

# Jos Pereira-Leal

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

59  
papers

4,945  
citations

31  
h-index

65  
g-index

65  
ext. papers

5,623  
ext. citations

7.2  
avg. IF

5.54  
L-index

#	Paper	IF	Citations
59	A Pilot Study on the Metabolic Impact of Mediterranean Diet in Type 2 Diabetes: Is Gut Microbiota the Key?. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	5
58	A novel cyanobacterial geosmin producer, revising GeoA distribution and dispersion patterns in Bacteria. <i>Scientific Reports</i> , <b>2020</b> , 10, 8679	4.9	11
57	Disulfiram, an alcohol dependence therapy, can inhibit the in vitro growth of <i>Francisella tularensis</i> . <i>International Journal of Antimicrobial Agents</i> , <b>2019</b> , 54, 85-88	14.3	6
56	Pericentrin-mediated SAS-6 recruitment promotes centriole assembly. <i>ELife</i> , <b>2019</b> , 8,	8.9	15
55	Diversity and Composition of Pelagic Prokaryotic and Protist Communities in a Thin Arctic Sea-Ice Regime. <i>Microbial Ecology</i> , <b>2019</b> , 78, 388-408	4.4	11
54	Genetic Competence Drives Genome Diversity in <i>Bacillus subtilis</i> . <i>Genome Biology and Evolution</i> , <b>2018</b> , 10, 108-124	3.9	29
53	Collective electrical oscillations of a diatom population induced by dark stress. <i>Scientific Reports</i> , <b>2018</b> , 8, 5484	4.9	6
52	Microbial Diversity and Toxin Risk in Tropical Freshwater Reservoirs of Cape Verde. <i>Toxins</i> , <b>2018</b> , 10,	4.9	5
51	Centrosome amplification arises before neoplasia and increases upon p53 loss in tumorigenesis. <i>Journal of Cell Biology</i> , <b>2018</b> , 217, 2353-2363	7.3	36
50	Rabifier2: an improved bioinformatic classifier of Rab GTPases. <i>Bioinformatics</i> , <b>2017</b> , 33, 568-570	7.2	3
49	Does Hypoxic Response Mediate Primary Resistance to Sunitinib in Untreated Locally Advanced Breast Cancer?. <i>Current Cancer Drug Targets</i> , <b>2017</b> , 17, 62-73	2.8	3
48	RAG Recombinase as a Selective Pressure for Genome Evolution. <i>Genome Biology and Evolution</i> , <b>2016</b> , 8, 3364-3376	3.9	4
47	Are There Rab GTPases in Archaea?. <i>Molecular Biology and Evolution</i> , <b>2016</b> , 33, 1833-42	8.3	18
46	CYR61 and TAZ Upregulation and Focal Epithelial to Mesenchymal Transition May Be Early Predictors of Barrett's Esophagus Malignant Progression. <i>PLoS ONE</i> , <b>2016</b> , 11, e0161967	3.7	5
45	Evolutionary patterns in coiled-coils. <i>Genome Biology and Evolution</i> , <b>2015</b> , 7, 545-56	3.9	15
44	Coiled-coil length: Size does matter. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2015</b> , 83, 2162-9	4.2	9
43	<i>Staphylococcus aureus</i> Survives with a Minimal Peptidoglycan Synthesis Machine but Sacrifices Virulence and Antibiotic Resistance. <i>PLoS Pathogens</i> , <b>2015</b> , 11, e1004891	7.6	55

42	Bioinformatic approaches to identifying and classifying Rab proteins. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1298, 17-28	1.4	1
41	Evolutionary cell biology: two origins, one objective. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 16990-4	11.5	75
40	A comprehensive assessment of the transcriptome of cork oak ( <i>Quercus suber</i> ) through EST sequencing. <i>BMC Genomics</i> , <b>2014</b> , 15, 371	4.5	31
39	Hope for GWAS: relevant risk genes uncovered from GWAS statistical noise. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 17601-21	6.3	2
38	Bioinformatics projects supporting life-sciences learning in high schools. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003404	5	8
37	inTB - a data integration platform for molecular and clinical epidemiological analysis of tuberculosis. <i>BMC Bioinformatics</i> , <b>2013</b> , 14, 264	3.6	7
36	SNP typing reveals similarity in Mycobacterium tuberculosis genetic diversity between Portugal and Northeast Brazil. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 18, 238-46	4.5	17
35	Evolution of intracellular compartmentalization. <i>Biochemical Journal</i> , <b>2013</b> , 449, 319-31	3.8	98
34	Genome of a Gut Strain of <i>Bacillus subtilis</i> . <i>Genome Announcements</i> , <b>2013</b> , 1,		15
33	A genomic signature and the identification of new sporulation genes. <i>Journal of Bacteriology</i> , <b>2013</b> , 195, 2101-15	3.5	83
32	Aurora at the pole and equator: overlapping functions of Aurora kinases in the mitotic spindle. <i>Open Biology</i> , <b>2013</b> , 3, 120185	7	77
31	The superfamily of heme-copper oxygen reductases: types and evolutionary considerations. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2012</b> , 1817, 629-37	4.6	121
30	Mechanisms underlying the dual-mode regulation of microtubule dynamics by Kip3/kinesin-8. <i>Molecular Cell</i> , <b>2011</b> , 43, 751-63	17.6	91
29	A bioinformatics classifier and database for heme-copper oxygen reductases. <i>PLoS ONE</i> , <b>2011</b> , 6, e19117	3.7	40
28	Evolution: Tracing the origins of centrioles, cilia, and flagella. <i>Journal of Cell Biology</i> , <b>2011</b> , 194, 165-75	7.3	257
27	Thousands of rab GTPases for the cell biologist. <i>PLoS Computational Biology</i> , <b>2011</b> , 7, e1002217	5	136
26	Loss of genetic redundancy in reductive genome evolution. <i>PLoS Computational Biology</i> , <b>2011</b> , 7, e1001082	3.2	47
25	MAIS-TB: An Integrated Web Tool for Molecular Epidemiology Analysis. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 183-185	0.9	

