Enzo Martegani

List of Publications by Citations

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	The complete DNA sequence of yeast chromosome III. *Nature*, **1992**, 357, 38-46	50.4	812
136	Molecular cloning of a gene involved in glucose sensing in the yeast Saccharomyces cerevisiae. *Molecular Microbiology*, **1993**, 8, 927-43	4.1	120
135	Development of metabolically engineered Saccharomyces cerevisiae cells for the production of lactic acid. *Biotechnology Progress*, **1995**, 11, 294-8	2.8	104
134	Oscillations in continuous cultures of budding yeast: a segregated parameter analysis. *Biotechnology and Bioengineering*, **1988**, 32, 411-7	4.9	104
133	Activation state of the Ras2 protein and glucose-induced signaling in Saccharomyces cerevisiae. *Journal of Biological Chemistry*, **2004**, 279, 46715-22	5.4	98
132	Guidelines and recommendations on yeast cell death nomenclature. *Microbial Cell*, **2018**, 5, 4-31	3.9	96
131	A new nerve growth factor-mimetic peptide active on neuropathic pain in rats. *Journal of Neuroscience*, **2008**, 28, 2698-709	6.6	89
130	Cloning and characterization of mouse UBPy, a deubiquitinating enzyme that interacts with the ras guanine nucleotide exchange factor CDC25(Mm)/Ras-GRF1. *Journal of Biological Chemistry*, **2001**, 276, 39448-54	5.4	77
129	Whi2p links nutritional sensing to actin-dependent Ras-cAMP-PKA regulation and apoptosis in yeast. *Journal of Cell Science*, **2009**, 122, 706-15	5.3	74
128	Involvement of a cell size control mechanism in the induction and maintenance of oscillations in continuous cultures of budding yeast. *Biotechnology and Bioengineering*, **1990**, 36, 453-9	4.9	64
127	Lactose/whey utilization and ethanol production by transformed Saccharomyces cerevisiae cells. *Biotechnology and Bioengineering*, **1992**, 39, 799-805	4.9	57
126	Analysis of protein distribution in budding yeast. *Biotechnology and Bioengineering*, **1983**, 25, 1295-310	4.9	57
125	The Ras Guanine nucleotide Exchange Factor CDC25Mm is present at the synaptic junction. *Experimental Cell Research*, **1997**, 235, 117-23	4.2	56
124	Phospholipase C is required for glucose-induced calcium influx in budding yeast. *FEBS Letters*, **2002**, 520, 133-8	3.8	56
123	Role of guanine nucleotides in the regulation of the Ras/cAMP pathway in Saccharomyces cerevisiae. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2001**, 1538, 181-9	4.9	45
122	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. *Biology of Reproduction*, **2005**, 72, 14-21	3.9	43
121	MSJ-1, a new member of the DNAJ family of proteins, is a male germ cell-specific gene product. *Experimental Cell Research*, **1998**, 239, 430-41	4.2	39

120	Analysis of protein and cell volume distribution in glucose-limited continuous cultures of budding yeast. *Biotechnology and Bioengineering*, **1986**, 28, 185-90	4.9	39
119	Interaction of cAMP with the CDC25-mediated step in the cell cycle of budding yeast. *Experimental Cell Research*, **1986**, 162, 544-8	4.2	39
118	Molecular cloning and transcriptional analysis of the start gene CDC25 of Saccharomyces cerevisiae. *EMBO Journal*, **1986**, 5, 2363-2369	13	39
117	Analysis of the gene expression profile of mouse male meiotic germ cells. *Gene Expression Patterns*, **2004**, 4, 267-81	1.5	38
116	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. *Biology of Reproduction*, **2001**, 65, 488-95	3.9	38
115	Flow cytometry and cell cycle kinetics in continuous and fed-batch fermentations of budding yeast. *Biotechnology Progress*, **1991**, 7, 299-304	2.8	38
114	Modeling and stochastic simulation of the Ras/cAMP/PKA pathway in the yeast Saccharomyces cerevisiae evidences a key regulatory function for intracellular guanine nucleotides pools. *Journal of Biotechnology*, **2008**, 133, 377-85	3.7	37
