Lilia Alberghina

List of Publications by Year
in descending order

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262	10,343	38660	53109
papers	citations	50 h-index	85 g-index

273	273	273	10210
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	INTEGRATE: Model-based multi-omics data integration to characterize multi-level metabolic regulation. PLoS Computational Biology, 2022, 18, e1009337.	1.5	24
2	CDK12 promotes tumorigenesis but induces vulnerability to therapies inhibiting folate one-carbon metabolism in breast cancer. Nature Communications, 2022, 13, 2642.	5.8	15
3	Methotrexate inhibits SARSâ€CoVâ€2 virus replication â€œin vitroâ€. Journal of Medical Virology, 2021, 93, 1780-1785.	2.5	38
4	Transcriptomics and Metabolomics Integration Reveals Redox-Dependent Metabolic Rewiring in Breast Cancer Cells. Cancers, 2021, 13, 5058.	1.7	10
5	From computational genomics to systems metabolomics for precision cancer medicine and drug discovery. Pharmacological Research, 2020, 151, 104479.	3.1	1
6	Fuzzy modeling and global optimization to predict novel therapeutic targets in cancer cells. Bioinformatics, 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. Cancer & Metabolism, 2020, 8, 22.	2.4	10
8	ROS networks: designs, aging, Parkinsonâ€™s disease and precision therapies. Npj Systems Biology and Applications, 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. International Journal of Molecular Sciences, 2020, 21, 1539.	1.8	64
10	Systems metabolomics: from metabolomic snapshots to design principles. Current Opinion in Biotechnology, 2020, 63, 190-199.	3.3	36
11	Nicotinamide, Nicotinamide Riboside and Nicotinic Acidâ€”Emerging Roles in Replicative and Chronological Aging in Yeast. Biomolecules, 2020, 10, 604.	1.8	14
12	Single-cell Digital Twins for Cancer Preclinical Investigation. Methods in Molecular Biology, 2020, 2088, 331-343.	0.4	17
13	Differential Modulation of NF-Î²B in Neurons and Astrocytes Underlies Neuroprotection and Antigliosis Activity of Natural Antioxidant Molecules. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-16.	1.9	24
14	Integration of single-cell RNA-seq data into population models to characterize cancer metabolism. PLoS Computational Biology, 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. Neural Regeneration Research, 2019, 14, 201.	1.6	26
17	An Integrated Model Quantitatively Describing Metabolism, Growth and Cell Cycle in Budding Yeast. Communications in Computer and Information Science, 2018, , 165-180.	0.4	3
18	Differentiation by nerve growth factor (NGF) involves mechanisms of crosstalk between energy homeostasis and mitochondrial remodeling. Cell Death and Disease, 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. Frontiers in Cellular Neuroscience, 2018, 12, 459.	1.8	98
21	Methionine supplementation stimulates mitochondrial respiration. Biochimica Et Biophysica Acta - Molecular Cell Research, 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. PLoS Computational Biology, 2017, 13, e1005758.	1.5	64
23	Strategies for structuring interdisciplinary education in Systems Biology: an European perspective. Npj Systems Biology and Applications, 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. PLoS ONE, 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. NeuroToxicology, 2016, 54, 161-169.	1.4	30
26	Respiratory metabolism and calorie restriction relieve persistent endoplasmic reticulum stress induced by calcium shortage in yeast. Scientific Reports, 2016, 6, 27942.	1.6	11
27	Whi5 phosphorylation embedded in the G1/S network dynamically controls critical cell size and cell fate. Nature Communications, 2016, 7, 11372.	5.8	35
28	Comparing Alzheimerâ€™s and Parkinsonâ€™s diseases networks using graph communities structure. BMC Systems Biology, 2016, 10, 25.	3.0	28
29	Zooming-in on cancer metabolic rewiring with tissue specific constraint-based models. Computational Biology and Chemistry, 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. Cellular and Molecular Neurobiology, 2016, 36, 37-46.	1.7	34
31	Protein Kinase A Activation Promotes Cancer Cell Resistance to Glucose Starvation and Anoikis. PLoS Genetics, 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. Oncotarget, 2016, 7, 52017-52031.	0.8	11
