

# Corey Nislow

## List of Publications by Year in descending order

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Version: 2024-02-01

197  
papers

21,395  
citations

15504

65  
h-index

10734

138  
g-index

220  
all docs

220  
docs citations

220  
times ranked

31086  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beta-cell specific <i>Insr</i> deletion promotes insulin hypersecretion and improves glucose tolerance prior to global insulin resistance. <i>Nature Communications</i> , 2022, 13, 735.	12.8	20
2	The cellular response to drug perturbation is limited: comparison of large-scale chemogenomic fitness signatures. <i>BMC Genomics</i> , 2022, 23, 197.	2.8	5
3	Experiment verification test of the Artemis I "Deep Space Radiation Genomics"™ experiment. <i>Acta Astronautica</i> , 2022, 198, 702-706.	3.2	4
4	Chemical "Genetic Interactions as a Means to Characterize Drug Synergy. <i>Methods in Molecular Biology</i> , 2021, 2381, 243-263.	0.9	2
5	Biological and therapeutic implications of a unique subtype of NPM1 mutated AML. <i>Nature Communications</i> , 2021, 12, 1054.	12.8	29
6	A genome-wide portrait of pervasive drug contaminants. <i>Scientific Reports</i> , 2021, 11, 12487.	3.3	4
7	Systematic Prediction of Antifungal Drug Synergy by Chemogenomic Screening in <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Fungal Biology</i> , 2021, 2, .	2.0	3
8	Effects of Inhaled Corticosteroid/Long-Acting $\beta_2$ -Agonist Combination on the Airway Microbiome of Patients with Chronic Obstructive Pulmonary Disease: A Randomized Controlled Clinical Trial (DISARM). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1143-1152.	5.6	44
9	Seven Years at High Salinity "Experimental Evolution of the Extremely Halotolerant Black Yeast <i>Hortaea werneckii</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 723.	3.5	8
10	Pharmacogenomics at the Point of Care: A Community Pharmacy Project in British Columbia. <i>Journal of Personalized Medicine</i> , 2021, 11, 11.	2.5	14
11	Characterization of the gut microbiome in a porcine model of thoracic spinal cord injury. <i>BMC Genomics</i> , 2021, 22, 775.	2.8	12
12	Interactively AUDIT Your Growth Curves with a Suite of R Packages. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 933-943.	1.8	7
13	A competence-regulated toxin-antitoxin system in <i>Haemophilus influenzae</i> . <i>PLoS ONE</i> , 2020, 15, e0217255.	2.5	5
14	Broad-spectrum antifungal activities and mechanism of drimane sesquiterpenoids. <i>Microbial Cell</i> , 2020, 7, 146-159.	3.2	13
15	Moonshot: Affordable, Simple, Flight Hardware for the Artemis-1 Mission and Beyond. <i>Frontiers in Space Technologies</i> , 2020, 1, .	1.4	2
16	Pharmacogenomic Testing: Clinical Evidence and Implementation Challenges. <i>Journal of Personalized Medicine</i> , 2019, 9, 40.	2.5	55
17	De novo pathogenic <i>DNM1L</i> variant in a patient diagnosed with atypical hereditary sensory and autonomic neuropathy. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2019, 7, e00961.	1.2	12
18	Heparanase protects the heart against chemical or ischemia/reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 131, 29-40.	1.9	13