113	Evidence for inositol triphosphate as a second messenger for glucose-induced calcium signalling in budding yeast. *Current Genetics*, **2004**, 45, 83-9	2.9	37
112	Cloning, sequencing and expression in E. coli of a D-amino acid oxidase cDNA from Rhodotorula gracilis active on cephalosporin C. *Journal of Biotechnology*, **1997**, 58, 115-23	3.7	36
111	The PLC1 encoded phospholipase C in the yeast Saccharomyces cerevisiae is essential for glucose-induced phosphatidylinositol turnover and activation of plasma membrane H+-ATPase. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1998**, 1405, 147-54	4.9	36
110	Glucose-induced calcium influx in budding yeast involves a novel calcium transport system and can activate calcineurin. *Cell Calcium*, **2011**, 49, 376-86	4	35
109	Design, synthesis and biological evaluation of sugar-derived Ras inhibitors. *ChemBioChem*, **2005**, 6, 1839-48	3.4	35
108	Functional expression of the transcriptional activator Opaque-2 of Zea mays in transformed yeast. *Molecular Genetics and Genomics*, **1993**, 241, 319-26		35
107	The minimal active domain of the mouse ras exchange factor CDC25Mm. *Biochemical and Biophysical Research Communications*, **1995**, 206, 253-9	3.4	33
106	Selective cytotoxicity of a bicyclic Ras inhibitor in cancer cells expressing K-Ras(G13D). *Biochemical and Biophysical Research Communications*, **2009**, 386, 593-7	3.4	32
105	Chromosome separation and exit from mitosis in budding yeast: dependence on growth revealed by cAMP-mediated inhibition. *Experimental Cell Research*, **1999**, 250, 510-23	4.2	32
104	Macromolecular syntheses in the cell cycle mutant cdc25 of budding yeast. *FEBS Journal*, **1984**, 144, 205-10		32
103	Expression of two different products of CDC25Mm, a mammalian Ras activator, during development of mouse brain. *Experimental Cell Research*, **1994**, 210, 353-7	4.2	29

102	Functional analysis of RalGPS2, a murine guanine nucleotide exchange factor for RalA GTPase. *Experimental Cell Research*, **2007**, 313, 2293-307	4.2	28
101	Live-cell imaging of endogenous Ras-GTP shows predominant Ras activation at the plasma membrane and in the nucleus in Saccharomyces cerevisiae. *International Journal of Biochemistry and Cell Biology*, **2013**, 45, 384-94	5.6	25
100	Lack of HXK2 induces localization of active Ras in mitochondria and triggers apoptosis in the yeast Saccharomyces cerevisiae. *Oxidative Medicine and Cellular Longevity*, **2013**, 2013, 678473	6.7	25
99	Design, synthesis, and biological evaluation of levoglucosenone-derived ras activation inhibitors. *ChemMedChem*, **2009**, 4, 524-8	3.7	25
98	Transcriptomic and proteomic analyses of mouse cerebellum reveals alterations in RasGRF1 expression following in vivo chronic treatment with delta 9-tetrahydrocannabinol. *Journal of Molecular Neuroscience*, **2009**, 37, 111-22	3.3	25
97	A double flow cytometric tag allows tracking of the dynamics of cell cycle progression of newborn Saccharomyces cerevisiae cells during balanced exponential growth. *Yeast*, **1995**, 11, 1157-69	3.4	25
96	Alteration of cell population structure due to cell lysis in Saccharomyces cerevisiae cells overexpressing the GAL4 gene. *Yeast*, **1993**, 9, 575-82	3.4	25
95	The involvement of calcium carriers and of the vacuole in the glucose-induced calcium signaling and activation of the plasma membrane H(+)-ATPase in Saccharomyces cerevisiae cells. *Cell Calcium*, **2012**, 51, 72-81	4	24
94	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. *European Journal of Neuroscience*, **1999**, 11, 959-66	3.5	24
93	Bioconversion of lactose/whey to fructose diphosphate with recombinant saccharomyces cerevisiae cells. *Biotechnology and Bioengineering*, **1993**, 42, 398-400	4.9	24