33	Neuroprotection by Cocktails of Dietary Antioxidants under Conditions of Nerve Growth Factor Deprivation. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-15.	1.9	18
34	Purinergic Modulation of Spinal Neuroglial Maladaptive Plasticity Following Peripheral Nerve Injury. Molecular Neurobiology, 2015, 52, 1440-1457.	1.9	40
35	The transcription factor Swi4 is target for PKA regulation of cell size at the G₁to S transition inSaccharomyces cerevisiae. Cell Cycle, 2015, 14, 2429-2438.	1.3	20
36	Enhanced amino acid utilization sustains growth of cells lacking Snf1/AMPK. Biochimica Et Biophysica Acta - Molecular Cell Research, 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	Astrocyteâ€“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 surfaceâ€activated chemical ionization approach allows quantitative phosphorylation analysis of the cyclinâ€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. Biotechnology Advances, 2012, 30, 261-271.	6.0	42
56	From cancer metabolism to new biomarkers and drug targets. Biotechnology Advances, 2012, 30, 30-51.	6.0	62
57	Cell growth and cell cycle in Saccharomyces cerevisiae: Basic regulatory design and proteinâ€“protein interaction network. Biotechnology Advances, 2012, 30, 52-72.	6.0	48
58	Regulation of hSos1 activity is a system-level property generated by its multi-domain structure. Biotechnology Advances, 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. Biotechnology Advances, 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. Biotechnology Advances, 2012, 30, 73-98.	6.0	22
61	Systems biology for biomedical innovation. Biotechnology Advances, 2012, 30, 1-3.	6.0	6
62	Compaction Properties of an Intrinsically Disordered Protein: Sic1 and Its Kinase-Inhibitor Domain. Biophysical Journal, 2011, 100, 2243-2252.	0.2	62
63	Nutritional Limitation Sensitizes Mammalian Cells to GSK-3Î² Inhibitors and Leads to Growth Impairment. American Journal of Pathology, 2011, 178, 1814-1823.	1.9	10
64	Oncogenic Kâ€Ras decouples glucose and glutamine metabolism to support cancer cell growth. Molecular Systems Biology, 2011, 7, 523.	3.2	404
65	Reactive astrocytosis-induced perturbation of synaptic homeostasis is restored by nerve growth factor. Neurobiology of Disease, 2011, 41, 630-639.	2.1	50
66	Electrospray ionizationâ€mass spectrometry conformational analysis of isolated domains of an intrinsically disordered protein. Biotechnology Journal, 2011, 6, 96-100.	1.8	22
67	Crossâ€talk between cell cycle induction and mitochondrial dysfunction during oxidative stress and nerve growth factor withdrawal in differentiated PC12 cells. Journal of Neuroscience Research, 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. PLoS Computational Biology, 2011, 7, e1002056.	1.5	29
69	Intrathecal NGF Administration Reduces Reactive Astrocytosis and Changes Neurotrophin Receptors Expression Pattern in a Rat Model of Neuropathic Pain. Cellular and Molecular Neurobiology, 2010, 30, 51-62.	1.7	67
70	Timing control in regulatory networks by multisite protein modifications. Trends in Cell Biology, 2010, 20, 634-641.	3.6	31
71	Mitochondrial Complex I decrease is responsible for bioenergetic dysfunction in K-ras transformed cells. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 314-323.	0.5	119
72	Sir2-dependent asymmetric segregation of damaged proteins in ubp10 null mutants is independent of genomic silencing. Biochimica Et Biophysica Acta - Molecular Cell Research, 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. Proteomics, 2010, 10, 4337-4341.	1.3	5
74	Glucose Signaling-Mediated Coordination of Cell Growth and Cell Cycle in Saccharomyces Cerevisiae. Sensors, 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. PLoS Computational Biology, 2010, 6, e1000783.	1.5	37
76	Snf1/AMPK promotes S-phase entrance by controllingCLB5transcription in budding yeast. Cell Cycle, 2010, 9, 2189-2200.	1.3	30
77	Networks and circuits in cell regulation. Biochemical and Biophysical Research Communications, 2010, 396, 881-886.	1.0	6
78	CK2 activity is modulated by growth rate in Saccharomyces cerevisiae. Biochemical and Biophysical Research Communications, 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. American Journal of Pathology, 2010, 176, 2997-3006.	1.9	91
