, 694-704.	1.4	47
26	Transcriptomic Analysis of Murine Embryos Lacking Endogenous Retinoic Acid Signaling. <i>PLoS ONE</i> , 2013, 8, e62274.	2.5	27
27	The App-Runx1 Region Is Critical for Birth Defects and Electrocardiographic Dysfunctions Observed in a Down Syndrome Mouse Model. <i>PLoS Genetics</i> , 2012, 8, e1002724.	3.5	25
28	Protracted abstinence from distinct drugs of abuse shows regulation of a common gene network. <i>Addiction Biology</i> , 2012, 17, 1-12.	2.6	48
29	Misregulation of miR-1 processing is associated with heart defects in myotonic dystrophy. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 840-845.	8.2	248
30	Misregulated alternative splicing of BIN1 is associated with T tubule alterations and muscle weakness in myotonic dystrophy. <i>Nature Medicine</i> , 2011, 17, 720-725.	30.7	299
31	Transcriptome profile reveals AMPA receptor dysfunction in the hippocampus of the Rsk2-knockout mice, an animal model of Coffinâ€“Lowry syndrome. <i>Human Genetics</i> , 2011, 129, 255-269.	3.8	23
32	A python module to normalize microarray data by the quantile adjustment method. <i>Infection, Genetics and Evolution</i> , 2011, 11, 765-768.	2.3	1
33	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. <i>Journal of Biological Chemistry</i> , 2011, 286, 33369-33379.	3.4	63
34	B Cell Signature during Inactive Systemic Lupus Is Heterogeneous: Toward a Biological Dissection of Lupus. <i>PLoS ONE</i> , 2011, 6, e23900.	2.5	54
35	An adult tissue-specific stem cell molecular phenotype is activated in epithelial cancer stem cells and correlated to patient outcome. <i>Cell Cycle</i> , 2010, 9, 321-327.	2.6	17
36	Inhibition of histone deacetylases in rats self-administering cocaine regulates lissencephaly geneâ€“1 and reelin gene expression, as revealed by microarray technique. <i>Journal of Neurochemistry</i> , 2010, 113, 236-247.	3.9	12

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37	SOX2 Is an Oncogene Activated by Recurrent 3q26.3 Amplifications in Human Lung Squamous Cell Carcinomas. PLoS ONE, 2010, 5, e8960.	2.5	277
38	Cyclin K and cyclin D1b are oncogenic in myeloma cells. Molecular Cancer, 2010, 9, 103.	19.2	15
39	Genome-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
40	A single acute pharmacological dose of $\hat{1}^3$ -hydroxybutyrate modifies multiple gene expression patterns in rat hippocampus and frontal cortex. Physiological Genomics, 2010, 41, 146-160.	2.3	19
41	Gene expression profile and response to trastuzumab docetaxel-based treatment in breast carcinoma. British Journal of Cancer, 2009, 101, 1357-1364.	6.4	27
42	Microarray Data Analysis Using Fuzzy Clustering Algorithms. Studies in Fuzziness and Soft Computing, 2009, , 83-102.	0.8	0
43	Multi-objective optimization for clustering 3-way gene expression data. Advances in Data Analysis and Classification, 2008, 2, 211-225.	1.4	5
44	<i>Gene Expression Is Altered in the Lateral Hypothalamus upon Activation of the mu Opioid Receptor</i>. Annals of the New York Academy of Sciences, 2008, 1129, 175-184.	3.8	26
45	Bcl2, a transcriptional target of p38 $\hat{1}$ , is critical for neuronal commitment of mouse embryonic stem cells. Cell Death and Differentiation, 2008, 15, 1450-1459.	11.2	32
46	Retinoic acid induces TGF $\hat{1}^2$ -dependent autocrine fibroblast growth. Oncogene, 2008, 27, 477-489.	5.9	18
47	Mu opioid receptor activation induces transcriptional plasticity in the central extended amygdala. European Journal of Neuroscience, 2008, 27, 2973-2984.	2.6	74
48	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
49	Transcriptome analysis identifies genes with enriched expression in the mouse central extended amygdala. Neuroscience, 2008, 156, 950-965.	2.3	47
50	Systematic Gene Expression Mapping Clusters Nuclear Receptors According to Their Function in the Brain. Cell, 2007, 131, 405-418.	28.9	145
51	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
52	Head and neck squamous cell carcinoma transcriptome analysis by comprehensive validated differential display. Oncogene, 2006, 25, 1821-1831.	5.9	99
53	Identification of genes associated with tumorigenesis and metastatic potential of hypopharyngeal cancer by microarray analysis. Oncogene, 2004, 23, 2484-2498.	5.9	242
54	Fuzzy C-means method for clustering microarray data. Bioinformatics, 2003, 19, 973-980.	4.1	470

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55	Density of points clustering, application to transcriptomic data analysis. Nucleic Acids Research, 2002, 30, 3992-4000.	14.5	26
56	Quality Indicators Increase the Reliability of Microarray Data. Genomics, 2002, 80, 385-394.	2.9	23
57	Recursive estimation of fourth-order cumulants with application to identification. Signal Processing, 1998, 68, 127-139.	3.7	14
58	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