

# Lilia Alberghina

## List of Publications by Year in descending order

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262  
papers

10,343  
citations

38720

50  
h-index

53190

85  
g-index

273  
all docs

273  
docs citations

273  
times ranked

10210  
citing authors

#	ARTICLE	IF	CITATIONS
1	INTEGRATE: Model-based multi-omics data integration to characterize multi-level metabolic regulation. <i>PLoS Computational Biology</i> , 2022, 18, e1009337.	1.5	24
2	CDK12 promotes tumorigenesis but induces vulnerability to therapies inhibiting folate one-carbon metabolism in breast cancer. <i>Nature Communications</i> , 2022, 13, 2642.	5.8	15
3	Methotrexate inhibits SARS-CoV-2 virus replication <i>in vitro</i> . <i>Journal of Medical Virology</i> , 2021, 93, 1780-1785.	2.5	38
4	Transcriptomics and Metabolomics Integration Reveals Redox-Dependent Metabolic Rewiring in Breast Cancer Cells. <i>Cancers</i> , 2021, 13, 5058.	1.7	10
5	From computational genomics to systems metabolomics for precision cancer medicine and drug discovery. <i>Pharmacological Research</i> , 2020, 151, 104479.	3.1	1
6	Fuzzy modeling and global optimization to predict novel therapeutic targets in cancer cells. <i>Bioinformatics</i> , 2020, 36, 2181-2188.	1.8	10
7	Disruption of redox homeostasis for combinatorial drug efficacy in K-Ras tumors as revealed by metabolic connectivity profiling. <i>Cancer &amp; Metabolism</i> , 2020, 8, 22.	2.4	10
8	ROS networks: designs, aging, Parkinson's disease and precision therapies. <i>Npj Systems Biology and Applications</i> , 2020, 6, 34.	1.4	50
9	Neurons, Glia, Extracellular Matrix and Neurovascular Unit: A Systems Biology Approach to the Complexity of Synaptic Plasticity in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1539.	1.8	64
10	Systems metabolomics: from metabolomic snapshots to design principles. <i>Current Opinion in Biotechnology</i> , 2020, 63, 190-199.	3.3	36
11	Nicotinamide, Nicotinamide Riboside and Nicotinic Acid—Emerging Roles in Replicative and Chronological Aging in Yeast. <i>Biomolecules</i> , 2020, 10, 604.	1.8	14
12	Single-cell Digital Twins for Cancer Preclinical Investigation. <i>Methods in Molecular Biology</i> , 2020, 2088, 331-343.	0.4	17
13	Differential Modulation of NF- $\kappa$ B in Neurons and Astrocytes Underlies Neuroprotection and Antigliosis Activity of Natural Antioxidant Molecules. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	24
14	Integration of single-cell RNA-seq data into population models to characterize cancer metabolism. <i>PLoS Computational Biology</i> , 2019, 15, e1006733.	1.5	70
15	Qualitative behavior of a coarse-grain growth model. , 2019, , .		1
16	Neural plasticity and adult neurogenesis: the deep biology perspective. <i>Neural Regeneration Research</i> , 2019, 14, 201.	1.6	26
17	An Integrated Model Quantitatively Describing Metabolism, Growth and Cell Cycle in Budding Yeast. <i>Communications in Computer and Information Science</i> , 2018, , 165-180.	0.4	3
18	Differentiation by nerve growth factor (NGF) involves mechanisms of crosstalk between energy homeostasis and mitochondrial remodeling. <i>Cell Death and Disease</i> , 2018, 9, 391.	2.7	53

