

Enzo Martegani

List of Publications by Year in Descending Order

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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.

137
papers

3,900
citations

32
h-index

56
g-index

138
ext. papers

4,196
ext. citations

4.5
avg, IF

4.49
L-index

#	Paper	IF	Citations
137	Fast detection of PKA activity in <i>Saccharomyces cerevisiae</i> cell population using AKAR fluorescence resonance energy transfer probes.. <i>Cellular Signalling</i> , 2022 , 92, 110262	4.9	0
136	RalGPS2 Interacts with Akt and PDK1 Promoting Tunneling Nanotubes Formation in Bladder Cancer and Kidney Cells Microenvironment.. <i>Cancers</i> , 2021 , 13,	6.6	2
135	Lack of SNF1 induces localization of active Ras in mitochondria and triggers apoptosis in the yeast <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 2020 , 523, 130-134	3.4	5
134	In <i>S. cerevisiae</i> hydroxycitric acid antagonizes chronological aging and apoptosis regardless of citrate lyase. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020 , 25, 686-696	5.4	1
133	Antagonism between salicylate and the cAMP signal controls yeast cell survival and growth recovery from quiescence. <i>Microbial Cell</i> , 2018 , 5, 344-356	3.9	3
132	RalGPS2 is involved in tunneling nanotubes formation in 5637 bladder cancer cells. <i>Experimental Cell Research</i> , 2018 , 362, 349-361	4.2	22
131	Guidelines and recommendations on yeast cell death nomenclature. <i>Microbial Cell</i> , 2018 , 5, 4-31	3.9	96
130	Dynamic of VE-cadherin-mediated spermatid-Sertoli cell contacts in the mouse seminiferous epithelium. <i>Histochemistry and Cell Biology</i> , 2018 , 150, 173-185	2.4	3
129	Detection of cAMP and of PKA activity in <i>Saccharomyces cerevisiae</i> single cells using Fluorescence Resonance Energy Transfer (FRET) probes. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 487, 594-599	3.4	14
128	Involvement of Aif1 in apoptosis triggered by lack of Hxk2 in the yeast <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2016 , 16,	3.1	14
127	The deubiquitinating enzyme UBPY/USP8 interacts with TrkA and inhibits neuronal differentiation in PC12 cells. <i>Experimental Cell Research</i> , 2015 , 333, 49-59	4.2	15
126	Total cellular Ca ²⁺ measurements in yeast using flame photometry. <i>Cold Spring Harbor Protocols</i> , 2015 , 2015, 214-6	1.2	
125	The transcription factor Swi4 is target for PKA regulation of cell size at the G1 to S transition in <i>Saccharomyces cerevisiae</i> . <i>Cell Cycle</i> , 2015 , 14, 2429-38	4.7	11
124	Peptide-nanoparticle ligation mediated by cutinase fusion for the development of cancer cell-targeted nanoconjugates. <i>Bioconjugate Chemistry</i> , 2015 , 26, 680-9	6.3	13
123	Measurement of calcium uptake in yeast using ⁴⁵ Ca. <i>Cold Spring Harbor Protocols</i> , 2015 , 2015, 217-8	1.2	
122	Hypotonic stress-induced calcium signaling in <i>Saccharomyces cerevisiae</i> involves TRP-like transporters on the endoplasmic reticulum membrane. <i>Cell Calcium</i> , 2015 , 57, 57-68	4	19
121	Monitoring yeast intracellular Ca ²⁺ levels using an in vivo bioluminescence assay. <i>Cold Spring Harbor Protocols</i> , 2015 , 2015, 210-3	1.2	6