24	Stepwise evolution of the centriole-assembly pathway. <i>Journal of Cell Science</i> , <b>2010</b> , 123, 1414-26	5.3	164
23	Single choroideremia gene in nonmammalian vertebrates explains early embryonic lethality of the zebrafish model of choroideremia <b>2009</b> , 50, 3009-16		28
22	Evolution and dynamics of protein interactions and networks. <i>Current Opinion in Structural Biology</i> , <b>2008</b> , 18, 349-57	8.1	93
21	The Ypt/Rab family and the evolution of trafficking in fungi. <i>Traffic</i> , <b>2008</b> , 9, 27-38	5.7	56
20	Multiple domain insertions and losses in the evolution of the Rab prenylation complex. <i>BMC Evolutionary Biology</i> , <b>2007</b> , 7, 140	3	17
19	Evolution of protein complexes by duplication of homomeric interactions. <i>Genome Biology</i> , <b>2007</b> , 8, R51	18.3	139
18	3D complex: a structural classification of protein complexes. <i>PLoS Computational Biology</i> , <b>2006</b> , 2, e155	5	256
17	The origins and evolution of functional modules: lessons from protein complexes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 361, 507-17	5.8	113
16	Comparative genomics of trypanosomatid parasitic protozoa. <i>Science</i> , <b>2005</b> , 309, 404-9	33.3	614
15	The relationship between domain duplication and recombination. <i>Journal of Molecular Biology</i> , <b>2005</b> , 346, 355-65	6.5	131
14	The vertebrate Hef ortholog is a component of the Fanconi anemia tumor-suppressor pathway. <i>Nature Structural and Molecular Biology</i> , <b>2005</b> , 12, 763-71	17.6	163
13	Novel specificities emerge by stepwise duplication of functional modules. <i>Genome Research</i> , <b>2005</b> , 15, 552-9	9.7	70
12	An exponential core in the heart of the yeast protein interaction network. <i>Molecular Biology and Evolution</i> , <b>2005</b> , 22, 421-5	8.3	44
11	Functional evolution of the yeast protein interaction network. <i>Molecular Biology and Evolution</i> , <b>2004</b> , 21, 1171-6	8.3	56
10	Detection of functional modules from protein interaction networks. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2004</b> , 54, 49-57	4.2	288
9	Classification schemes for protein structure and function. <i>Nature Reviews Genetics</i> , <b>2003</b> , 4, 508-19	30.1	74
8	Structural determinants of Rab and Rab Escort Protein interaction: Rab family motifs define a conserved binding surface. <i>Biochemical and Biophysical Research Communications</i> , <b>2003</b> , 301, 92-7	3.4	17
7	Beyond 100 genomes. <i>Genome Biology</i> , <b>2003</b> , 4, 402	18.3	19

6	Genome evolution reveals biochemical networks and functional modules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 15428-33	11.5	123
5	Analysis and preparation of stable complexes between Rab GTPases, Rab escort protein, and Rab geranylgeranyl transferase. <i>Methods in Molecular Biology</i> , <b>2002</b> , 189, 157-65	1.4	1
4	Evolution of the Rab family of small GTP-binding proteins. <i>Journal of Molecular Biology</i> , <b>2001</b> , 313, 889-903	9.5	626
3	Prenylation of Rab GTPases: molecular mechanisms and involvement in genetic disease. <i>FEBS Letters</i> , <b>2001</b> , 498, 197-200	3.8	132
2	The mammalian Rab family of small GTPases: definition of family and subfamily sequence motifs suggests a mechanism for functional specificity in the Ras superfamily. <i>Journal of Molecular Biology</i> , <b>2000</b> , 301, 1077-87	6.5	375
1	An ancestral role of pericentrin in centriole formation through SAS-6 recruitment		2