

Magali Michaut

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,070
citations

331670

21
h-index

243625

44
g-index

69
all docs

69
docs citations

69
times ranked

4748
citing authors

#	ARTICLE	IF	CITATIONS
1	PSICQUIC and PSIScore: accessing and scoring molecular interactions. <i>Nature Methods</i> , 2011, 8, 528-529.	19.0	274
2	ERBB2 Mutations Characterize a Subgroup of Muscle-invasive Bladder Cancers with Excellent Response to Neoadjuvant Chemotherapy. <i>European Urology</i> , 2016, 69, 384-388.	1.9	177
3	Integration of genomic, transcriptomic and proteomic data identifies two biologically distinct subtypes of invasive lobular breast cancer. <i>Scientific Reports</i> , 2016, 6, 18517.	3.3	143
4	Bringing order to protein disorder through comparative genomics and genetic interactions. <i>Genome Biology</i> , 2011, 12, R14.	9.6	129
5	Mapping the Hsp90 Genetic Interaction Network in <i>Candida albicans</i> Reveals Environmental Contingency and Rewired Circuitry. <i>PLoS Genetics</i> , 2012, 8, e1002562.	3.5	98
6	Genetic Interaction Maps in <i>Escherichia coli</i> Reveal Functional Crosstalk among Cell Envelope Biogenesis Pathways. <i>PLoS Genetics</i> , 2011, 7, e1002377.	3.5	95
7	Genomic Determinants of Protein Abundance Variation in Colorectal Cancer Cells. <i>Cell Reports</i> , 2017, 20, 2201-2214.	6.4	95
8	Cadmium triggers an integrated reprogramming of the metabolism of <i>Synechocystis</i> PCC6803, under the control of the Slr1738 regulator. <i>BMC Genomics</i> , 2007, 8, 350.	2.8	92
9	Assessment of PD-L1 expression across breast cancer molecular subtypes, in relation to mutation rate, BRCA1-like status, tumor-infiltrating immune cells and survival. <i>Oncolmmunology</i> , 2018, 7, e1509820.	4.6	80
10	TANDEM: a two-stage approach to maximize interpretability of drug response models based on multiple molecular data types. <i>Bioinformatics</i> , 2016, 32, i413-i420.	4.1	64
11	Distinct Types of Disorder in the Human Proteome: Functional Implications for Alternative Splicing. <i>PLoS Computational Biology</i> , 2013, 9, e1003030.	3.2	62
12	Putting genetic interactions in context through a global modular decomposition. <i>Genome Research</i> , 2011, 21, 1375-1387.	5.5	61
13	Genome-wide location analysis reveals a role of TFIIIS in RNA polymerase III transcription. <i>Genes and Development</i> , 2008, 22, 1934-1947.	5.9	59
14	Next generation sequencing of triple negative breast cancer to find predictors for chemotherapy response. <i>Breast Cancer Research</i> , 2015, 17, 134.	5.0	58
15	The BRCA1ness signature is associated significantly with response to PARP inhibitor treatment versus control in the I-SPY 2 randomized neoadjuvant setting. <i>Breast Cancer Research</i> , 2017, 19, 99.	5.0	58
16	Protein Complexes are Central in the Yeast Genetic Landscape. <i>PLoS Computational Biology</i> , 2011, 7, e1001092.	3.2	57
17	A robust genomic signature for the detection of colorectal cancer patients with microsatellite instability phenotype and high mutation frequency. <i>Journal of Pathology</i> , 2012, 228, 586-595.	4.5	55
18	BRCA1-like signature in triple negative breast cancer: Molecular and clinical characterization reveals subgroups with therapeutic potential. <i>Molecular Oncology</i> , 2015, 9, 1528-1538.	4.6	54