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19	MicroRNA Biomarkers in Cerebrospinal Fluid and Serum Reflect Injury Severity in Human Acute Traumatic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2019, 36, 2358-2371.	3.4	46
20	PH-domain-binding inhibitors of nucleotide exchange factor BRAG2 disrupt Arf GTPase signaling. <i>Nature Chemical Biology</i> , 2019, 15, 358-366.	8.0	22
21	The Paf1 Complex Broadly Impacts the Transcriptome of <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2019, 212, 711-728.	2.9	10
22	Single-cell analysis for drug development using convex lens-induced confinement imaging. <i>BioTechniques</i> , 2019, 67, 210-217.	1.8	5
23	Sputum Microbiome Is Associated with 1-Year Mortality after Chronic Obstructive Pulmonary Disease Hospitalizations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1205-1213.	5.6	95
24	Network dynamics of the yeast methyltransferome. <i>Microbial Cell</i> , 2019, 6, 356-369.	3.2	1
25	Physical Forces Modulate Oxidative Status and Stress Defense Mediated Metabolic Adaptation of Yeast Colonies: Spaceflight and Microgravity Simulations. <i>Microgravity Science and Technology</i> , 2018, 30, 195-208.	1.4	10
26	Reducing insulin via conditional partial gene ablation in adults reverses diet-induced weight gain. <i>FASEB Journal</i> , 2018, 32, 1196-1206.	0.5	39
27	Idebenone and coenzyme Q10 are novel PPAR $\alpha$ ligands, with potential for treatment of fatty liver diseases. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	26
28	Insight into the Recent Genome Duplication of the Halophilic Yeast <i>Hortaea werneckii</i> : Combining an Improved Genome with Gene Expression and Chromatin Structure. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2015-2022.	1.8	39
29	Serum MicroRNAs Reflect Injury Severity in a Large Animal Model of Thoracic Spinal Cord Injury. <i>Scientific Reports</i> , 2017, 7, 1376.	3.3	52
30	Comparative functional genomic screens of three yeast deletion collections reveal unexpected effects of genotype in response to diverse stress. <i>Open Biology</i> , 2017, 7, 160330.	3.6	12
31	Phenotypic diversity and genotypic flexibility of <i>Burkholderia cenocepacia</i> during long-term chronic infection of cystic fibrosis lungs. <i>Genome Research</i> , 2017, 27, 650-662.	5.5	64
32	Genome-Wide Screen Reveals sec21 Mutants of <i>Saccharomyces cerevisiae</i> Are Methotrexate-Resistant. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 1251-1257.	1.8	3
33	Caryolan-1-ol, an antifungal volatile produced by <i>Streptomyces</i> spp., inhibits the endomembrane system of fungi. <i>Open Biology</i> , 2017, 7, 170075.	3.6	40
34	Reduced Circulating Insulin Enhances Insulin Sensitivity in Old Mice and Extends Lifespan. <i>Cell Reports</i> , 2017, 20, 451-463.	6.4	112
35	Heparanase Overexpression Induces Glucagon Resistance and Protects Animals From Chemically Induced Diabetes. <i>Diabetes</i> , 2017, 66, 45-57.	0.6	12
36	Novel Anti-Campylobacter Compounds Identified Using High Throughput Screening of a Pre-selected Enriched Small Molecules Library. <i>Frontiers in Microbiology</i> , 2016, 7, 405.	3.5	24