80	Glutamine Deprivation Induces Abortive S-Phase Rescued by Deoxyribonucleotides in K-Ras Transformed Fibroblasts. PLoS ONE, 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. BMC Bioinformatics, 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. BMC Bioinformatics, 2009, 10, S16.	1.2	37
83	Systems biology of the cell cycle of Saccharomyces cerevisiae: From network mining to system-level properties. Biotechnology Advances, 2009, 27, 960-978.	6.0	31
84	Analysis and modeling of growing budding yeast populations at the single cell level. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2009, 75A, 114-120.	1.1	37
85	Order propensity of an intrinsically disordered protein, the cyclinâ€dependentâ€kinase inhibitor Sic1. Proteins: Structure, Function and Bioinformatics, 2009, 76, 731-746.	1.5	64
86	Molecular networks and system-level properties. Journal of Biotechnology, 2009, 144, 224-233.	1.9	37
87	Systems Biology for biotechnological innovation. Journal of Biotechnology, 2009, 144, 165-166.	1.9	2
88	Sequence of the lid affects activity and specificity of Candida rugosa lipase isoenzymes. Protein Science, 2009, 12, 2312-2319.	3.1	119
89	Unscrambling thermal stability and temperature adaptation in evolved variants of a coldâ€active lipase. FEBS Letters, 2008, 582, 2313-2318.	1.3	20
90	Systems biology of the yeast cell cycle. Journal of Biotechnology, 2008, 136, S20.	1.9	0

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91	The CK2 phosphorylation of catalytic domain of Cdc34 modulates its activity at the G₁to S transition inSaccharomyces cerevisiae. Cell Cycle, 2008, 7, 1391-1401.	1.3	44
92	A New Nerve Growth Factor-Mimetic Peptide Active on Neuropathic Pain in Rats. Journal of Neuroscience, 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. Current Pharmaceutical Design, 2008, 14, 226-236.	0.9	11
94	Proteomic Analysis of a Nutritional Shift-up in Saccharomyces cerevisiae Identifies Gvp36 as a BAR-containing Protein Involved in Vesicular Traffic and Nutritional Adaptation. Journal of Biological Chemistry, 2008, 283, 4730-4743.	1.6	15
95	Cell Size at S Phase Initiation: An Emergent Property of the G1/S Network. PLoS Computational Biology, 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. Biochemical and Biophysical Research Communications, 2007, 359, 921-927.	1.0	31
97	Molecular evolution of the neurotrophin family members and their Trk receptors. Gene, 2007, 394, 1-12.	1.0	34
98	An approach to address Candida rugosa lipase regioselectivity in the acylation reactions of trytilated glucosides. Journal of Biotechnology, 2007, 128, 908-918.	1.9	19
99	Rapamycin-mediated G1 arrest involves regulation of the Cdk inhibitor Sic1 in Saccharomyces cerevisiae. Molecular Microbiology, 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. Biochimica Et Biophysica Acta - Bioenergetics, 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. FEBS Letters, 2006, 580, 6322-6328.	1.3	8
103	Sic1 is phosphorylated by CK2 on Ser201 in budding yeast cells. Biochemical and Biophysical Research Communications, 2006, 346, 786-793.	1.0	24
104	Ras-dependent carbon metabolism and transformation in mouse fibroblasts. Oncogene, 2006, 25, 5391-5404.	2.6	104
105	The modular systems biology approach to investigate the control of apoptosis in Alzheimer's disease neurodegeneration. BMC Neuroscience, 2006, 7, S2.	0.8	42
106	The Histone Deubiquitinating Enzyme Ubp10 Is Involved in rDNA Locus Control in Saccharomyces cerevisiae by Affecting Sir2p Association. Genetics, 2006, 174, 2249-2254.	1.2	13
107	A modular systems biology analysis of cell cycle entrance into S-phase. Topics in Current Genetics, 2005, , 325-347.	0.7	5
108	Glucose modulation of cell size in yeast. Biochemical Society Transactions, 2005, 33, 294-296.	1.6	15

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109	Acquired glucose sensitivity of k-ras transformed fibroblasts. Biochemical Society Transactions, 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. Biochemical Journal, 2005, 387, 639-647.	1.7	66
111	SFP1 is involved in cell size modulation in respiro-fermentative growth conditions. Yeast, 2005, 22, 385-399.	0.8	30
112	Recombinant human nerve growth factor with a marked activity in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 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. Cell Cycle, 2005, 4, 1798-1807.	1.3	25
