

Monica Campillos

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

5,250
citations

279701

23
h-index

414303

32
g-index

32
all docs

32
docs citations

32
times ranked

7611
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug Target Identification Using Side-Effect Similarity. <i>Science</i> , 2008, 321, 263-266.	6.0	1,097
2	A side effect resource to capture phenotypic effects of drugs. <i>Molecular Systems Biology</i> , 2010, 6, 343.	3.2	757
3	STITCH: interaction networks of chemicals and proteins. <i>Nucleic Acids Research</i> , 2007, 36, D684-D688.	6.5	669
4	Novel biomarkers for pre-diabetes identified by metabolomics. <i>Molecular Systems Biology</i> , 2012, 8, 615.	3.2	605
5	SuperTarget and Matador: resources for exploring drug-target relationships. <i>Nucleic Acids Research</i> , 2007, 36, D919-D922.	6.5	518
6	STITCH 2: an interaction network database for small molecules and proteins. <i>Nucleic Acids Research</i> , 2010, 38, D552-D556.	6.5	215
7	Computational characterization of multiple Gag-like human proteins. <i>Trends in Genetics</i> , 2006, 22, 585-589.	2.9	128
8	Drug-Induced Regulation of Target Expression. <i>PLoS Computational Biology</i> , 2010, 6, e1000925.	1.5	120
9	Characterization of drug-induced transcriptional modules: towards drug repositioning and functional understanding. <i>Molecular Systems Biology</i> , 2013, 9, 662.	3.2	110
10	Systematic identification of proteins that elicit drug side effects. <i>Molecular Systems Biology</i> , 2013, 9, 663.	3.2	110
11	HitPick: a web server for hit identification and target prediction of chemical screenings. <i>Bioinformatics</i> , 2013, 29, 1910-1912.	1.8	106
12	Statistical Model for Large-Scale Peptide Identification in Databases from Tandem Mass Spectra Using SEQUEST. <i>Analytical Chemistry</i> , 2004, 76, 6853-6860.	3.2	101
13	Effects of Metformin on Metabolite Profiles and LDL Cholesterol in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 1858-1867.	4.3	97
14	Large-scale prediction of drug-target relationships. <i>FEBS Letters</i> , 2008, 582, 1283-1290.	1.3	84
15	SIREs: searching for iron-responsive elements. <i>Nucleic Acids Research</i> , 2010, 38, W360-W367.	6.5	79
16	Transcriptional activation by AP-2alpha is modulated by the oncogene DEK. <i>Nucleic Acids Research</i> , 2003, 31, 1571-1575.	6.5	70
17	Transcription factor AP-2 activity is modulated by protein kinase A-mediated phosphorylation. <i>FEBS Letters</i> , 1999, 444, 27-31.	1.3	62
18	Identification and analysis of evolutionarily cohesive functional modules in protein networks. <i>Genome Research</i> , 2006, 16, 374-382.	2.4	60

#	ARTICLE	IF	CITATIONS
19	Protein coding potential of retroviruses and other transposable elements in vertebrate genomes. <i>Nucleic Acids Research</i> , 2005, 33, 946-954.	6.5	47
20	Specific interaction of heterogeneous nuclear ribonucleoprotein A1 with the -219T allelic form modulates APOE promoter activity. <i>Nucleic Acids Research</i> , 2003, 31, 3063-3070.	6.5	37
21	Systematic pharmacological screens uncover novel pathways involved in cerebral cavernous malformations. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	34
22	HitPickV2: a web server to predict targets of chemical compounds. <i>Bioinformatics</i> , 2019, 35, 1239-1240.	1.8	25
23	Role of CXCL13 in Asthma. <i>Chest</i> , 2012, 141, 886-894.	0.4	24
24	Identification of amino acid residues of transcription factor AP-2 involved in DNA binding 1 Edited by M. Yaniv. <i>Journal of Molecular Biology</i> , 2000, 301, 807-816.	2.0	20
25	Molecularly and clinically related drugs and diseases are enriched in phenotypically similar drug-disease pairs. <i>Genome Medicine</i> , 2014, 6, 52.	3.6	17
26	Systematic Identification of Pharmacological Targets from Small-Molecule Phenotypic Screens. <i>Cell Chemical Biology</i> , 2016, 23, 1302-1313.	2.5	11
27	Organ system heterogeneity DB: a database for the visualization of phenotypes at the organ system level. <i>Nucleic Acids Research</i> , 2015, 43, D900-D906.	6.5	10
28	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.	2.7	10
29	A Novel Drug-Mouse Phenotypic Similarity Method Detects Molecular Determinants of Drug Effects. <i>PLoS Computational Biology</i> , 2016, 12, e1005111.	1.5	9
30	Systematic analysis of gene properties influencing organ system phenotypes in mammalian perturbations. <i>Bioinformatics</i> , 2014, 30, 3093-3100.	1.8	8
31	Unveiling new biological relationships using shared hits of chemical screening assay pairs. <i>Bioinformatics</i> , 2014, 30, i579-i586.	1.8	7
32	Computational approaches for the study of the role of small molecules in diseases. <i>Perspectives in Science</i> , 2016, 9, 49-52.	0.6	3