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37	Transformed Recombinant Enrichment Profiling Rapidly Identifies HMW1 as an Intracellular Invasion Locus in <i>Haemophilus influenzae</i> . <i>PLoS Pathogens</i> , 2016, 12, e1005576.	4.7	16
38	A Signaling Lipid Associated with Alzheimer's Disease Promotes Mitochondrial Dysfunction. <i>Scientific Reports</i> , 2016, 6, 19332.	3.3	25
39	Lichen-forming fungus <i>Caloplaca flavoruscens</i> inhibits transcription factors and chromatin remodeling system in fungi. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw113.	1.8	0
40	Functional Genomics Using the <i>Saccharomyces cerevisiae</i> Yeast Deletion Collections. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top080945.	0.3	2
41	Identification of Chemical-Genetic Interactions via Parallel Analysis of Barcoded Yeast Strains. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot088054.	0.3	4
42	Systematic Mapping of Chemical-Genetic Interactions in <i>Saccharomyces cerevisiae</i> . <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top077701.	0.3	5
43	Functional Profiling Using the <i>Saccharomyces</i> Genome Deletion Project Collections. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot088039.	0.3	1
44	A chemogenomic approach to understand the antifungal action of Lichen-derived vulpinic acid. <i>Journal of Applied Microbiology</i> , 2016, 121, 1580-1591.	3.1	7
45	Dual action antifungal small molecule modulates multidrug efflux and TOR signaling. <i>Nature Chemical Biology</i> , 2016, 12, 867-875.	8.0	79
46	Signaling pathways coordinating the alkaline pH response confer resistance to the hevein-type plant antimicrobial peptide Pn-AMP1 in <i>Saccharomyces cerevisiae</i> . <i>Planta</i> , 2016, 244, 1229-1240.	3.2	3
47	The bronchial epithelial cell bacterial microbiome and host response in patients infected with human immunodeficiency virus. <i>BMC Pulmonary Medicine</i> , 2016, 16, 142.	2.0	8
48	Open Source Drug Discovery: Highly Potent Antimalarial Compounds Derived from the Tres Cantos Arylpyrroles. <i>ACS Central Science</i> , 2016, 2, 687-701.	11.3	68
49	Microbial and biochemical basis of a <i>Fusarium</i> wilt-suppressive soil. <i>ISME Journal</i> , 2016, 10, 119-129.	9.8	355
50	Chromosome-wide histone deacetylation by sirtuins prevents hyperactivation of DNA damage-induced signaling upon replicative stress. <i>Nucleic Acids Research</i> , 2016, 44, 2706-2726.	14.5	27
51	Reduced Insulin Production Relieves Endoplasmic Reticulum Stress and Induces $\beta$ Cell Proliferation. <i>Cell Metabolism</i> , 2016, 23, 179-193.	16.2	160
52	Reverse Chemical Genetics: Comprehensive Fitness Profiling Reveals the Spectrum of Drug Target Interactions. <i>PLoS Genetics</i> , 2016, 12, e1006275.	3.5	13
53	Using <i>C. elegans</i> Forward and Reverse Genetics to Identify New Compounds with Anthelmintic Activity. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005058.	3.0	45
54	Discovery of novel small molecule modulators of <i>Clavibacter michiganensis</i> subsp. <i>michiganensis</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1127.	3.5	18

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55	Genes Required for Survival in Microgravity Revealed by Genome-Wide Yeast Deletion Collections Cultured during Spaceflight. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	23
56	Endophytic colonization of barley ( <i>Hordeum vulgare</i> ) roots by the nematophagous fungus <i>Pochonia chlamydosporia</i> reveals plant growth promotion and a general defense and stress transcriptomic response. <i>Journal of Plant Research</i> , 2015, 128, 665-678.	2.4	73
57	Identification of a New Class of Antifungals Targeting the Synthesis of Fungal Sphingolipids. <i>MBio</i> , 2015, 6, e00647.	4.1	124
58	Select microtubule inhibitors increase lysosome acidity and promote lysosomal disruption in acute myeloid leukemia (AML) cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2015, 20, 948-959.	4.9	22
59	Complementation of Yeast Genes with Human Genes as an Experimental Platform for Functional Testing of Human Genetic Variants. <i>Genetics</i> , 2015, 201, 1263-1274.	2.9	77
60	<i>Caenorhabditis elegans</i> is a useful model for anthelmintic discovery. <i>Nature Communications</i> , 2015, 6, 7485.	12.8	163
61	14-3-3 $\sigma$ coordinates adipogenesis of visceral fat. <i>Nature Communications</i> , 2015, 6, 7671.	12.8	62
62	An Updated Collection of Sequence Barcoded Temperature-Sensitive Alleles of Yeast Essential Genes. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1879-1887.	1.8	38
63	Absence of Activation of DNA Repair Genes and Excellent Efficacy of Phosphaplatins against Human Ovarian Cancers: Implications To Treat Resistant Cancers. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8387-8401.	6.4	18
64	Transcriptome analysis of <i>Campylobacter jejuni</i> polyphosphate kinase ( <i>ppk1</i> and <i>ppk2</i> ) mutants. <i>Virulence</i> , 2015, 6, 814-818.	4.4	14
65	Global Analysis of the Fungal Microbiome in Cystic Fibrosis Patients Reveals Loss of Function of the Transcriptional Repressor <i>Nrg1</i> as a Mechanism of Pathogen Adaptation. <i>PLoS Pathogens</i> , 2015, 11, e1005308.	4.7	74
66	Genome-wide RNAi analysis reveals that simultaneous inhibition of specific mevalonate pathway genes potentiates tumor cell death. <i>Oncotarget</i> , 2015, 6, 26909-26921.	1.8	52
67	GC-Rich DNA Elements Enable Replication Origin Activity in the Methylophilic Yeast <i>Pichia pastoris</i> . <i>PLoS Genetics</i> , 2014, 10, e1004169.	3.5	44
68	Complete Genome Sequence of <i>Haemophilus influenzae</i> Strain 375 from the Middle Ear of a Pediatric Patient with Otitis Media. <i>Genome Announcements</i> , 2014, 2, .	0.8	14
69	A unified model for yeast transcript definition. <i>Genome Research</i> , 2014, 24, 154-166.	5.5	20
70	Broad metabolic sensitivity profiling of a prototrophic yeast deletion collection. <i>Genome Biology</i> , 2014, 15, R64.	9.6	57
71	Sequencing and functional analysis of the genome of a nematode egg-parasitic fungus, <i>Pochonia chlamydosporia</i> . <i>Fungal Genetics and Biology</i> , 2014, 65, 69-80.	2.1	105
72	Mapping the Cellular Response to Small Molecules Using Chemogenomic Fitness Signatures. <i>Science</i> , 2014, 344, 208-211.	12.6	217