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19	Modeling Biological Timing and Synchronization Mechanisms by Means of Interconnections of Stochastic Switches. , 2018, 2, 19-24.		2
20	Neuro-Immune Hemostasis: Homeostasis and Diseases in the Central Nervous System. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 459.	1.8	98
21	Methionine supplementation stimulates mitochondrial respiration. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1901-1913.	1.9	17
22	A metabolic core model elucidates how enhanced utilization of glucose and glutamine, with enhanced glutamine-dependent lactate production, promotes cancer cell growth: The WarburQ effect. <i>PLoS Computational Biology</i> , 2017, 13, e1005758.	1.5	64
23	Strategies for structuring interdisciplinary education in Systems Biology: an European perspective. <i>Npj Systems Biology and Applications</i> , 2016, 2, 16011.	1.4	21
24	Modulation of Matrix Metalloproteinases Activity in the Ventral Horn of the Spinal Cord Re-stores Neuroglial Synaptic Homeostasis and Neurotrophic Support following Peripheral Nerve Injury. <i>PLoS ONE</i> , 2016, 11, e0152750.	1.1	26
25	Rotenone down-regulates HSPA8/hsc70 chaperone protein in vitro : A new possible toxic mechanism contributing to Parkinsonâ€™s disease. <i>NeuroToxicology</i> , 2016, 54, 161-169.	1.4	30
26	Respiratory metabolism and calorie restriction relieve persistent endoplasmic reticulum stress induced by calcium shortage in yeast. <i>Scientific Reports</i> , 2016, 6, 27942.	1.6	11
27	Whi5 phosphorylation embedded in the G1/S network dynamically controls critical cell size and cell fate. <i>Nature Communications</i> , 2016, 7, 11372.	5.8	35
28	Comparing Alzheimerâ€™s and Parkinsonâ€™s diseases networks using graph communities structure. <i>BMC Systems Biology</i> , 2016, 10, 25.	3.0	28
29	Zooming-in on cancer metabolic rewiring with tissue specific constraint-based models. <i>Computational Biology and Chemistry</i> , 2016, 62, 60-69.	1.1	36
30	Astrocytes and Microglia-Mediated Immune Response in Maladaptive Plasticity is Differently Modulated by NGF in the Ventral Horn of the Spinal Cord Following Peripheral Nerve Injury. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 37-46.	1.7	34
31	Protein Kinase A Activation Promotes Cancer Cell Resistance to Glucose Starvation and Anoikis. <i>PLoS Genetics</i> , 2016, 12, e1005931.	1.5	61
32	Divergent in vitro/in vivo responses to drug treatments of highly aggressive NIH-Ras cancer cells: a PET imaging and metabolomics-mass-spectrometry study. <i>Oncotarget</i> , 2016, 7, 52017-52031.	0.8	11
33	Neuroprotection by Cocktails of Dietary Antioxidants under Conditions of Nerve Growth Factor Deprivation. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-15.	1.9	18
34	Purinergic Modulation of Spinal Neuroglial Maladaptive Plasticity Following Peripheral Nerve Injury. <i>Molecular Neurobiology</i> , 2015, 52, 1440-1457.	1.9	40
35	The transcription factor Swi4 is target for PKA regulation of cell size at the G <sub>1</sub> to S transition in <i>Saccharomyces cerevisiae</i> . <i>Cell Cycle</i> , 2015, 14, 2429-2438.	1.3	20
36	Enhanced amino acid utilization sustains growth of cells lacking Snf1/AMPK. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1615-1625.	1.9	29