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19	Genome-wide location analysis reveals a role for Sub1 in RNA polymerase III transcription. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14265-14270.	7.1	47
20	InteroPORC: automated inference of highly conserved protein interaction networks. Bioinformatics, 2008, 24, 1625-1631.	4.1	39
21	Parallel InÂVivo and InÂVitro Melanoma RNAi Dropout Screens Reveal Synthetic Lethality between Hypoxia and DNA Damage Response Inhibition. Cell Reports, 2014, 9, 1375-1386.	6.4	34
22	A Quick Guide for Building a Successful Bioinformatics Community. PLoS Computational Biology, 2015, 11, e1003972.	3.2	23
23	A Systems Biology Approach Reveals the Role of a Novel Methyltransferase in Response to Chemical Stress and Lipid Homeostasis. PLoS Genetics, 2011, 7, e1002332.	3.5	21
24	Principal component analysis of binary genomics data. Briefings in Bioinformatics, 2019, 20, 317-329.	6.5	21
25	Loss of functional BAP1 augments sensitivity to TRAIL in cancer cells. ELife, 2018, 7, .	6.0	20
26	iTOP: inferring the topology of omics data. Bioinformatics, 2018, 34, i988-i996.	4.1	19
27	Multiple Genetic Interaction Experiments Provide Complementary Information Useful for Gene Function Prediction. PLoS Computational Biology, 2012, 8, e1002559.	3.2	17
28	Ten Simple Rules for Getting Involved in Your Scientific Community. PLoS Computational Biology, 2011, 7, e1002232.	3.2	15
29	The Regional Student Group Program of the ISCB Student Council: Stories from the Road. PLoS Computational Biology, 2013, 9, e1003241.	3.2	13
30	An omics perspective of protein disorder. Molecular BioSystems, 2012, 8, 185-193.	2.9	12
31	Long-term feeder-free culture of human pancreatic progenitors on fibronectin or matrix-free polymer potentiates β^2 cell differentiation. Stem Cell Reports, 2022, 17, 1215-1228.	4.8	11
32	Ten Simple Rules for Starting a Regional Student Group. PLoS Computational Biology, 2013, 9, e1003340.	3.2	10
33	OncoScape: Exploring the cancer aberration landscape by genomic data fusion. Scientific Reports, 2016, 6, 28103.	3.3	10
34	Highlights from the 6th International Society for Computational Biology Student Council Symposium at the 18th Annual International Conference on Intelligent Systems for Molecular Biology. BMC Bioinformatics, 2010, 11, .	2.6	9
35	ERG Controls B Cell Development by Promoting Igh V-to-DJ Recombination. Cell Reports, 2019, 29, 2756-2769.e6.	6.4	7
36	Explain Bioinformatics to Your Grandmother!. PLoS Computational Biology, 2013, 9, e1003305.	3.2	5

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37	Building the Future of Bioinformatics through Student-Facilitated Conferencing. PLoS Computational Biology, 2014, 10, e1003458.	3.2	4
38	The ISCB Student Council Internship Program: Expanding computational biology capacity worldwide. PLoS Computational Biology, 2018, 14, e1005802.	3.2	4
39	InteroPORC: an automated tool to predict highly conserved protein interaction networks. BMC Bioinformatics, 2008, 9, .	2.6	3
40	Don't Wear Your New Shoes (Yet): Taking the Right Steps to Become a Successful Principal Investigator. PLoS Computational Biology, 2013, 9, e1002834.	3.2	3
41	PTBP1 promotes hematopoietic stem cell maintenance and red blood cell development by ensuring sufficient availability of ribosomal constituents. Cell Reports, 2022, 39, 110793.	6.4	3
42	The Young PI Buzz: Learning from the Organizers of the Junior Principal Investigator Meeting at ISMB-ECCB 2013. PLoS Computational Biology, 2013, 9, e1003350.	3.2	2
43	Kinome capture sequencing of high-grade serous ovarian carcinoma reveals novel mutations in the JAK3 gene. PLoS ONE, 2020, 15, e0235766.	2.5	2
44	Learn from the Best. PLoS Computational Biology, 2014, 10, e1003645.	3.2	1
45	Mining Biological Data Using Pyramids. Studies in Classification, Data Analysis, and Knowledge Organization, 2007, , 397-408.	0.2	1
46	Functional Genomic Identification of Predictors of Sensitivity and Mechanisms of Resistance to Multivalent Second-Generation TRAIL-R2 Agonists. Molecular Cancer Therapeutics, 2022, 21, 594-606.	4.1	1
47	Crossing Borders for Science. PLoS Computational Biology, 2014, 10, e1003519.	3.2	0
48	Abstract P3-06-21: Next generation sequencing to find predictors for chemotherapy response in triple negative breast cancer. , 2015, , .		0
49	Abstract 4783: Identification of new therapies for the treatment of BRAF/NRAS wild-type melanomas by functional screening approaches. , 2016, , .		0
50	Abstract 575: PD-L1 positive tumor-infiltrating lymphocytes and mutational load in breast cancer. , 2017, , .		0
51	Abstract 3717: New therapies for the treatment of BRAF/NRAS wild type melanoma. , 2017, , .		0