120	Methods to study the Ras2 protein activation state and the subcellular localization of Ras-GTP in <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2014 , 1120, 391-405	1.4	3
119	Evidence for adenylate cyclase as a scaffold protein for Ras2-Ira interaction in <i>Saccharomyces cerevisiae</i> . <i>Cellular Signalling</i> , 2014 , 26, 1147-54	4.9	5
118	Yeast as a model for Ras signalling. <i>Methods in Molecular Biology</i> , 2014 , 1120, 359-90	1.4	7
117	Live-cell imaging of endogenous Ras-GTP shows predominant Ras activation at the plasma membrane and in the nucleus in <i>Saccharomyces cerevisiae</i> . <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 384-94	5.6	25
116	Ubiquitin Specific Peptidase 8 2013 , 2070-2075		1
115	Nuclear Ras2-GTP controls invasive growth in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2013 , 8, e79274	3.7	6
114	Lack of HXK2 induces localization of active Ras in mitochondria and triggers apoptosis in the yeast <i>Saccharomyces cerevisiae</i> . <i>Oxidative Medicine and Cellular Longevity</i> , 2013 , 2013, 678473	6.7	25
113	Localization of Ras signaling complex in budding yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 1208-16	4.9	23
112	Simulation of the Ras/cAMP/PKA pathway in budding yeast highlights the establishment of stable oscillatory states. <i>Biotechnology Advances</i> , 2012 , 30, 99-107	17.8	23
111	The role of feedback control mechanisms on the establishment of oscillatory regimes in the Ras/cAMP/PKA pathway in <i>S. cerevisiae</i> . <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2012 , 2012, 10		21
110	The involvement of calcium carriers and of the vacuole in the glucose-induced calcium signaling and activation of the plasma membrane H(+)-ATPase in <i>Saccharomyces cerevisiae</i> cells. <i>Cell Calcium</i> , 2012 , 51, 72-81	4	24
109	PKA-dependent regulation of Cdc25 RasGEF localization in budding yeast. <i>FEBS Letters</i> , 2011 , 585, 3914-20	3.8	14
108	Glucose-induced calcium influx in budding yeast involves a novel calcium transport system and can activate calcineurin. <i>Cell Calcium</i> , 2011 , 49, 376-86	4	35
107	Activation of amyloid precursor protein processing by growth factors is dependent on Ras GTPase activity. <i>Neurochemical Research</i> , 2011 , 36, 392-8	4.6	7
106	The PH-PxxP domain of RalGPS2 promotes PC12 cells differentiation acting as a dominant negative for RalA GTPase activation. <i>Neuroscience Research</i> , 2010 , 66, 290-8	2.9	5
105	Structure-activity studies on arylamides and arylsulfonamides Ras inhibitors. <i>Current Cancer Drug Targets</i> , 2010 , 10, 192-9	2.8	9
104	Whi2p links nutritional sensing to actin-dependent Ras-cAMP-PKA regulation and apoptosis in yeast. <i>Journal of Cell Science</i> , 2009 , 122, 706-15	5.3	74
103	Design, synthesis, and biological evaluation of levoglucosenone-derived ras activation inhibitors. <i>ChemMedChem</i> , 2009 , 4, 524-8	3.7	25

102	Transcriptomic and proteomic analyses of mouse cerebellum reveals alterations in RasGRF1 expression following in vivo chronic treatment with delta 9-tetrahydrocannabinol. <i>Journal of Molecular Neuroscience</i> , 2009 , 37, 111-22	3.3	25
101	Identification of novel RasGRF1 interacting partners by large-scale proteomic analysis. <i>Journal of Molecular Neuroscience</i> , 2009 , 37, 212-24	3.3	4
100	Selective cytotoxicity of a bicyclic Ras inhibitor in cancer cells expressing K-Ras(G13D). <i>Biochemical and Biophysical Research Communications</i> , 2009 , 386, 593-7	3.4	32
99	The budding yeast RasGEF Cdc25 reveals an unexpected nuclear localization. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008 , 1783, 2363-74	4.9	13
98	Modeling and stochastic simulation of the Ras/cAMP/PKA pathway in the yeast <i>Saccharomyces cerevisiae</i> evidences a key regulatory function for intracellular guanine nucleotides pools. <i>Journal of Biotechnology</i> , 2008 , 133, 377-85	3.7	37
97	A new nerve growth factor-mimetic peptide active on neuropathic pain in rats. <i>Journal of Neuroscience</i> , 2008 , 28, 2698-709	6.6	89
96	Functional coupling of the mammalian EGF receptor to the Ras/cAMP pathway in the yeast <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2008 , 53, 153-62	2.9	7
95	Carbonyl cyanide m-chlorophenylhydrazone induced calcium signaling and activation of plasma membrane H(+)-ATPase in the yeast <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2008 , 8, 622-30	3.1	20
94	Glucose-derived Ras pathway inhibitors: evidence of Ras-ligand binding and Ras-GEF (Cdc25) interaction inhibition. <i>ChemBioChem</i> , 2007 , 8, 1376-9	3.8	23
93	The large N-terminal domain of Cdc25 protein of the yeast <i>Saccharomyces cerevisiae</i> is required for glucose-induced Ras2 activation. <i>FEMS Yeast Research</i> , 2007 , 7, 1270-5	3.1	10
92	Functional analysis of RalGPS2, a murine guanine nucleotide exchange factor for RalA GTPase. <i>Experimental Cell Research</i> , 2007 , 313, 2293-307	4.2	28
91	Sugar-Derived Ras Inhibitors: Group Epitope Mapping by NMR Spectroscopy and Biological Evaluation. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3707-3720	3.2	22
90	The N-terminal region of the <i>Saccharomyces cerevisiae</i> RasGEF Cdc25 is required for nutrient-dependent cell-size regulation. <i>Microbiology (United Kingdom)</i> , 2006 , 152, 1231-1242	2.9	13
89	Calcium signaling and sugar-induced activation of plasma membrane H(+)-ATPase in <i>Saccharomyces cerevisiae</i> cells. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 343, 1234-43	3.4	20
88	Design, synthesis and biological evaluation of sugar-derived Ras inhibitors. <i>ChemBioChem</i> , 2005 , 6, 1839-48	3.4	35
87	The deubiquitinating enzyme mUBPy interacts with the sperm-specific molecular chaperone MSJ-1: the relation with the proteasome, acrosome, and centrosome in mouse male germ cells. <i>Biology of Reproduction</i> , 2005 , 72, 14-21	3.9	43
86	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, 18658-63	11.5	15
85	Activation state of the Ras2 protein and glucose-induced signaling in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2004 , 279, 46715-22	5.4	98