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37	New Insights into the Connection Between Histone Deacetylases, Cell Metabolism, and Cancer. Antioxidants and Redox Signaling, 2015, 23, 30-50.	2.5	11
38	Computational Strategies for a System-Level Understanding of Metabolism. Metabolites, 2014, 4, 1034-1087.	1.3	54
39	Redox control of glutamine utilization in cancer. Cell Death and Disease, 2014, 5, e1561-e1561.	2.7	113
40	Astrocyte-neuron interplay in maladaptive plasticity. Neuroscience and Biobehavioral Reviews, 2014, 42, 35-54.	2.9	89
41	An ensemble evolutionary constraint-based approach to understand the emergence of metabolic phenotypes. Natural Computing, 2014, 13, 321-331.	1.8	18
42	Astrogliosis as a therapeutic target for neurodegenerative diseases. Neuroscience Letters, 2014, 565, 59-64.	1.0	136
43	A Systems Biology Road Map for the Discovery of Drugs Targeting Cancer Cell Metabolism. Current Pharmaceutical Design, 2014, 20, 2648-2666.	0.9	11
44	Snf1/AMPK promotes SBF and MBF-dependent transcription in budding yeast. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 3254-3264.	1.9	20
45	Remodelling of supraspinal neuroglial network in neuropathic pain is featured by a reactive gliosis of the nociceptive amygdala. European Journal of Pain, 2013, 17, 799-810.	1.4	34
46	Oncogenic K-ras expression is associated with derangement of the cAMP/PKA pathway and forskolin-reversible alterations of mitochondrial dynamics and respiration. Oncogene, 2013, 32, 352-362.	2.6	54
47	Protein Kinase CK2 Holoenzyme Promotes Start-Specific Transcription in Saccharomyces cerevisiae. Eukaryotic Cell, 2013, 12, 1271-1280.	3.4	7
48	Glucose starvation induces cell death in K-ras-transformed cells by interfering with the hexosamine biosynthesis pathway and activating the unfolded protein response. Cell Death and Disease, 2013, 4, e732-e732.	2.7	70
49	A comparative study of Whi5 and retinoblastoma proteins: from sequence and structure analysis to intracellular networks. Frontiers in Physiology, 2013, 4, 315.	1.3	17
50	Cancer cell growth and survival as a system-level property sustained by enhanced glycolysis and mitochondrial metabolic remodeling. Frontiers in Physiology, 2012, 3, 362.	1.3	24
51	A surface-activated chemical ionization approach allows quantitative phosphorylation analysis of the cyclin-dependent kinase inhibitor Sic1 phosphorylated on Ser201. Rapid Communications in Mass Spectrometry, 2012, 26, 1527-1532.	0.7	2
52	BB14, a Nerve Growth Factor (NGF)-like peptide shown to be effective in reducing reactive astrogliosis and restoring synaptic homeostasis in a rat model of peripheral nerve injury. Biotechnology Advances, 2012, 30, 223-232.	6.0	41
53	Novel RasGRF1-derived Tat-fused peptides inhibiting Ras-dependent proliferation and migration in mouse and human cancer cells. Biotechnology Advances, 2012, 30, 233-243.	6.0	19
54	Integrative transcriptional analysis between human and mouse cancer cells provides a common set of transformation associated genes. Biotechnology Advances, 2012, 30, 16-29.	6.0	7

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55	Targeting reactive astrogliosis by novel biotechnological strategies. <i>Biotechnology Advances</i> , 2012, 30, 261-271.	6.0	42
56	From cancer metabolism to new biomarkers and drug targets. <i>Biotechnology Advances</i> , 2012, 30, 30-51.	6.0	62
57	Cell growth and cell cycle in <i>Saccharomyces cerevisiae</i> : Basic regulatory design and protein-protein interaction network. <i>Biotechnology Advances</i> , 2012, 30, 52-72.	6.0	48
58	Regulation of hSos1 activity is a system-level property generated by its multi-domain structure. <i>Biotechnology Advances</i> , 2012, 30, 154-168.	6.0	8
59	Overexpression of Far1, a cyclin-dependent kinase inhibitor, induces a large transcriptional reprogramming in which RNA synthesis senses Far1 in a Sfp1-mediated way. <i>Biotechnology Advances</i> , 2012, 30, 185-201.	6.0	8
60	Comparative analysis of the molecular mechanisms controlling the initiation of chromosomal DNA replication in yeast and in mammalian cells. <i>Biotechnology Advances</i> , 2012, 30, 73-98.	6.0	22
61	Systems biology for biomedical innovation. <i>Biotechnology Advances</i> , 2012, 30, 1-3.	6.0	6
62	Compaction Properties of an Intrinsically Disordered Protein: Sic1 and Its Kinase-Inhibitor Domain. <i>Biophysical Journal</i> , 2011, 100, 2243-2252.	0.2	62
63	Nutritional Limitation Sensitizes Mammalian Cells to GSK-3 $\beta$ Inhibitors and Leads to Growth Impairment. <i>American Journal of Pathology</i> , 2011, 178, 1814-1823.	1.9	10
64	Oncogenic K $\alpha$ Ras decouples glucose and glutamine metabolism to support cancer cell growth. <i>Molecular Systems Biology</i> , 2011, 7, 523.	3.2	404
65	Reactive astrogliosis-induced perturbation of synaptic homeostasis is restored by nerve growth factor. <i>Neurobiology of Disease</i> , 2011, 41, 630-639.	2.1	50
66	Electrospray ionization-mass spectrometry conformational analysis of isolated domains of an intrinsically disordered protein. <i>Biotechnology Journal</i> , 2011, 6, 96-100.	1.8	22
67	Crosstalk between cell cycle induction and mitochondrial dysfunction during oxidative stress and nerve growth factor withdrawal in differentiated PC12 cells. <i>Journal of Neuroscience Research</i> , 2011, 89, 1302-1315.	1.3	18
68	An Acidic Loop and Cognate Phosphorylation Sites Define a Molecular Switch That Modulates Ubiquitin Charging Activity in Cdc34-Like Enzymes. <i>PLoS Computational Biology</i> , 2011, 7, e1002056.	1.5	29
69	Intrathecal NGF Administration Reduces Reactive Astrogliosis and Changes Neurotrophin Receptors Expression Pattern in a Rat Model of Neuropathic Pain. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 51-62.	1.7	67
70	Timing control in regulatory networks by multisite protein modifications. <i>Trends in Cell Biology</i> , 2010, 20, 634-641.	3.6	31
71	Mitochondrial Complex I decrease is responsible for bioenergetic dysfunction in K-ras transformed cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 314-323.	0.5	119
72	Sir2-dependent asymmetric segregation of damaged proteins in ubp10 null mutants is independent of genomic silencing. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2010, 1803, 630-638.	1.9	20

