

Rachel Legendre

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,456
citations

430754

18
h-index

377752

34
g-index

58
all docs

58
docs citations

58
times ranked

2290
citing authors

#	ARTICLE	IF	CITATIONS
1	In Situ Fixation Redefines Quiescence and Early Activation of Skeletal Muscle Stem Cells. <i>Cell Reports</i> , 2017, 21, 1982-1993.	2.9	217
2	Intracellular <i>Staphylococcus aureus</i> persists upon antibiotic exposure. <i>Nature Communications</i> , 2020, 11, 2200.	5.8	197
3	Global translational impacts of the loss of the tRNA modification t6A in yeast. <i>Microbial Cell</i> , 2016, 3, 29-45.	1.4	101
4	Tissue damage induces a conserved stress response that initiates quiescent muscle stem cell activation. <i>Cell Stem Cell</i> , 2021, 28, 1125-1135.e7.	5.2	72
5	'Sequana': a Set of Snakemake NGS pipelines. <i>Journal of Open Source Software</i> , 2017, 2, 352.	2.0	70
6	Trained ILC3 responses promote intestinal defense. <i>Science</i> , 2022, 375, 859-863.	6.0	60
7	Genome-wide Translational Changes Induced by the Prion [PSI ⁺]. <i>Cell Reports</i> , 2014, 8, 439-448.	2.9	57
8	Enteric bacteria boost defences against oxidative stress in <i>Entamoeba histolytica</i> . <i>Scientific Reports</i> , 2018, 8, 9042.	1.6	49
9	GH16 and GH81 family β -(1,3)-glucanases in <i>Aspergillus fumigatus</i> are essential for conidial cell wall morphogenesis. <i>Cellular Microbiology</i> , 2016, 18, 1285-1293.	1.1	47
10	A missense variant in the coil1A domain of the keratin 25 gene is associated with the dominant curly hair coat trait (Crd) in horse. <i>Genetics Selection Evolution</i> , 2017, 49, 85.	1.2	47
11	<i>Mycobacterium abscessus</i> virulence traits unraveled by transcriptomic profiling in amoeba and macrophages. <i>PLoS Pathogens</i> , 2019, 15, e1008069.	2.1	42
12	RiboTools: a Galaxy toolbox for qualitative ribosome profiling analysis. <i>Bioinformatics</i> , 2015, 31, 2586-2588.	1.8	39
13	Next-generation sequencing identifies equine cartilage and subchondral bone miRNAs and suggests their involvement in osteochondrosis physiopathology. <i>BMC Genomics</i> , 2014, 15, 798.	1.2	31
14	Queuine Is a Nutritional Regulator of <i>Entamoeba histolytica</i> Response to Oxidative Stress and a Virulence Attenuator. <i>MBio</i> , 2021, 12, .	1.8	29
15	Transcriptional profiling of a laboratory and clinical <i>Mycobacterium tuberculosis</i> strain suggests respiratory poisoning upon exposure to delamanid. <i>Tuberculosis</i> , 2019, 117, 18-23.	0.8	28
16	Functionally distinct resident macrophage subsets differentially shape responses to infection in the bladder. <i>Science Advances</i> , 2020, 6, .	4.7	27
17	Transcytosis subversion by M cell-to-enterocyte spread promotes <i>Shigella flexneri</i> and <i>Listeria monocytogenes</i> intracellular bacterial dissemination. <i>PLoS Pathogens</i> , 2020, 16, e1008446.	2.1	25
18	SIV-induced terminally differentiated adaptive NK cells in lymph nodes associated with enhanced MHC-E restricted activity. <i>Nature Communications</i> , 2021, 12, 1282.	5.8	24