92	Localization of Ras signaling complex in budding yeast. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2012**, 1823, 1208-16	4.9	23
91	Simulation of the Ras/cAMP/PKA pathway in budding yeast highlights the establishment of stable oscillatory states. *Biotechnology Advances*, **2012**, 30, 99-107	17.8	23
90	Glucose-derived Ras pathway inhibitors: evidence of Ras-ligand binding and Ras-GEF (Cdc25) interaction inhibition. *ChemBioChem*, **2007**, 8, 1376-9	3.8	23
89	The glucose-induced polyphosphoinositides turnover in Saccharomyces cerevisiae is not dependent on the CDC25-RAS mediated signal transduction pathway. *FEBS Letters*, **1990**, 274, 19-22	3.8	23
88	Molecular cloning and regulation of the expression of the MET2 gene of Saccharomyces cerevisiae. *Gene*, **1986**, 46, 71-8	3.8	23
87	Sugar-Derived Ras Inhibitors: Group Epitope Mapping by NMR Spectroscopy and Biological Evaluation. *European Journal of Organic Chemistry*, **2006**, 2006, 3707-3720	3.2	22
86	Involvement of CDC25Mm/Ras-GRF1-dependent signaling in the control of neuronal excitability. *Molecular and Cellular Neurosciences*, **2001**, 18, 691-701	4.8	22
85	Flow-Cytometric Determination of the Respiratory Activity in Growing Saccharomyces cerevisiae Populations. *Biotechnology Progress*, **1994**, 10, 193-197	2.8	22

84	A computer algorithm for the analysis of protein distribution in budding yeast. *Cytometry*, **1984**, 5, 81-5		22
83	RalGPS2 is involved in tunneling nanotubes formation in 5637 bladder cancer cells. *Experimental Cell Research*, **2018**, 362, 349-361	4.2	22
82	The role of feedback control mechanisms on the establishment of oscillatory regimes in the Ras/cAMP/PKA pathway in S. cerevisiae. *Eurasip Journal on Bioinformatics and Systems Biology*, **2012** , 2012, 10		21
81	Overexpression of the CDC25 gene, an upstream element of the RAS/adenylyl cyclase pathway in Saccharomyces cerevisiae, allows immunological identification and characterization of its gene product. *Biochemical and Biophysical Research Communications*, **1990**, 172, 61-9	3.4	21
80	Carbonyl cyanide m-chlorophenylhydrazone induced calcium signaling and activation of plasma membrane H(+)-ATPase in the yeast Saccharomyces cerevisiae. *FEMS Yeast Research*, **2008**, 8, 622-30	3.1	20
79	Calcium signaling and sugar-induced activation of plasma membrane H(+)-ATPase in Saccharomyces cerevisiae cells. *Biochemical and Biophysical Research Communications*, **2006**, 343, 1234-43	3.4	20
78	Characterization and properties of dominant-negative mutants of the ras-specific guanine nucleotide exchange factor CDC25(Mm). *Journal of Biological Chemistry*, **1999**, 274, 36656-62	5.4	20
77	Analysis of a model of cell cycle in eukaryotes. *Journal of Theoretical Biology*, **1980**, 87, 171-88	2.3	20
76	Hypotonic stress-induced calcium signaling in Saccharomyces cerevisiae involves TRP-like transporters on the endoplasmic reticulum membrane. *Cell Calcium*, **2015**, 57, 57-68	4	19
75	Identification of different daughter and parent subpopulations in an asynchronously growing Saccharomyces cerevisiae population. *Research in Microbiology*, **1997**, 148, 205-15	4	19
74	Identification of gene encoding a putative RNA-helicase, homologous to SKI2, in chromosome VII of Saccharomyces cerevisiae. *Yeast*, **1997**, 13, 391-7	3.4	18
73	Secretion of Escherichia coli beta-galactosidase in Saccharomyces cerevisiae using the signal sequence from the glucoamylase-encoding STA2 gene. *Biochemical and Biophysical Research Communications*, **1989**, 164, 1331-8	3.4	18
72	3-Nitrocoumarin is an efficient inhibitor of budding yeast phospholipase-C. *Cell Biochemistry and Function*, **2001**, 19, 229-35	4.2	17