84	Analysis of the gene expression profile of mouse male meiotic germ cells. <i>Gene Expression Patterns</i> , 2004 , 4, 267-81	1.5	38
83	Design and characterization of a new class of inhibitors of ras activation. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1030, 52-61	6.5	10
82	Evidence for inositol triphosphate as a second messenger for glucose-induced calcium signalling in budding yeast. <i>Current Genetics</i> , 2004 , 45, 83-9	2.9	37
81	mUBPy and MSJ-1, a deubiquitinating enzyme and a molecular chaperone specifically expressed in testis, associate with the acrosome and centrosome in mouse germ cells. <i>Annals of the New York Academy of Sciences</i> , 2002 , 973, 5-7	6.5	13
80	Cloning and characterization of a new Ral-GEF expressed in mouse testis. <i>Annals of the New York Academy of Sciences</i> , 2002 , 973, 135-7	6.5	8
79	Phospholipase C is required for glucose-induced calcium influx in budding yeast. <i>FEBS Letters</i> , 2002 , 520, 133-8	3.8	56
78	PtdIns(4,5)P(2) and phospholipase C-independent Ins(1,4,5)P(3) signals induced by a nitrogen source in nitrogen-starved yeast cells. <i>Biochemical Journal</i> , 2001 , 359, 517-23	3.8	7
77	3-Nitrocoumarin is an efficient inhibitor of budding yeast phospholipase-C. <i>Cell Biochemistry and Function</i> , 2001 , 19, 229-35	4.2	17
76	MSJ-1, a mouse testis-specific DnaJ protein, is highly expressed in haploid male germ cells and interacts with the testis-specific heat shock protein Hsp70-2. <i>Biology of Reproduction</i> , 2001 , 65, 488-95	3.9	38
75	Cloning and characterization of mouse UBPy, a deubiquitinating enzyme that interacts with the ras guanine nucleotide exchange factor CDC25(Mm)/Ras-GRF1. <i>Journal of Biological Chemistry</i> , 2001 , 276, 39448-54	5.4	77
74	Involvement of CDC25Mm/Ras-GRF1-dependent signaling in the control of neuronal excitability. <i>Molecular and Cellular Neurosciences</i> , 2001 , 18, 691-701	4.8	22
73	Role of guanine nucleotides in the regulation of the Ras/cAMP pathway in <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001 , 1538, 181-9	4.9	45
72	The overexpression of the CDC25 gene of <i>Saccharomyces cerevisiae</i> causes a derepression of GAL system and an increase of GAL4 transcription. <i>International Journal of Biochemistry and Cell Biology</i> , 2000 , 32, 215-24	5.6	4
71	Characterization and properties of dominant-negative mutants of the ras-specific guanine nucleotide exchange factor CDC25(Mm). <i>Journal of Biological Chemistry</i> , 1999 , 274, 36656-62	5.4	20
70	Expression of Ras-GRF in the SK-N-BE neuroblastoma accelerates retinoic-acid-induced neuronal differentiation and increases the functional expression of the IRK1 potassium channel. <i>European Journal of Neuroscience</i> , 1999 , 11, 959-66	3.5	24
69	Chromosome separation and exit from mitosis in budding yeast: dependence on growth revealed by cAMP-mediated inhibition. <i>Experimental Cell Research</i> , 1999 , 250, 510-23	4.2	32
68	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
67	The PLC1 encoded phospholipase C in the yeast <i>Saccharomyces cerevisiae</i> is essential for glucose-induced phosphatidylinositol turnover and activation of plasma membrane H ⁺ -ATPase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998 , 1405, 147-54	4.9	36