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19	Functional Genomic and Biochemical Analysis Reveals Pleiotropic Effect of Congo Red on <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2021, 12, .	1.8	24
20	The gut environment regulates bacterial gene expression which modulates susceptibility to bacteriophage infection. <i>Cell Host and Microbe</i> , 2022, 30, 556-569.e5.	5.1	24
21	4-Methylcytosine DNA modification is critical for global epigenetic regulation and virulence in the human pathogen <i>Leptospira interrogans</i> . <i>Nucleic Acids Research</i> , 2020, 48, 12102-12115.	6.5	20
22	Systemic viral spreading and defective host responses are associated with fatal Lassa fever in macaques. <i>Communications Biology</i> , 2021, 4, 27.	2.0	19
23	The transcriptional response of pathogenic <i>Leptospira</i> to peroxide reveals new defenses against infection-related oxidative stress. <i>PLoS Pathogens</i> , 2020, 16, e1008904.	2.1	18
24	Enzymatic synthesis of random sequences of RNA and RNA analogues by DNA polymerase theta mutants for the generation of aptamer libraries. <i>Nucleic Acids Research</i> , 2018, 46, 6271-6284.	6.5	16
25	Involvement of mitochondrial dysfunction and ER-stress in the physiopathology of equine osteochondritis dissecans (OCD). <i>Experimental and Molecular Pathology</i> , 2014, 96, 328-338.	0.9	15
26	Evolution of Class A G-Protein-Coupled Receptors: Implications for Molecular Modeling. <i>Current Medicinal Chemistry</i> , 2012, 19, 1110-1118.	1.2	14
27	Sequanix: a dynamic graphical interface for Snakemake workflows. <i>Bioinformatics</i> , 2018, 34, 1934-1936.	1.8	14
28	Translation Analysis at the Genome Scale by Ribosome Profiling. <i>Methods in Molecular Biology</i> , 2016, 1361, 105-124.	0.4	13
29	The CovR regulatory network drives the evolution of Group B <i>Streptococcus</i> virulence. <i>PLoS Genetics</i> , 2021, 17, e1009761.	1.5	13
30	HP1 ³ binding pre-mRNA intronic repeats modulates RNA splicing decisions. <i>EMBO Reports</i> , 2021, 22, e52320.	2.0	12
31	Experimental evolution links post-transcriptional regulation to <i>Leishmania</i> fitness gain. <i>PLoS Pathogens</i> , 2022, 18, e1010375.	2.1	9
32	Insights into amebiasis using a human intestinal model. <i>Cellular Microbiology</i> , 2020, 22, e13203.	1.1	8
33	CD32+CD4+ T Cells Sharing B Cell Properties Increase With Simian Immunodeficiency Virus Replication in Lymphoid Tissues. <i>Frontiers in Immunology</i> , 2021, 12, 695148.	2.2	8
34	Non-specific interference of cobalt with siderophore-dependent iron uptake pathways. <i>Metallomics</i> , 2019, 11, 1937-1951.	1.0	7
35	BAHD1 haploinsufficiency results in anxiety-like phenotypes in male mice. <i>PLoS ONE</i> , 2020, 15, e0232789.	1.1	7
36	Transcriptional adaptation of <i>Mycobacterium ulcerans</i> in an original mouse model: New insights into the regulation of mycolactone. <i>Virulence</i> , 2021, 12, 1438-1451.	1.8	7

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37	Hyperstructure interactions influence the virulence of the type 3 secretion system in yersiniae and other bacteria. <i>Applied Microbiology and Biotechnology</i> , 2012, 96, 23-36.	1.7	6
38	The oxidative stress response of pathogenic <i>Leptospira</i> is controlled by two peroxide stress regulators which putatively cooperate in controlling virulence. <i>PLoS Pathogens</i> , 2021, 17, e1009087.	2.1	6
39	Early Transcriptional Changes in Rabies Virus-Infected Neurons and Their Impact on Neuronal Functions. <i>Frontiers in Microbiology</i> , 2021, 12, 730892.	1.5	5
40	sgDI-tector: defective interfering viral genome bioinformatics for detection of coronavirus subgenomic RNAs. <i>Rna</i> , 2022, 28, 277-289.	1.6	4
41	Role of the major determinant of polar flagellation FlhG in the endoflagella-containing spirochete <i>Leptospira</i> . <i>Molecular Microbiology</i> , 2021, 116, 1392-1406.	1.2	3
42	Human Immune Response Triggered by <i>Entamoeba histolytica</i> in a 3D-Intestinal Model. , 2020, , 225-238.		0
43	Title is missing!. , 2020, 16, e1008446.		0
44	Title is missing!. , 2020, 16, e1008446.		0
45	Title is missing!. , 2020, 16, e1008446.		0
46	Title is missing!. , 2020, 16, e1008446.		0