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73	CHIP-MYTH: A novel interactive proteomics method for the assessment of agonist-dependent interactions of the human $\beta$ 2-adrenergic receptor. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 746-756.	2.1	17
74	Large-Scale Identification and Analysis of Suppressive Drug Interactions. <i>Chemistry and Biology</i> , 2014, 21, 541-551.	6.0	27
75	The Yeast Deletion Collection: A Decade of Functional Genomics. <i>Genetics</i> , 2014, 197, 451-465.	2.9	402
76	A genome scale overexpression screen to reveal drug activity in human cells. <i>Genome Medicine</i> , 2014, 6, 32.	8.2	29
77	PITPs as targets for selectively interfering with phosphoinositide signaling in cells. <i>Nature Chemical Biology</i> , 2014, 10, 76-84.	8.0	39
78	DNA-Damaging Agents in Cancer Chemotherapy: Serendipity and Chemical Biology. <i>Chemistry and Biology</i> , 2013, 20, 648-659.	6.0	465
79	A High-Throughput Yeast Assay Identifies Synergistic Drug Combinations. <i>Assay and Drug Development Technologies</i> , 2013, 11, 299-307.	1.2	18
80	Effects of the Paf1 Complex and Histone Modifications on snoRNA 3' End Formation Reveal Broad and Locus-Specific Regulation. <i>Molecular and Cellular Biology</i> , 2013, 33, 170-182.	2.3	22
81	Chemogenomic Profiling. , 2013, , 153-176.		3
82	A Novel Small Molecule Methyltransferase Is Important for Virulence in <i>Candida albicans</i> . <i>ACS Chemical Biology</i> , 2013, 8, 2785-2793.	3.4	7
83	A Compendium of Nucleosome and Transcript Profiles Reveals Determinants of Chromatin Architecture and Transcription. <i>PLoS Genetics</i> , 2013, 9, e1003479.	3.5	125
84	Genetic and Genomic Architecture of the Evolution of Resistance to Antifungal Drug Combinations. <i>PLoS Genetics</i> , 2013, 9, e1003390.	3.5	90
85	Conserved Substitution Patterns around Nucleosome Footprints in Eukaryotes and Archaea Derive from Frequent Nucleosome Repositioning through Evolution. <i>PLoS Computational Biology</i> , 2013, 9, e1003373.	3.2	13
86	Miniature Short Hairpin RNA Screens to Characterize Antiproliferative Drugs. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1375-1387.	1.8	5
87	Reconstitution and characterization of eukaryotic N6-threonylcarbamoylation of tRNA using a minimal enzyme system. <i>Nucleic Acids Research</i> , 2013, 41, 6332-6346.	14.5	68
88	Chemical Genomic Screening of a <i>Saccharomyces cerevisiae</i> Genomewide Mutant Collection Reveals Genes Required for Defense against Four Antimicrobial Peptides Derived from Proteins Found in Human Saliva. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 840-847.	3.2	13
89	Global analysis of SUMO chain function reveals multiple roles in chromatin regulation. <i>Journal of Cell Biology</i> , 2013, 201, 145-163.	5.2	58
90	Lysosomal disruption preferentially targets acute myeloid leukemia cells and progenitors. <i>Journal of Clinical Investigation</i> , 2013, 123, 315-328.	8.2	117