71	Properties of the catalytic domain of CDC25, a Saccharomyces cerevisiae GDP/GTP exchange factor: comparison of its activity on full-length and C-terminal truncated RAS2 proteins. *Biochemical and Biophysical Research Communications*, **1994**, 199, 497-503	3.4	17
70	In Saccharomyces cerevisiae a short amino acid sequence facilitates excretion in the growth medium of periplasmic proteins. *Molecular Microbiology*, **1997**, 23, 997-1007	4.1	16
69	Heterologous gene expression in continuous cultures of budding yeast. *Applied Microbiology and Biotechnology*, **1991**, 34, 632-6	5.7	16
68	Expression of high levels of human tissue plasminogen activator in yeast under the control of an inducible GAL promoter. *Applied Microbiology and Biotechnology*, **1992**, 37, 604-8	5.7	16
67	A bimolecular mechanism for the cell size control of the cell cycle. *BioSystems*, **1983**, 16, 297-305	1.9	16

66	The deubiquitinating enzyme UBPy/USP8 interacts with TrkA and inhibits neuronal differentiation in PC12 cells. *Experimental Cell Research*, **2015**, 333, 49-59	4.2	15
65	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, 18658-63	11.5	15
64	Copy number modulation in an autoselection system for stable plasmid maintenance in Saccharomyces cerevisiae. *Biotechnology Progress*, **1993**, 9, 594-9	2.8	15
63	Level and turnover of polyadenylate-containing ribonucleic acid in Neurospora crassa in different steady states of growth. *FEBS Journal*, **1979**, 99, 1-7		15
62	Detection of cAMP and of PKA activity in Saccharomyces cerevisiae single cells using Fluorescence Resonance Energy Transfer (FRET) probes. *Biochemical and Biophysical Research Communications*, **2017**, 487, 594-599	3.4	14
61	Involvement of Aif1 in apoptosis triggered by lack of Hxk2 in the yeast Saccharomyces cerevisiae. *FEMS Yeast Research*, **2016**, 16,	3.1	14
60	PKA-dependent regulation of Cdc25 RasGEF localization in budding yeast. *FEBS Letters*, **2011**, 585, 3914-20	3.0	14
59	The promoter of Saccharomyces cerevisiae FBA1 gene contains a single positive upstream regulatory element. *FEBS Letters*, **1991**, 293, 97-100	3.8	14
58	Development of a pH-controlled fed-batch system for budding yeast. *Research in Microbiology*, **1991**, 142, 535-9	4	14
57	High levels of inducible expression of cloned □galactosidase ofKluyveromyces lactis inSaccharomyces cerevisiae. *Applied Microbiology and Biotechnology*, **1986**, 25, 124-131	5.7	14
56	Molecular cloning and transcriptional analysis of the start gene CDC25 of Saccharomyces cerevisiae. *EMBO Journal*, **1986**, 5, 2363-2369	13	14
55	Peptide-nanoparticle ligation mediated by cutinase fusion for the development of cancer cell-targeted nanoconjugates. *Bioconjugate Chemistry*, **2015**, 26, 680-9	6.3	13
54	The budding yeast RasGEF Cdc25 reveals an unexpected nuclear localization. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2008**, 1783, 2363-74	4.9	13
53	The N-terminal region of the Saccharomyces cerevisiae RasGEF Cdc25 is required for nutrient-dependent cell-size regulation. *Microbiology (United Kingdom)*, **2006**, 152, 1231-1242	2.9	13
52	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. *Annals of the New York Academy of Sciences*, **2002**, 973, 5-7	6.5	13
51	Development of high cell density cultures of engineeredSaccharomyces cerevisiae cells able to grow on lactose. *Biotechnology Letters*, **1992**, 14, 1085-1088	3	13
50	Cell cycle modelling. *BioSystems*, **1986**, 19, 23-44	1.9	13
49	Physiological and genetic modulation of inducible expression ofEscherichia coli □galactosidase inSaccharomyces cerevisiae. *Applied Microbiology and Biotechnology*, **1988**, 28, 160-165	5.7	12

48	The transcription factor Swi4 is target for PKA regulation of cell size at the G1 to S transition in Saccharomyces cerevisiae. *Cell Cycle*, **2015**, 14, 2429-38	4.7	11