66	Mutations at position 1122 in the catalytic domain of the mouse ras-specific guanine nucleotide exchange factor CDC25Mm originate both loss-of-function and gain-of-function proteins. <i>FEBS Letters</i> , 1998 , 440, 291-6	3.8	9
65	MSJ-1, a new member of the DNAJ family of proteins, is a male germ cell-specific gene product. <i>Experimental Cell Research</i> , 1998 , 239, 430-41	4.2	39
64	Molecular cloning and developmental pattern of expression of MSJ-1, a new male germ cell-specific DNAJ homologue. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 444, 145-50; discussion 151	3.6	9
63	Cloning, sequencing and expression in <i>E. coli</i> of a D-amino acid oxidase cDNA from <i>Rhodotorula gracilis</i> active on cephalosporin C. <i>Journal of Biotechnology</i> , 1997 , 58, 115-23	3.7	36
62	The Ras Guanine nucleotide Exchange Factor CDC25Mm is present at the synaptic junction. <i>Experimental Cell Research</i> , 1997 , 235, 117-23	4.2	56
61	Identification of different daughter and parent subpopulations in an asynchronously growing <i>Saccharomyces cerevisiae</i> population. <i>Research in Microbiology</i> , 1997 , 148, 205-15	4	19
60	In <i>Saccharomyces cerevisiae</i> a short amino acid sequence facilitates excretion in the growth medium of periplasmic proteins. <i>Molecular Microbiology</i> , 1997 , 23, 997-1007	4.1	16
59	Identification of gene encoding a putative RNA-helicase, homologous to SKI2, in chromosome VII of <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 1997 , 13, 391-7	3.4	18
58	Selection of yeast cells with a higher plasmid copy number in a <i>Saccharomyces cerevisiae</i> autoselection system. <i>Yeast</i> , 1996 , 12, 199-205	3.4	6
57	A double flow cytometric tag allows tracking of the dynamics of cell cycle progression of newborn <i>Saccharomyces cerevisiae</i> cells during balanced exponential growth. <i>Yeast</i> , 1995 , 11, 1157-69	3.4	25
56	The minimal active domain of the mouse ras exchange factor CDC25Mm. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 206, 253-9	3.4	33
55	Development of metabolically engineered <i>Saccharomyces cerevisiae</i> cells for the production of lactic acid. <i>Biotechnology Progress</i> , 1995 , 11, 294-8	2.8	104
54	Flow-Cytometric Determination of the Respiratory Activity in Growing <i>Saccharomyces cerevisiae</i> Populations. <i>Biotechnology Progress</i> , 1994 , 10, 193-197	2.8	22
53	Properties of the catalytic domain of CDC25, a <i>Saccharomyces cerevisiae</i> GDP/GTP exchange factor: comparison of its activity on full-length and C-terminal truncated RAS2 proteins. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 199, 497-503	3.4	17
52	Expression of two different products of CDC25Mm, a mammalian Ras activator, during development of mouse brain. <i>Experimental Cell Research</i> , 1994 , 210, 353-7	4.2	29
51	Bioconversion of lactose/whey to fructose diphosphate with recombinant <i>saccharomyces cerevisiae</i> cells. <i>Biotechnology and Bioengineering</i> , 1993 , 42, 398-400	4.9	24
50	Functional expression of the transcriptional activator Opaque-2 of <i>Zea mays</i> in transformed yeast. <i>Molecular Genetics and Genomics</i> , 1993 , 241, 319-26		35
49	Alteration of cell population structure due to cell lysis in <i>Saccharomyces cerevisiae</i> cells overexpressing the GAL4 gene. <i>Yeast</i> , 1993 , 9, 575-82	3.4	25