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91	Whole Genome Duplication and Enrichment of Metal Cation Transporters Revealed by De Novo Genome Sequencing of Extremely Halotolerant Black Yeast <i>Hortaea werneckii</i> . <i>PLoS ONE</i> , 2013, 8, e71328.	2.5	96
92	The role of the Paf1 complex in controlling transcription-coupled histone modifications. <i>FASEB Journal</i> , 2013, 27, 324.3.	0.5	0
93	Characterization of snoRNA 3' terminal formation in <i>Saccharomyces cerevisiae</i> reveals a broad role for the Paf1 complex and locus-specific roles for histone post-translational modifications. <i>FASEB Journal</i> , 2013, 27, lb97.	0.5	0
94	Functional Analysis With a Barcoder Yeast Gene Overexpression System. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1279-1289.	1.8	72
95	Genome Sequence of <i>Shigella flexneri</i> Serotype 5a Strain M90T Sm. <i>Journal of Bacteriology</i> , 2012, 194, 3022-3022.	2.2	38
96	Barcode Sequencing for Understanding Drug-Gene Interactions. <i>Methods in Molecular Biology</i> , 2012, 910, 55-69.	0.9	14
97	Genome-wide analysis of intracellular pH reveals quantitative control of cell division rate by pHc in <i>Saccharomyces cerevisiae</i> . <i>Genome Biology</i> , 2012, 13, R80.	9.6	139
98	A novel calcineurin-independent activity of cyclosporin A in <i>Saccharomyces cerevisiae</i> . <i>Molecular BioSystems</i> , 2012, 8, 2575.	2.9	6
99	Target Identification by Chromatographic Co-elution: Monitoring of Drug-Protein Interactions without Immobilization or Chemical Derivatization. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.016642-1-M111.016642-14.	3.8	43
100	Comparative Chemogenomics To Examine the Mechanism of Action of DNA-Targeted Platinum-Acridine Anticancer Agents. <i>ACS Chemical Biology</i> , 2012, 7, 1892-1901.	3.4	39
101	Dissecting DNA damage response pathways by analysing protein localization and abundance changes during DNA replication stress. <i>Nature Cell Biology</i> , 2012, 14, 966-976.	10.3	431
102	Global Gene Deletion Analysis Exploring Yeast Filamentous Growth. <i>Science</i> , 2012, 337, 1353-1356.	12.6	186
103	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
104	Timing of Transcriptional Quiescence during Gametogenesis Is Controlled by Global Histone H3K4 Demethylation. <i>Developmental Cell</i> , 2012, 23, 1059-1071.	7.0	29
105	An algorithm for chemical genomic profiling that minimizes batch effects: bucket evaluations. <i>BMC Bioinformatics</i> , 2012, 13, 245.	2.6	2
106	A phenotypic screening platform to identify small molecule modulators of <i>Chlamydomonas reinhardtii</i> growth, motility and photosynthesis. <i>Genome Biology</i> , 2012, 13, R105.	9.6	15
107	Chromatin is an ancient innovation conserved between Archaea and Eukarya. <i>ELife</i> , 2012, 1, e00078.	6.0	78
108	Bugs, drugs and chemical genomics. <i>Nature Chemical Biology</i> , 2012, 8, 46-56.	8.0	130