47	Enhanced expression of heterologous proteins by the use of a superinducible vector in budding yeast. *Applied Microbiology and Biotechnology*, **1992**, 36, 655-8	5.7	11
46	G1 phase heterogeneity in exponentially growing Swiss 3T3 mouse fibroblasts. *Experimental Cell Research*, **1984**, 153, 135-44	4.2	11
45	The large N-terminal domain of Cdc25 protein of the yeast Saccharomyces cerevisiae is required for glucose-induced Ras2 activation. *FEMS Yeast Research*, **2007**, 7, 1270-5	3.1	10
44	Design and characterization of a new class of inhibitors of ras activation. *Annals of the New York Academy of Sciences*, **2004**, 1030, 52-61	6.5	10
43	Protein and cell volume distributions during the production of beta-galactosidase in batch cultures of Kluyveromyces lactis. *Journal of Biotechnology*, **1987**, 5, 227-231	3.7	10
42	Structure-activity studies on arylamides and arysulfonamides Ras inhibitors. *Current Cancer Drug Targets*, **2010**, 10, 192-9	2.8	9
41	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. *FEBS Letters*, **1998**, 440, 291-6	3.8	9
40	Molecular cloning and developmental pattern of expression of MSJ-1, a new male germ cell-specific DNAJ homologue. *Advances in Experimental Medicine and Biology*, **1998**, 444, 145-50; discussion 151	3.6	9
39	Cloning and characterization of a new Ral-GEF expressed in mouse testis. *Annals of the New York Academy of Sciences*, **2002**, 973, 135-7	6.5	8
38	The overexpression of the 3Rterminal region of the CDC25 gene of Saccharomyces cerevisiae causes growth inhibition and alteration of purine nucleotides pools. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1991**, 1089, 206-12		8
37	Translational regulation of the expression of zein cloned in yeast under an inducible GAL promoter. *Biochemical and Biophysical Research Communications*, **1987**, 146, 809-14	3.4	8
36	Dansylalanyllysylchloromethyl ketone as a fluorescent probe for localization of acrosin activity in boar and human spermatozoa. *Journal of Histochemistry and Cytochemistry*, **1984**, 32, 526-30	3.4	8
35	Low-temperature restriction of the rate of protein synthesis in Neurospora crassa. *Experimental Mycology*, **1977**, 1, 339-351		8
34	Activation of amyloid precursor protein processing by growth factors is dependent on Ras GTPase activity. *Neurochemical Research*, **2011**, 36, 392-8	4.6	7
33	Functional coupling of the mammalian EGF receptor to the Ras/cAMP pathway in the yeast Saccharomyces cerevisiae. *Current Genetics*, **2008**, 53, 153-62	2.9	7
32	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. *Biochemical Journal*, **2001**, 359, 517-23	3.8	7
31	Posttranscriptional regulation of the expression of MET2 gene of Saccharomyces cerevisiae. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **1991**, 1089, 47-53		7

30	Yeast as a model for Ras signalling. *Methods in Molecular Biology*, **2014**, 1120, 359-90	1.4	7
29	Monitoring yeast intracellular Ca2+ levels using an in vivo bioluminescence assay. *Cold Spring Harbor Protocols*, **2015**, 2015, 210-3	1.2	6
28	Nuclear Ras2-GTP controls invasive growth in Saccharomyces cerevisiae. *PLoS ONE*, **2013**, 8, e79274	3.7	6
27	Selection of yeast cells with a higher plasmid copy number in a Saccharomyces cerevisiae autoselection system. *Yeast*, **1996**, 12, 199-205	3.4	6
26	Highly efficient bioconversion of glucose into fructose diphosphate with fed-batch-grown Saccharomyces cerevisiae cells. *Applied Microbiology and Biotechnology*, **1992**, 36, 535	5.7	6
25	Evidence for adenylate cyclase as a scaffold protein for Ras2-Ira interaction in Saccharomyces cerevisie. *Cellular Signalling*, **2014**, 26, 1147-54	4.9	5