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73	Proteomics and systems biology to tackle biological complexity: Yeast as a case study. <i>Proteomics</i> , 2010, 10, 4337-4341.	1.3	5
74	Glucose Signaling-Mediated Coordination of Cell Growth and Cell Cycle in <i>Saccharomyces Cerevisiae</i> . <i>Sensors</i> , 2010, 10, 6195-6240.	2.1	102
75	Mathematical Modelling of DNA Replication Reveals a Trade-off between Coherence of Origin Activation and Robustness against Rereplication. <i>PLoS Computational Biology</i> , 2010, 6, e1000783.	1.5	37
76	Snf1/AMPK promotes S-phase entrance by controlling <i>CLB5</i> transcription in budding yeast. <i>Cell Cycle</i> , 2010, 9, 2189-2200.	1.3	30
77	Networks and circuits in cell regulation. <i>Biochemical and Biophysical Research Communications</i> , 2010, 396, 881-886.	1.0	6
78	CK2 activity is modulated by growth rate in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2010, 398, 44-50.	1.0	12
79	The Insulin-Like Growth Factor Receptor I Promotes Motility and Invasion of Bladder Cancer Cells through Akt- and Mitogen-Activated Protein Kinase-Dependent Activation of Paxillin. <i>American Journal of Pathology</i> , 2010, 176, 2997-3006.	1.9	91
80	Glutamine Deprivation Induces Abortive S-Phase Rescued by Deoxyribonucleotides in K-Ras Transformed Fibroblasts. <i>PLoS ONE</i> , 2009, 4, e4715.	1.1	131
81	Data recovery and integration from public databases uncovers transformation-specific transcriptional downregulation of cAMP-PKA pathway-encoding genes. <i>BMC Bioinformatics</i> , 2009, 10, S1.	1.2	6
82	Towards a systems biology approach to mammalian cell cycle: modeling the entrance into S phase of quiescent fibroblasts after serum stimulation. <i>BMC Bioinformatics</i> , 2009, 10, S16.	1.2	37
83	Systems biology of the cell cycle of <i>Saccharomyces cerevisiae</i> : From network mining to system-level properties. <i>Biotechnology Advances</i> , 2009, 27, 960-978.	6.0	31
84	Analysis and modeling of growing budding yeast populations at the single cell level. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 114-120.	1.1	37
85	Order propensity of an intrinsically disordered protein, the cyclin-dependent kinase inhibitor Sic1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2009, 76, 731-746.	1.5	64
86	Molecular networks and system-level properties. <i>Journal of Biotechnology</i> , 2009, 144, 224-233.	1.9	37
87	Systems Biology for biotechnological innovation. <i>Journal of Biotechnology</i> , 2009, 144, 165-166.	1.9	2
88	Sequence of the lid affects activity and specificity of <i>Candida rugosa</i> lipase isoenzymes. <i>Protein Science</i> , 2009, 12, 2312-2319.	3.1	119
89	Unscrambling thermal stability and temperature adaptation in evolved variants of a cold-active lipase. <i>FEBS Letters</i> , 2008, 582, 2313-2318.	1.3	20
90	Systems biology of the yeast cell cycle. <i>Journal of Biotechnology</i> , 2008, 136, S20.	1.9	0