114	Heterologous production of five Hepatitis C virus-derived antigens in three Saccharomyces cerevisiae host strains. Journal of Biotechnology, 2005, 120, 46-58.	1.9	2
115	CK2 regulates in vitro the activity of the yeast cyclin-dependent kinase inhibitor Sic1. Biochemical and Biophysical Research Communications, 2005, 336, 1040-1048.	1.0	15
116	Mutations in the â€œlidâ€•region affect chain length specificity and thermostability of aPseudomonas fragilipase. FEBS Letters, 2005, 579, 2383-2386.	1.3	89
117	The isolated catalytic hairpin of the Ras-specific guanine nucleotide exchange factor Cdc25Mmretains nucleotide dissociation activity but has impaired nucleotide exchange activity. FEBS Letters, 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. Journal of Cell Biology, 2004, 167, 433-443.	2.3	49
119	The yeast : a new host for heterologous protein production, secretion and for metabolic engineering applications. FEMS Yeast Research, 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 Saccharomyces cerevisiae. Molecular Microbiology, 2004, 51, 447-460.	1.2	41
121	Systems Biology and the Molecular Circuits of Cancer. ChemBioChem, 2004, 5, 1322-1333.	1.3	38
122	Systems Biology and the Molecular Circuits of Cancer. ChemInform, 2004, 35, no.	0.1	2
123	Involvement of the yeast metacaspase Yca1 in Î”-programmed cell death. FEMS Yeast Research, 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. Journal of Biological Chemistry, 2004, 279, 6414-6425.	1.6	40
125	Probing Control Mechanisms of Cell Cycle and Ageing in Budding Yeast. Current Genomics, 2004, 5, 615-627.	0.7	5
126	Glucose metabolism and cell size in continuous cultures ofSaccharomyces cerevisiae. FEMS Microbiology Letters, 2003, 229, 165-171.	0.7	47

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127	The cold-active lipase of Pseudomonas fragi. FEBS Journal, 2002, 269, 3321-3328.	0.2	95
128	Towards a blueprint of the cell cycle. Oncogene, 2001, 20, 1128-1134.	2.6	22
129	Phosphorylation of Cdc28 and regulation of cell size by the protein kinase CKII in Saccharomyces cerevisiae. Biochemical Journal, 2000, 351, 143.	1.7	14
130	Phosphorylation of Cdc28 and regulation of cell size by the protein kinase CKII in Saccharomyces cerevisiae. Biochemical Journal, 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. Oncogene, 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 Candida rugosa lipase. BBA - Proteins and Proteomics, 2000, 1543, 146-158.	2.1	26
133	Mutants provide evidence of the importance of glycosydic chains in the activation of lipase 1 from Candida rugosa. Protein Science, 2000, 9, 985-990.	3.1	34
134	Microbial analysis at the single-cell level. Journal of Microbiological Methods, 2000, 42, 1-2.	0.7	2
135	Relating growth dynamics and glucoamylase excretion of individual Saccharomyces cerevisiae cells. Journal of Microbiological Methods, 2000, 42, 49-55.	0.7	5
136	Real-time flow cytometric quantification of GFP expression and Gfp-fluorescence generation in Saccharomyces cerevisiae. Journal of Microbiological Methods, 2000, 42, 57-64.	0.7	15
137	Improved Secretion of Native Human Insulin-Like Growth Factor 1 from gas1 Mutant Saccharomyces cerevisiae Cells. Applied and Environmental Microbiology, 2000, 66, 5477-5479.	1.4	38
138	Replacement of a Metabolic Pathway for Large-Scale Production of Lactic Acid from Engineered Yeasts. Applied and Environmental Microbiology, 1999, 65, 4211-4215.	1.4	378
139	Characterization and Properties of Dominant-negative Mutants of the Ras-specific Guanine Nucleotide Exchange Factor CDC25Mm. Journal of Biological Chemistry, 1999, 274, 36656-36662.	1.6	21
140	NADH reoxidation does not control glycolytic flux during exposure of respiringSaccharomyces cerevisiaecultures to glucose excess. FEMS Microbiology Letters, 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. Experimental Cell Research, 1999, 250, 510-523.	1.2	33
142	Characterization of the Candida rugosa lipase system and overexpression of the lip1 isoenzyme in a non-conventional yeast. Chemistry and Physics of Lipids, 1998, 93, 47-55.	1.5	23
143	Analysis of the secondary structure of the catalytic domain of mouse Ras exchange factor CDC25Mm. BBA - Proteins and Proteomics, 1998, 1383, 292-300.	2.1	2
