

Monica Campillos

List of Publications by Citations

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Version: 2024-04-26

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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.

32
papers

4,216
citations

21
h-index

32
g-index

32
ext. papers

4,801
ext. citations

11.5
avg, IF

4.96
L-index

#	Paper	IF	Citations
32	Drug target identification using side-effect similarity. <i>Science</i> , 2008 , 321, 263-6	33.3	937
31	A side effect resource to capture phenotypic effects of drugs. <i>Molecular Systems Biology</i> , 2010 , 6, 343	12.2	608
30	STITCH: interaction networks of chemicals and proteins. <i>Nucleic Acids Research</i> , 2008 , 36, D684-8	20.1	471
29	Novel biomarkers for pre-diabetes identified by metabolomics. <i>Molecular Systems Biology</i> , 2012 , 8, 615	12.2	468
28	SuperTarget and Matador: resources for exploring drug-target relationships. <i>Nucleic Acids Research</i> , 2008 , 36, D919-22	20.1	416
27	STITCH 2: an interaction network database for small molecules and proteins. <i>Nucleic Acids Research</i> , 2010 , 38, D552-6	20.1	183
26	Drug-induced regulation of target expression. <i>PLoS Computational Biology</i> , 2010 , 6, e1000925	5	100
25	Computational characterization of multiple Gag-like human proteins. <i>Trends in Genetics</i> , 2006 , 22, 585-9	8.5	96
24	Statistical model for large-scale peptide identification in databases from tandem mass spectra using SEQUEST. <i>Analytical Chemistry</i> , 2004 , 76, 6853-60	7.8	95
23	Systematic identification of proteins that elicit drug side effects. <i>Molecular Systems Biology</i> , 2013 , 9, 663	12.2	91
22	Characterization of drug-induced transcriptional modules: towards drug repositioning and functional understanding. <i>Molecular Systems Biology</i> , 2013 , 9, 662	12.2	86
21	Effects of metformin on metabolite profiles and LDL cholesterol in patients with type 2 diabetes. <i>Diabetes Care</i> , 2015 , 38, 1858-67	14.6	76
20	HitPick: a web server for hit identification and target prediction of chemical screenings. <i>Bioinformatics</i> , 2013 , 29, 1910-2	7.2	76
19	Large-scale prediction of drug-target relationships. <i>FEBS Letters</i> , 2008 , 582, 1283-90	3.8	75
18	Transcriptional activation by AP-2alpha is modulated by the oncogene DEK. <i>Nucleic Acids Research</i> , 2003 , 31, 1571-5	20.1	64
17	SIREs: searching for iron-responsive elements. <i>Nucleic Acids Research</i> , 2010 , 38, W360-7	20.1	57
16	Identification and analysis of evolutionarily cohesive functional modules in protein networks. <i>Genome Research</i> , 2006 , 16, 374-82	9.7	54

15	Transcription factor AP-2 activity is modulated by protein kinase A-mediated phosphorylation. <i>FEBS Letters</i> , 1999 , 444, 27-31	3.8	52
14	Protein coding potential of retroviruses and other transposable elements in vertebrate genomes. <i>Nucleic Acids Research</i> , 2005 , 33, 946-54	20.1	40
13	Specific interaction of heterogeneous nuclear ribonucleoprotein A1 with the -219T allelic form modulates APOE promoter activity. <i>Nucleic Acids Research</i> , 2003 , 31, 3063-70	20.1	31
12	Systematic pharmacological screens uncover novel pathways involved in cerebral cavernous malformations. <i>EMBO Molecular Medicine</i> , 2018 , 10,	12	30
11	Identification of amino acid residues of transcription factor AP-2 involved in DNA binding. <i>Journal of Molecular Biology</i> , 2000 , 301, 807-16	6.5	20
10	Role of CXCL13 in asthma: novel therapeutic target. <i>Chest</i> , 2012 , 141, 886-894	5.3	19
9	HitPickV2: a web server to predict targets of chemical compounds. <i>Bioinformatics</i> , 2019 , 35, 1239-1240	7.2	17
8	Molecularly and clinically related drugs and diseases are enriched in phenotypically similar drug-disease pairs. <i>Genome Medicine</i> , 2014 , 6, 52	14.4	14
7	Systematic Identification of Pharmacological Targets from Small-Molecule Phenotypic Screens. <i>Cell Chemical Biology</i> , 2016 , 23, 1302-1313	8.2	8
6	Organ system heterogeneity DB: a database for the visualization of phenotypes at the organ system level. <i>Nucleic Acids Research</i> , 2015 , 43, D900-6	20.1	7
5	Systematic analysis of gene properties influencing organ system phenotypes in mammalian perturbations. <i>Bioinformatics</i> , 2014 , 30, 3093-100	7.2	7
4	Unveiling new biological relationships using shared hits of chemical screening assay pairs. <i>Bioinformatics</i> , 2014 , 30, i579-86	7.2	7
3	A Novel Drug-Mouse Phenotypic Similarity Method Detects Molecular Determinants of Drug Effects. <i>PLoS Computational Biology</i> , 2016 , 12, e1005111	5	5
2	Computational approaches for the study of the role of small molecules in diseases. <i>Perspectives in Science</i> , 2016 , 9, 49-52	0.8	3
1	A drug screen with approved compounds identifies amlexanox as a novel Wnt/ β -catenin activator inducing lung epithelial organoid formation. <i>British Journal of Pharmacology</i> , 2021 , 178, 4026-4041	8.6	3