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91	The CK2 phosphorylation of catalytic domain of Cdc34 modulates its activity at the G <sub>1</sub> to S transition in <i>Saccharomyces cerevisiae</i> . <i>Cell Cycle</i> , 2008, 7, 1391-1401.	1.3	44
92	A New Nerve Growth Factor-Mimetic Peptide Active on Neuropathic Pain in Rats. <i>Journal of Neuroscience</i> , 2008, 28, 2698-2709.	1.7	107
93	Different Types of Cell Death in Organismal Aging and Longevity: State of the Art and Possible Systems Biology Approach. <i>Current Pharmaceutical Design</i> , 2008, 14, 226-236.	0.9	11
94	Proteomic Analysis of a Nutritional Shift-up in <i>Saccharomyces cerevisiae</i> Identifies Gyp36 as a BAR-containing Protein Involved in Vesicular Traffic and Nutritional Adaptation. <i>Journal of Biological Chemistry</i> , 2008, 283, 4730-4743.	1.6	15
95	Cell Size at S Phase Initiation: An Emergent Property of the G <sub>1</sub> /S Network. <i>PLoS Computational Biology</i> , 2007, 3, e64.	1.5	96
96	In CK2 inactivated cells the cyclin dependent kinase inhibitor Sic1 is involved in cell-cycle arrest before the onset of S phase. <i>Biochemical and Biophysical Research Communications</i> , 2007, 359, 921-927.	1.0	31
97	Molecular evolution of the neurotrophin family members and their Trk receptors. <i>Gene</i> , 2007, 394, 1-12.	1.0	34
98	An approach to address <i>Candida rugosa</i> lipase regioselectivity in the acylation reactions of trytilated glucosides. <i>Journal of Biotechnology</i> , 2007, 128, 908-918.	1.9	19
99	Rapamycin-mediated G <sub>1</sub> arrest involves regulation of the Cdk inhibitor Sic1 in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2007, 63, 1482-1494.	1.2	63
100	Lipases: Molecular Structure and Function. , 2007, , 263-281.		33
101	Expression of transforming K-Ras oncogene affects mitochondrial function and morphology in mouse fibroblasts. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1338-1356.	0.5	68
102	Catalytic competence of the Ras-GEF domain of hSos1 requires intra-REM domain interactions mediated by Phenylalanine 577. <i>FEBS Letters</i> , 2006, 580, 6322-6328.	1.3	8
103	Sic1 is phosphorylated by CK2 on Ser201 in budding yeast cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 786-793.	1.0	24
104	Ras-dependent carbon metabolism and transformation in mouse fibroblasts. <i>Oncogene</i> , 2006, 25, 5391-5404.	2.6	104
105	The modular systems biology approach to investigate the control of apoptosis in Alzheimer's disease neurodegeneration. <i>BMC Neuroscience</i> , 2006, 7, S2.	0.8	42
106	The Histone Deubiquitinating Enzyme Ubp10 Is Involved in rDNA Locus Control in <i>Saccharomyces cerevisiae</i> by Affecting Sir2p Association. <i>Genetics</i> , 2006, 174, 2249-2254.	1.2	13
107	A modular systems biology analysis of cell cycle entrance into S-phase. <i>Topics in Current Genetics</i> , 2005, , 325-347.	0.7	5
108	Glucose modulation of cell size in yeast. <i>Biochemical Society Transactions</i> , 2005, 33, 294-296.	1.6	15