144	Design, total synthesis, and functional overexpression of the Candida rugosa lipl gene coding for a major industrial lipase. Protein Science, 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 Candida rugosa lipases. Methods in Enzymology, 1997, 284, 246-260.	0.4	14
148	Identification of different daughter and parent subpopulations in an asynchronously growing Saccharomyces cerevisiae population. Research in Microbiology, 1997, 148, 205-215.	1.0	21
149	The evolution of a non universal codon as detected in Candida rugosa lipase. Journal of Molecular Catalysis B: Enzymatic, 1997, 3, 37-41.	1.8	4
150	Candida albicans homologue ofGGP1/GAS1 gene is functional inSaccharomyces cerevisiae and contains the determinants for glycosylphosphatidylinositol attachment. , 1996, 12, 361-368.		36
151	Candida Rugosa Lipase Isozymes. , 1996, , 115-124.		6
152	Candida albicans homologue of GGP1/GAS1 gene is functional in Saccharomyces cerevisiae and contains the determinants for glycosylphosphatidylinositol attachment. Yeast, 1996, 12, 361-8.	0.8	25
153	Development of metabolically engineered Saccharomyces cerevisiae cells for the production of lactic acid. Biotechnology Progress, 1995, 11, 294-298.	1.3	114
154	A double flow cytometric tag allows tracking of the dynamics of cell cycle progression of newbornSaccharomyces cerevisiae cells during balanced exponential growth. Yeast, 1995, 11, 1157-1169.	0.8	29
155	The Minimal Active Domain of the Mouse Ras Exchange Factor CDC25Mm. Biochemical and Biophysical Research Communications, 1995, 206, 253-259.	1.0	33
156	Evolutionary origin of nonuniversal CUGSer codon in some Candida species as inferred from a molecular phylogeny.. Genetics, 1995, 141, 903-907.	1.2	56
157	Variability within the Candida rugosa Upases family. Protein Engineering, Design and Selection, 1994, 7, 531-535.	1.0	97
158	Repression of growth-regulated Gl cyclin expression by cyclic AMP in budding yeast. Nature, 1994, 371, 339-342.	13.7	160
159	Flow-cytometric determination of the respiratory activity in growing Saccharomyces cerevisiae populations. Biotechnology Progress, 1994, 10, 193-197.	1.3	24
160	O-linked oligosaccharides in yeast glycosyl phosphatidylinositol-anchored protein gp115 are clustered in a serine-rich region not essential for its function.. Journal of Biological Chemistry, 1994, 269, 19695-19700.	1.6	41
161	High Production of Lactic Acid from Metabolically Engineered Saccharomyces cerevisiae. , 1994, , 417-423.		0
162	O-linked oligosaccharides in yeast glycosyl phosphatidylinositol-anchored protein gp115 are clustered in a serine-rich region not essential for its function. Journal of Biological Chemistry, 1994, 269, 19695-700.	1.6	41

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163	Evolutionary conservation of genomic sequences related to the GGP1 gene encoding a yeast GPI-anchored glycoprotein. Current Genetics, 1993, 23, 19-21.	0.8	15
164	Transcript accumulation of the GGP1 gene, encoding a yeast GPI-anchored glycoprotein, is inhibited during arrest in the G1 phase and during sporulation. Current Genetics, 1993, 24, 382-387.	0.8	17
165	InSaccharomyces cerevisiae, protein secretion into the growth medium depends on environmental factors. Yeast, 1993, 9, 77-84.	0.8	31
166	Alteration of cell population structure due to cell lysis inSaccharomyces cerevisiae cells overexpressing theGAL4 gene. Yeast, 1993, 9, 575-582.	0.8	27
167	Quantative flow cytometry: Analysis of protein distributions in budding yeast. A mini-review. Yeast, 1993, 9, 815-823.	0.8	49
168	Copy number modulation in an autoselection system for stable plasmid maintenance in Saccharomyces cerevisiae. Biotechnology Progress, 1993, 9, 594-599.	1.3	17
169	Cloning and analysis of Candida cylindracea lipase sequences. Gene, 1993, 124, 45-55.	1.0	131
170	Physiological analysis of mutants indicates involvement of the Saccharomyces cerevisiae GPI-anchored protein gp115 in morphogenesis and cell separation. Journal of Bacteriology, 1993, 175, 1879-1885.	1.0	116
171	In vitro interaction between Saccharomyces cerevisiae CDC25 and RAS2 proteins. Biochemical and Biophysical Research Communications, 1992, 186, 467-474.	1.0	2
172	Homology-derived three-dimensional structure prediction of Candida cylindracea lipase. Lipids and Lipid Metabolism, 1992, 1165, 129-133.	2.6	10
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