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109	Identification of yeast genes that confer resistance to chitosan oligosaccharide (COS) using chemogenomics. <i>BMC Genomics</i> , 2012, 13, 267.	2.8	50
110	Genomic Approaches for Determining Nucleosome Occupancy in Yeast. <i>Methods in Molecular Biology</i> , 2012, 833, 389-411.	0.9	6
111	Mitochondrial Electron Transport Is the Cellular Target of the Oncology Drug Elesclomol. <i>PLoS ONE</i> , 2012, 7, e29798.	2.5	105
112	The synthetic genetic interaction network reveals small molecules that target specific pathways in <i>Sacchomyces cerevisiae</i> . <i>Molecular BioSystems</i> , 2011, 7, 2019.	2.9	8
113	Displaying Chemical Information on a Biological Network Using Cytoscape. <i>Methods in Molecular Biology</i> , 2011, 781, 363-376.	0.9	7
114	Systematic exploration of synergistic drug pairs. <i>Molecular Systems Biology</i> , 2011, 7, 544.	7.2	284
115	Dafadine inhibits DAF-9 to promote dauer formation and longevity of <i>Caenorhabditis elegans</i> . <i>Nature Chemical Biology</i> , 2011, 7, 891-893.	8.0	27
116	Design, Synthesis and Characterization of a Highly Effective Inhibitor for Analog-Sensitive (as) Kinases. <i>PLoS ONE</i> , 2011, 6, e20789.	2.5	7
117	Competitive Genomic Screens of Barcoded Yeast Libraries. <i>Journal of Visualized Experiments</i> , 2011, , .	0.3	28
118	Knocking out multigene redundancies via cycles of sexual assortment and fluorescence selection. <i>Nature Methods</i> , 2011, 8, 159-164.	19.0	74
119	The SWI/SNF complex acts to constrain distribution of the centromeric histone variant Cse4. <i>EMBO Journal</i> , 2011, 30, 1919-1927.	7.8	47
120	Systematic exploration of essential yeast gene function with temperature-sensitive mutants. <i>Nature Biotechnology</i> , 2011, 29, 361-367.	17.5	352
121	Dosage suppression genetic interaction networks enhance functional wiring diagrams of the cell. <i>Nature Biotechnology</i> , 2011, 29, 505-511.	17.5	90
122	New azole antifungal agents with novel modes of action: Synthesis and biological studies of new tridentate ligands based on pyrazole and triazole. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 4117-4124.	5.5	68
123	Inhibition of Mitochondrial Translation as a Therapeutic Strategy for Human Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2011, 20, 674-688.	16.8	546
124	Compound Prioritization Methods Increase Rates of Chemical Probe Discovery in Model Organisms. <i>Chemistry and Biology</i> , 2011, 18, 1273-1283.	6.0	41
125	A comprehensive platform for highly multiplexed mammalian functional genetic screens. <i>BMC Genomics</i> , 2011, 12, 213.	2.8	31
126	Nucleosome-coupled expression differences in closely-related species. <i>BMC Genomics</i> , 2011, 12, 466.	2.8	7