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109	Acquired glucose sensitivity of k-ras transformed fibroblasts. <i>Biochemical Society Transactions</i> , 2005, 33, 297-299.	1.6	10
110	The yeast cyclin-dependent kinase inhibitor Sic1 and mammalian p27Kip1 are functional homologues with a structurally conserved inhibitory domain. <i>Biochemical Journal</i> , 2005, 387, 639-647.	1.7	66
111	SFP1 is involved in cell size modulation in respiro-fermentative growth conditions. <i>Yeast</i> , 2005, 22, 385-399.	0.8	30
112	Recombinant human nerve growth factor with a marked activity in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18658-18663.	3.3	21
113	Subcellular Localization of the Cyclin Dependent Kinase Inhibitor Sic1 is Modulated by the Carbon Source in Budding Yeast. <i>Cell Cycle</i> , 2005, 4, 1798-1807.	1.3	25
114	Heterologous production of five Hepatitis C virus-derived antigens in three <i>Saccharomyces cerevisiae</i> host strains. <i>Journal of Biotechnology</i> , 2005, 120, 46-58.	1.9	2
115	CK2 regulates in vitro the activity of the yeast cyclin-dependent kinase inhibitor Sic1. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 1040-1048.	1.0	15
116	Mutations in the $\alpha$ -helix region affect chain length specificity and thermostability of a <i>Pseudomonas fragilipase</i> . <i>FEBS Letters</i> , 2005, 579, 2383-2386.	1.3	89
117	The isolated catalytic hairpin of the Ras-specific guanine nucleotide exchange factor Cdc25M retains nucleotide dissociation activity but has impaired nucleotide exchange activity. <i>FEBS Letters</i> , 2005, 579, 6851-6858.	1.3	8
118	A cell sizer network involving Cln3 and Far1 controls entrance into S phase in the mitotic cycle of budding yeast. <i>Journal of Cell Biology</i> , 2004, 167, 433-443.	2.3	49
119	The yeast : a new host for heterologous protein production, secretion and for metabolic engineering applications. <i>FEMS Yeast Research</i> , 2004, 4, 493-504.	1.1	53
120	Mutations of the CK2 phosphorylation site of Sic1 affect cell size and S-Cdk kinase activity in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 2004, 51, 447-460.	1.2	41
121	Systems Biology and the Molecular Circuits of Cancer. <i>ChemBioChem</i> , 2004, 5, 1322-1333.	1.3	38
122	Systems Biology and the Molecular Circuits of Cancer. <i>ChemInform</i> , 2004, 35, no.	0.1	2
123	Involvement of the yeast metacaspase Yca1 in $\gamma$ -programmed cell death. <i>FEMS Yeast Research</i> , 2004, 5, 141-147.	1.1	46
124	Transcriptional Profiling of ubp10 Null Mutant Reveals Altered Subtelomeric Gene Expression and Insurgence of Oxidative Stress Response. <i>Journal of Biological Chemistry</i> , 2004, 279, 6414-6425.	1.6	40
125	Probing Control Mechanisms of Cell Cycle and Ageing in Budding Yeast. <i>Current Genomics</i> , 2004, 5, 615-627.	0.7	5
126	Glucose metabolism and cell size in continuous cultures of <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Letters</i> , 2003, 229, 165-171.	0.7	47