48	Molecular cloning of a gene involved in glucose sensing in the yeast <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 1993 , 8, 927-43	4.1	120
47	Copy number modulation in an autoselection system for stable plasmid maintenance in <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Progress</i> , 1993 , 9, 594-9	2.8	15
46	Expression of high levels of human tissue plasminogen activator in yeast under the control of an inducible GAL promoter. <i>Applied Microbiology and Biotechnology</i> , 1992 , 37, 604-8	5.7	16
45	Highly efficient bioconversion of glucose into fructose diphosphate with fed-batch-grown <i>Saccharomyces cerevisiae</i> cells. <i>Applied Microbiology and Biotechnology</i> , 1992 , 36, 535	5.7	6
44	Enhanced expression of heterologous proteins by the use of a superinducible vector in budding yeast. <i>Applied Microbiology and Biotechnology</i> , 1992 , 36, 655-8	5.7	11
43	Development of high cell density cultures of engineered <i>Saccharomyces cerevisiae</i> cells able to grow on lactose. <i>Biotechnology Letters</i> , 1992 , 14, 1085-1088	3	13
42	The complete DNA sequence of yeast chromosome III. <i>Nature</i> , 1992 , 357, 38-46	50.4	812
41	Lactose/whey utilization and ethanol production by transformed <i>Saccharomyces cerevisiae</i> cells. <i>Biotechnology and Bioengineering</i> , 1992 , 39, 799-805	4.9	57
40	Flow cytometry and cell cycle kinetics in continuous and fed-batch fermentations of budding yeast. <i>Biotechnology Progress</i> , 1991 , 7, 299-304	2.8	38
39	The sequence of 8.8 kb of yeast chromosome III cloned in lambda PM3270 contains an unusual long ORF (YCR601). <i>Yeast</i> , 1991 , 7, 631-41	3.4	4
38	Heterologous gene expression in continuous cultures of budding yeast. <i>Applied Microbiology and Biotechnology</i> , 1991 , 34, 632-6	5.7	16
37	The promoter of <i>Saccharomyces cerevisiae</i> FBA1 gene contains a single positive upstream regulatory element. <i>FEBS Letters</i> , 1991 , 293, 97-100	3.8	14
36	The overexpression of the 3Rterminal region of the CDC25 gene of <i>Saccharomyces cerevisiae</i> causes growth inhibition and alteration of purine nucleotides pools. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991 , 1089, 206-12		8
35	Posttranscriptional regulation of the expression of MET2 gene of <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991 , 1089, 47-53		7
34	Development of a pH-controlled fed-batch system for budding yeast. <i>Research in Microbiology</i> , 1991 , 142, 535-9	4	14
33	Involvement of a cell size control mechanism in the induction and maintenance of oscillations in continuous cultures of budding yeast. <i>Biotechnology and Bioengineering</i> , 1990 , 36, 453-9	4.9	64
32	The glucose-induced polyphosphoinositides turnover in <i>Saccharomyces cerevisiae</i> is not dependent on the CDC25-RAS mediated signal transduction pathway. <i>FEBS Letters</i> , 1990 , 274, 19-22	3.8	23
31	Overexpression of the CDC25 gene, an upstream element of the RAS/adenylyl cyclase pathway in <i>Saccharomyces cerevisiae</i> , allows immunological identification and characterization of its gene product. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 172, 61-9	3.4	21