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127	Curcumin Inhibits Growth of <i>Saccharomyces cerevisiae</i> through Iron Chelation. <i>Eukaryotic Cell</i> , 2011, 10, 1574-1581.	3.4	40
128	A Global Perspective of the Genetic Basis for Carbonyl Stress Resistance. <i>G3: Genes, Genomes, Genetics</i> , 2011, 1, 219-231.	1.8	25
129	Restriction of histone gene transcription to S phase by phosphorylation of a chromatin boundary protein. <i>Genes and Development</i> , 2011, 25, 2489-2501.	5.9	40
130	Evolution of Nucleosome Occupancy: Conservation of Global Properties and Divergence of Gene-Specific Patterns. <i>Molecular and Cellular Biology</i> , 2011, 31, 4348-4355.	2.3	28
131	Extensive role of the general regulatory factors, Abf1 and Rap1, in determining genome-wide chromatin structure in budding yeast. <i>Nucleic Acids Research</i> , 2011, 39, 2032-2044.	14.5	107
132	Multiple Means to the Same End: The Genetic Basis of Acquired Stress Resistance in Yeast. <i>PLoS Genetics</i> , 2011, 7, e1002353.	3.5	91
133	A Systems Biology Approach Reveals the Role of a Novel Methyltransferase in Response to Chemical Stress and Lipid Homeostasis. <i>PLoS Genetics</i> , 2011, 7, e1002332.	3.5	21
134	Response to "The Reality of Pervasive Transcription" <i>PLoS Biology</i> , 2011, 9, e1001102.	5.6	30
135	The Automated Cell: Compound and Environment Screening System (ACCESS) for Chemogenomic Screening. <i>Methods in Molecular Biology</i> , 2011, 759, 239-269.	0.9	25
136	Signature-tagged Mutagenesis to Characterize Genes Through Competitive Selection of Bar-coded Genome Libraries. <i>Methods in Molecular Biology</i> , 2011, 765, 225-252.	0.9	4
137	Design, Synthesis, and Characterization of a Highly Effective Hog1 Inhibitor: A Powerful Tool for Analyzing MAP Kinase Signaling in Yeast. <i>PLoS ONE</i> , 2011, 6, e20012.	2.5	23
138	Lysosomal Disruption Selectively Targets Leukemia Cells and Leukemia Stem Cells Through A Mechanism Related to Increased Reactive Oxygen Species Production. <i>Blood</i> , 2011, 118, 61-61.	1.4	5
139	Inhibition of Mitochondrial Translation As a Therapeutic Strategy for Acute Myeloid Leukemia (AML). <i>Blood</i> , 2011, 118, 233-233.	1.4	0
140	The Genetic Landscape of a Cell. <i>Science</i> , 2010, 327, 425-431.	12.6	1,937
141	A survey of yeast genomic assays for drug and target discovery. , 2010, 127, 156-164.		108
142	A predictive model for drug bioaccumulation and bioactivity in <i>Caenorhabditis elegans</i> . <i>Nature Chemical Biology</i> , 2010, 6, 549-557.	8.0	164
143	Diversity of Eukaryotic DNA Replication Origins Revealed by Genome-Wide Analysis of Chromatin Structure. <i>PLoS Genetics</i> , 2010, 6, e1001092.	3.5	133
144	Integrating high-throughput genetic interaction mapping and high-content screening to explore yeast spindle morphogenesis. <i>Journal of Cell Biology</i> , 2010, 188, 69-81.	5.2	100

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145	A universal TagModule collection for parallel genetic analysis of microorganisms. <i>Nucleic Acids Research</i> , 2010, 38, e146-e146.	14.5	54
146	Highly-multiplexed barcode sequencing: an efficient method for parallel analysis of pooled samples. <i>Nucleic Acids Research</i> , 2010, 38, e142-e142.	14.5	184
147	Genome-Wide Screen in <i>Saccharomyces cerevisiae</i> Identifies Vacuolar Protein Sorting, Autophagy, Biosynthetic, and tRNA Methylation Genes Involved in Life Span Regulation. <i>PLoS Genetics</i> , 2010, 6, e1001024.	3.5	144
148	Gene Annotation and Drug Target Discovery in <i>Candida albicans</i> with a Tagged Transposon Mutant Collection. <i>PLoS Pathogens</i> , 2010, 6, e1001140.	4.7	85
149	Endosomal protein sorting and autophagy genes contribute to the regulation of yeast life span. <i>Autophagy</i> , 2010, 6, 1227-1228.	9.1	7
150	Exploring Gene Function and Drug Action Using Chemogenomic Dosage Assays. <i>Methods in Enzymology</i> , 2010, 470, 233-255.	1.0	27
151	Recent advances and method development for drug target identification. <i>Trends in Pharmacological Sciences</i> , 2010, 31, 82-88.	8.7	102
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