24	The PH-PxxP domain of RalGPS2 promotes PC12 cells differentiation acting as a dominant negative for RalA GTPase activation. *Neuroscience Research*, **2010**, 66, 290-8	2.9	5
23	Yeast 2 micron vectors replicate and undergo recombination in Torulaspora delbrueckii. *Molecular Microbiology*, **1989**, 3, 1003-10	4.1	5
22	High levels of inducible expression of cloned ?-galactosidase of Kluyveromyces lactis in Saccharomyces cerevisiae. *Applied Microbiology and Biotechnology*, **1986**, 25, 124-131	5.7	5
21	Lack of SNF1 induces localization of active Ras in mitochondria and triggers apoptosis in the yeast Saccharomyces cerevisiae. *Biochemical and Biophysical Research Communications*, **2020**, 523, 130-134	3.4	5
20	Identification of novel RasGRF1 interacting partners by large-scale proteomic analysis. *Journal of Molecular Neuroscience*, **2009**, 37, 212-24	3.3	4
19	The overexpression of the CDC25 gene of Saccharomyces cerevisiae causes a derepression of GAL system and an increase of GAL4 transcription. *International Journal of Biochemistry and Cell Biology*, **2000**, 32, 215-24	5.6	4
18	The sequence of 8.8 kb of yeast chromosome III cloned in lambda PM3270 contains an unusual long ORF (YCR601). *Yeast*, **1991**, 7, 631-41	3.4	4
17	Inhibition of RNA synthesis in Neurospora crassa hyphae treated with picolinic acid. *FEBS Journal*, **1981**, 121, 71-6		4
16	Methods to study the Ras2 protein activation state and the subcellular localization of Ras-GTP in Saccharomyces cerevisiae. *Methods in Molecular Biology*, **2014**, 1120, 391-405	1.4	3
15	Cytochemical demonstration that acrosin is unavailable in intact ejaculated boar and bull spermatozoa. *The Journal of Experimental Zoology*, **1982**, 222, 149-54		3
14	Antagonism between salicylate and the cAMP signal controls yeast cell survival and growth recovery from quiescence. *Microbial Cell*, **2018**, 5, 344-356	3.9	3
13	Dynamic of VE-cadherin-mediated spermatid-Sertoli cell contacts in the mouse seminiferous epithelium. *Histochemistry and Cell Biology*, **2018**, 150, 173-185	2.4	3

12	Analysis of the secondary structure of the catalytic domain of mouse Ras exchange factor CDC25Mm. *BBA - Proteins and Proteomics*, **1998**, 1383, 292-300		2
11	Growth phase modulation of the productivity of Egalactosidase in budding yeast cultures. *Journal of Biotechnology*, **1989**, 12, 71-78	3.7	2
10	RalGPS2 Interacts with Akt and PDK1 Promoting Tunneling Nanotubes Formation in Bladder Cancer and Kidney Cells Microenvironment.. *Cancers*, **2021**, 13,	6.6	2
9	Ubiquitin Specific Peptidase 8 **2013**, 2070-2075		1
8	Biochemical studies on proacrosin and acrosin from epididymal boar spermatozoa: in vitro translation of boar testicular proacrosin mRNA. *Biochemical and Biophysical Research Communications*, **1986**, 138, 139-45	3.4	1
7	Modeling Controls and Variability of the Cell Cycle. *Lecture Notes in Biomathematics*, **1985**, 239-246		1
6	In S. cerevisiae hydroxycitric acid antagonizes chronological aging and apoptosis regardless of citrate lyase. *Apoptosis: an International Journal on Programmed Cell Death*, **2020**, 25, 686-696	5.4	1
5	Fast detection of PKA activity in Saccharomyces cerevisiae cell population using AKAR fluorescence resonance energy transfer probes.. *Cellular Signalling*, **2022**, 92, 110262	4.9	0
4	Total cellular Ca2+ measurements in yeast using flame photometry. *Cold Spring Harbor Protocols*, **2015**, 2015, 214-6	1.2	
3	Measurement of calcium uptake in yeast using 45Ca. *Cold Spring Harbor Protocols*, **2015**, 2015, 217-8	1.2	
2	Kinetics and Regulation of Tyrosine Phosphorylation of the Platelet Derived Growth Factor Receptor. *Tumori*, **1989**, 75, 362-366	1.7	
1	Modeling microbial growth: A model of growth and cell division of Escherichia coli. *Bollettino Di Zoologia*, **1979**, 46, 127-135		