30	Kinetics and Regulation of Tyrosine Phosphorylation of the Platelet Derived Growth Factor Receptor. <i>Tumori</i> , 1989 , 75, 362-366	1.7	
29	Yeast 2 micron vectors replicate and undergo recombination in <i>Torulaspora delbrueckii</i> . <i>Molecular Microbiology</i> , 1989 , 3, 1003-10	4.1	5
28	Growth phase modulation of the productivity of β -galactosidase in budding yeast cultures. <i>Journal of Biotechnology</i> , 1989 , 12, 71-78	3.7	2
27	Secretion of <i>Escherichia coli</i> beta-galactosidase in <i>Saccharomyces cerevisiae</i> using the signal sequence from the glucoamylase-encoding STA2 gene. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 164, 1331-8	3.4	18
26	Oscillations in continuous cultures of budding yeast: a segregated parameter analysis. <i>Biotechnology and Bioengineering</i> , 1988 , 32, 411-7	4.9	104
25	Physiological and genetic modulation of inducible expression of <i>Escherichia coli</i> β -galactosidase in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 1988 , 28, 160-165	5.7	12
24	Protein and cell volume distributions during the production of beta-galactosidase in batch cultures of <i>Kluyveromyces lactis</i> . <i>Journal of Biotechnology</i> , 1987 , 5, 227-231	3.7	10
23	Translational regulation of the expression of zein cloned in yeast under an inducible GAL promoter. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 146, 809-14	3.4	8
22	Analysis of protein and cell volume distribution in glucose-limited continuous cultures of budding yeast. <i>Biotechnology and Bioengineering</i> , 1986 , 28, 185-90	4.9	39
21	Cell cycle modelling. <i>BioSystems</i> , 1986 , 19, 23-44	1.9	13
20	High levels of inducible expression of cloned β -galactosidase of <i>Kluyveromyces lactis</i> in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 1986 , 25, 124-131	5.7	14
19	Biochemical studies on proacrosin and acrosin from epididymal boar spermatozoa: in vitro translation of boar testicular proacrosin mRNA. <i>Biochemical and Biophysical Research Communications</i> , 1986 , 138, 139-45	3.4	1
18	Interaction of cAMP with the CDC25-mediated step in the cell cycle of budding yeast. <i>Experimental Cell Research</i> , 1986 , 162, 544-8	4.2	39
17	Molecular cloning and regulation of the expression of the MET2 gene of <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1986 , 46, 71-8	3.8	23
16	Molecular cloning and transcriptional analysis of the start gene CDC25 of <i>Saccharomyces cerevisiae</i> . <i>EMBO Journal</i> , 1986 , 5, 2363-2369	13	39
15	High levels of inducible expression of cloned β -galactosidase of <i>Kluyveromyces lactis</i> in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 1986 , 25, 124-131	5.7	5
14	Molecular cloning and transcriptional analysis of the start gene CDC25 of <i>Saccharomyces cerevisiae</i> . <i>EMBO Journal</i> , 1986 , 5, 2363-2369	13	14
13	Modeling Controls and Variability of the Cell Cycle. <i>Lecture Notes in Biomathematics</i> , 1985 , 239-246		1

12	Dansylalanyllysylchloromethyl ketone as a fluorescent probe for localization of acrosin activity in boar and human spermatozoa. <i>Journal of Histochemistry and Cytochemistry</i> , 1984 , 32, 526-30	3-4	8
11	Macromolecular syntheses in the cell cycle mutant cdc25 of budding yeast. <i>FEBS Journal</i> , 1984 , 144, 205-10		32
10	A computer algorithm for the analysis of protein distribution in budding yeast. <i>Cytometry</i> , 1984 , 5, 81-5		22
9	G1 phase heterogeneity in exponentially growing Swiss 3T3 mouse fibroblasts. <i>Experimental Cell Research</i> , 1984 , 153, 135-44	4-2	11
8	Analysis of protein distribution in budding yeast. <i>Biotechnology and Bioengineering</i> , 1983 , 25, 1295-310	4-9	57
7	A bimolecular mechanism for the cell size control of the cell cycle. <i>BioSystems</i> , 1983 , 16, 297-305	1-9	16
6	Cytochemical demonstration that acrosin is unavailable in intact ejaculated boar and bull spermatozoa. <i>The Journal of Experimental Zoology</i> , 1982 , 222, 149-54		3
5	Inhibition of RNA synthesis in <i>Neurospora crassa</i> hyphae treated with picolinic acid. <i>FEBS Journal</i> , 1981 , 121, 71-6		4
4	Analysis of a model of cell cycle in eukaryotes. <i>Journal of Theoretical Biology</i> , 1980 , 87, 171-88	2-3	20
3	Level and turnover of polyadenylate-containing ribonucleic acid in <i>Neurospora crassa</i> in different steady states of growth. <i>FEBS Journal</i> , 1979 , 99, 1-7		15
2	Modeling microbial growth: A model of growth and cell division of <i>Escherichia coli</i> . <i>Bollettino Di Zoologia</i> , 1979 , 46, 127-135		
1	Low-temperature restriction of the rate of protein synthesis in <i>Neurospora crassa</i> . <i>Experimental Mycology</i> , 1977 , 1, 339-351		8