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127	The cold-active lipase of <i>Pseudomonas fragi</i> . <i>FEBS Journal</i> , 2002, 269, 3321-3328.	0.2	95
128	Towards a blueprint of the cell cycle. <i>Oncogene</i> , 2001, 20, 1128-1134.	2.6	22
129	Phosphorylation of Cdc28 and regulation of cell size by the protein kinase CKII in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2000, 351, 143.	1.7	14
130	Phosphorylation of Cdc28 and regulation of cell size by the protein kinase CKII in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2000, 351, 143-150.	1.7	21
131	A dominant negative RAS-specific guanine nucleotide exchange factor reverses neoplastic phenotype in K-ras transformed mouse fibroblasts. <i>Oncogene</i> , 2000, 19, 2147-2154.	2.6	27
132	Design and realization of a tailor-made enzyme to modify the molecular recognition of 2-arylpropionic esters by <i>Candida rugosa</i> lipase. <i>BBA - Proteins and Proteomics</i> , 2000, 1543, 146-158.	2.1	26
133	Mutants provide evidence of the importance of glycosidic chains in the activation of lipase 1 from <i>Candida rugosa</i> . <i>Protein Science</i> , 2000, 9, 985-990.	3.1	34
134	Microbial analysis at the single-cell level. <i>Journal of Microbiological Methods</i> , 2000, 42, 1-2.	0.7	2
135	Relating growth dynamics and glucoamylase excretion of individual <i>Saccharomyces cerevisiae</i> cells. <i>Journal of Microbiological Methods</i> , 2000, 42, 49-55.	0.7	5
136	Real-time flow cytometric quantification of GFP expression and Gfp-fluorescence generation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Microbiological Methods</i> , 2000, 42, 57-64.	0.7	15
137	Improved Secretion of Native Human Insulin-Like Growth Factor 1 from <i>gas1</i> Mutant <i>Saccharomyces cerevisiae</i> Cells. <i>Applied and Environmental Microbiology</i> , 2000, 66, 5477-5479.	1.4	38
138	Replacement of a Metabolic Pathway for Large-Scale Production of Lactic Acid from Engineered Yeasts. <i>Applied and Environmental Microbiology</i> , 1999, 65, 4211-4215.	1.4	378
139	Characterization and Properties of Dominant-negative Mutants of the Ras-specific Guanine Nucleotide Exchange Factor CDC25Mm. <i>Journal of Biological Chemistry</i> , 1999, 274, 36656-36662.	1.6	21
140	NADH reoxidation does not control glycolytic flux during exposure of respiring <i>Saccharomyces cerevisiae</i> cultures to glucose excess. <i>FEMS Microbiology Letters</i> , 1999, 171, 133-140.	0.7	25
141	Chromosome Separation and Exit from Mitosis in Budding Yeast: Dependence on Growth Revealed by cAMP-Mediated Inhibition. <i>Experimental Cell Research</i> , 1999, 250, 510-523.	1.2	33
142	Characterization of the <i>Candida rugosa</i> lipase system and overexpression of the lip1 isoenzyme in a non-conventional yeast. <i>Chemistry and Physics of Lipids</i> , 1998, 93, 47-55.	1.5	23
143	Analysis of the secondary structure of the catalytic domain of mouse Ras exchange factor CDC25Mm. <i>BBA - Proteins and Proteomics</i> , 1998, 1383, 292-300.	2.1	2
144	Design, total synthesis, and functional overexpression of the <i>Candida rugosa</i> lip1 gene coding for a major industrial lipase. <i>Protein Science</i> , 1998, 7, 1415-1422.	3.1	114

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145	Mutations at position 1122 in the catalytic domain of the mouse ras-specific guanine nucleotide exchange factor CDC25Mmoriginate both loss-of-function and gain-of-function proteins. FEBS Letters, 1998, 440, 291-296.	1.3	9
146	Control by Nutrients of Growth and Cell Cycle Progression in Budding Yeast, Analyzed by Double-Tag Flow Cytometry. Journal of Bacteriology, 1998, 180, 3864-3872.	1.0	45
147	[14] Cloning, sequencing, and expression of <i>Candida rugosa</i> lipases. Methods in Enzymology, 1997, 284, 246-260.	0.4	14
148	Identification of different daughter and parent subpopulations in an asynchronously growing <i>Saccharomyces cerevisiae</i> population. Research in Microbiology, 1997, 148, 205-215.	1.0	21
149	The evolution of a non universal codon as detected in <i>Candida rugosa</i> lipase. Journal of Molecular Catalysis B: Enzymatic, 1997, 3, 37-41.	1.8	4
150	<i>Candida albicans</i> homologue of GGP1/GAS1 gene is functional in <i>Saccharomyces cerevisiae</i> and contains the determinants for glycosylphosphatidylinositol attachment. Yeast, 1996, 12, 361-368.	0.8	36
151	<i>Candida Rugosa</i> Lipase Isozymes. , 1996, , 115-124.		6
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