

Julien Roux

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,959
citations

394421

19
h-index

330143

37
g-index

56
all docs

56
docs citations

56
times ranked

4062
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylation QTLs Are Associated with Coordinated Changes in Transcription Factor Binding, Histone Modifications, and Gene Expression Levels. <i>PLoS Genetics</i> , 2014, 10, e1004663.	3.5	255
2	Social insect genomes exhibit dramatic evolution in gene composition and regulation while preserving regulatory features linked to sociality. <i>Genome Research</i> , 2013, 23, 1235-1247.	5.5	205
3	Patterns of Positive Selection in Seven Ant Genomes. <i>Molecular Biology and Evolution</i> , 2014, 31, 1661-1685.	8.9	138
4	Bgee: Integrating and Comparing Heterogeneous Transcriptome Data Among Species. <i>Lecture Notes in Computer Science</i> , 2008, , 124-131.	1.3	137
5	The Bgee suite: integrated curated expression atlas and comparative transcriptomics in animals. <i>Nucleic Acids Research</i> , 2021, 49, D831-D847.	14.5	112
6	The genomic impact of 100 million years of social evolution in seven ant species. <i>Trends in Genetics</i> , 2012, 28, 14-21.	6.7	101
7	Developmental Constraints on Vertebrate Genome Evolution. <i>PLoS Genetics</i> , 2008, 4, e1000311.	3.5	99
8	A comparison of gene expression and DNA methylation patterns across tissues and species. <i>Genome Research</i> , 2020, 30, 250-262.	5.5	91
9	Evaluation of tools for long read RNA-seq splice-aware alignment. <i>Bioinformatics</i> , 2018, 34, 748-754.	4.1	78
10	Long-lived T follicular helper cells retain plasticity and help sustain humoral immunity. <i>Science Immunology</i> , 2020, 5, .	11.9	78
11	miR-221-3p Drives the Shift of M2-Macrophages to a Pro-Inflammatory Function by Suppressing JAK3/STAT3 Activation. <i>Frontiers in Immunology</i> , 2019, 10, 3087.	4.8	77
12	What to compare and how: Comparative transcriptomics for Evo&Devo. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2015, 324, 372-382.	1.3	63
13	A Comparative Assessment of Human and Chimpanzee iPSC-derived Cardiomyocytes with Primary Heart Tissues. <i>Scientific Reports</i> , 2018, 8, 15312.	3.3	57
14	Age-dependent gain of alternative splice forms and biased duplication explain the relation between splicing and duplication. <i>Genome Research</i> , 2011, 21, 357-363.	5.5	50
15	Comparative analysis of human and mouse expression data illuminates tissue-specific evolutionary patterns of miRNAs. <i>Nucleic Acids Research</i> , 2012, 40, 5890-5900.	14.5	48
16	Selective Constraints on Coding Sequences of Nervous System Genes Are a Major Determinant of Duplicate Gene Retention in Vertebrates. <i>Molecular Biology and Evolution</i> , 2017, 34, 2773-2791.	8.9	43
17	Molecular signaling in zebrafish development and the vertebrate phylotypic period. <i>Evolution & Development</i> , 2010, 12, 144-156.	2.0	33
18	Genomic signatures accompanying the dietary shift to phytophagy in polyphagan beetles. <i>Genome Biology</i> , 2019, 20, 98.	8.8	27

#	ARTICLE	IF	CITATIONS
19	BgeeDB, an R package for retrieval of curated expression datasets and for gene list expression localization enrichment tests. <i>F1000Research</i> , 2016, 5, 2748.	1.6	27
20	BgeeDB, an R package for retrieval of curated expression datasets and for gene list expression localization enrichment tests. <i>F1000Research</i> , 2016, 5, 2748.	1.6	23
21	Dntt expression reveals developmental hierarchy and lineage specification of hematopoietic progenitors. <i>Nature Immunology</i> , 2022, 23, 505-517.	14.5	20
22	vHOG, a multispecies vertebrate ontology of homologous organs groups. <i>Bioinformatics</i> , 2012, 28, 1017-1020.	4.1	19
23	Loss of the branched-chain amino acid transporter CD98hc alters the development of colonic macrophages in mice. <i>Communications Biology</i> , 2020, 3, 130.	4.4	19
24	Mass Cytometry of CSF Identifies an MS-Associated B-cell Population. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2021, 8, .	6.0	19
25	An ontology to clarify homology-related concepts. <i>Trends in Genetics</i> , 2010, 26, 99-102.	6.7	15
26	Sex differentiation in grayling (<i>Salmonidae</i>) goes through an all-male stage and is delayed in genetic males who instead grow faster. <i>Scientific Reports</i> , 2017, 7, 15024.	3.3	15
27	The transcription factor Duxbl mediates elimination of pre-T cells that fail \hat{t}^2 -selection. <i>Journal of Experimental Medicine</i> , 2019, 216, 638-655.	8.5	14
28	Targeting colonic macrophages improves glycemic control in high-fat diet-induced obesity. <i>Communications Biology</i> , 2022, 5, 370.	4.4	13
29	Sex-specific changes in gene expression in response to estrogen pollution around the onset of sex differentiation in grayling (<i>Salmonidae</i>). <i>BMC Genomics</i> , 2019, 20, 583.	2.8	11
30	Transcriptomic profiling reveals disease-specific characteristics of epithelial cells in idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2020, 21, 165.	3.6	11
31	Comparative modular analysis of gene expression in vertebrate organs. <i>BMC Genomics</i> , 2012, 13, 124.	2.8	9
32	IL-20 subfamily cytokines impair the oesophageal epithelial barrier by diminishing filaggrin in eosinophilic oesophagitis. <i>Gut</i> , 2023, 72, 821-833.	12.1	8
33	Alveolar Basal Cells Differentiate towards Secretory Epithelial- and Aberrant Basaloid-like Cells In Vitro. <i>Cells</i> , 2022, 11, 1820.	4.1	7
34	The expansion of amino-acid repeats is not associated to adaptive evolution in mammalian genes. <i>BMC Genomics</i> , 2009, 10, 619.	2.8	6
35	Basal-Like Cell-Conditioned Medium Exerts Anti-Fibrotic Effects In Vitro and In Vivo. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 844119.	4.1	6
36	Fms-like tyrosine kinase 3 is a regulator of the cardiac side population in mice. <i>Life Science Alliance</i> , 2022, 5, e202101112.	2.8	2

#	ARTICLE	IF	CITATIONS
37	In vitro culture of basal-like cells from fibrotic peripheral lung tissue. , 2021, , .		0
38	Fibrosis-specific stem-like cells in peripheral IPF lung: Characteristics and potential role. , 2020, , .		0