Olivier Collin

List of Publications by Year
in descending order

25 papers	1,980 citations	471509 17 h-index	580821 25 g-index
26 all docs	26 docs citations	26 times ranked	5374 citing authors

#	Article	IF	Citations
1	The bio.tools registry of software tools and data resources for the life sciences. Genome Biology, 2019, 20, 164.	8.8	39
2	The ReproGenomics Viewer: a multi-omics and cross-species resource compatible with single-cell studies for the reproductive science community. Bioinformatics, 2019, 35, 3133-3139.	4.1	49
3	TOXsIgN: a cross-species repository for toxicogenomic signatures. Bioinformatics, 2018, 34, 2116-2122.	4.1	22
4	Scientific workflows for computational reproducibility in the life sciences: Status, challenges and opportunities. Future Generation Computer Systems, 2017, 75, 284-298.	7.5	104
5	Rapid transcriptional plasticity of duplicated gene clusters enables a clonally reproducing aphid to colonise diverse plant species. Genome Biology, 2017, 18, 27.	8.8	624
6	PepPSy: a web server to prioritize gene products in experimental and biocuration workflows. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw070.	3.0	2
7	Coliba€™read on galaxy: a tools suite dedicated to biological information extraction from raw NGS reads. GigaScience, 2016, 5, 9.	6.4	2
8	BioShaDock: a community driven bioinformatics shared Docker-based tools registry. F1000Research, 2015, 4, 1443.	1.6	36
9	BioMAJ2Galaxy: automatic update of reference data in Galaxy using BioMAJ. GigaScience, 2015, 4, 22.	6.4	2
10	The ReproGenomics Viewer: an integrative cross-species toolbox for the reproductive science community. Nucleic Acids Research, 2015, 43, W109-W116.	14.5	46
11	The BioMart community portal: an innovative alternative to large, centralized data repositories. Nucleic Acids Research, 2015, 43, W589-W598.	14.5	682
12	LIMLE, a New Molecule Over-Expressed following Activation, Is Involved in the Stimulatory Properties of Dendritic Cells. PLoS ONE, 2014, 9, e93894.	2.5	1
13	High-Resolution Profiling of Novel Transcribed Regions During Rat Spermatogenesis1. Biology of Reproduction, 2014, 91, 5.	2.7	50
14	CyanoLyase: a database of phycobilin lyase sequences, motifs and functions. Nucleic Acids Research, 2012, 41, D396-D401.	14.5	32
15	GPSy: a cross-species gene prioritization system for conserved biological processes€"application in male gamete development. Nucleic Acids Research, 2012, 40, W458-W465.	14.5	20
16	Fitness of Macrolide Resistant *Campylobacter coli* and *Campylobacter jejuni*. Microbial Drug Resistance, 2012, 18, 101-108.	2.0	26
17	PHYMYCO-DB: A Curated Database for Analyses of Fungal Diversity and Evolution. PLoS ONE, 2012, 7, e43117.	2.5	34
18	GermOnline 4.0 is a genomics gateway for germline development, meiosis and the mitotic cell cycle. Database: the Journal of Biological Databases and Curation, 2010, 2010, baq030-baq030.	3.0	40

#	Article	IF	Citations
19	MIMAS 3.0 is a Multiomics Information Management and Annotation System. BMC Bioinformatics, 2009, 10, 151.	2.6	15
20	BioMAJ: a flexible framework for databanks synchronization and processing. Bioinformatics, 2008, 24, 1823-1825.	4.1	9
21	AN EXPRESSED SEQUENCE TAG ANALYSIS OF THALLUS AND REGENERATING PROTOPLASTS OF CHONDRUS CRISPUS (GIGARTINALES, RHODOPHYCEAE)1. Journal of Phycology, 2006, 42, 104-112.	2.3	50
22	The loss of the hemoglobin H2S-binding function in annelids from sulfide-free habitats reveals molecular adaptation driven by Darwinian positive selection. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5885-5890.	7.1	61
23	KID, a Kinase Inhibitor Database Project. , 1999, 82, 165-168.		4
24	Increased resolution of large DNA fragments by a two dimensional pulse field gel electrophoresis. Analytical Biochemistry, 1990, 189, 142-148.	2.4	6
25	Characterization of a ferritin isolated from the midgut epithelial cells of a homopteran insect, Philaenus spumarius L.. Biology of the Cell, 1988, 63, 297-305.	2.0	19