

# Shingo Izawa

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/4751072/shingo-izawa-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

94  
papers

2,879  
citations

26  
h-index

50  
g-index

95  
ext. papers

3,169  
ext. citations

4.1  
avg. IF

4.97  
L-index

| #  | Paper  | IF  | Citations |
|----|--|-----|-----------|
| 94 | Severe ethanol stress induces the preferential synthesis of mitochondrial disaggregase Hsp78 and formation of DUMPs in <i>Saccharomyces cerevisiae</i> .. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2022</b> , 130147                 | 4   | 0         |
| 93 | Acquired Resistance to Severe Ethanol Stress in <i>Saccharomyces cerevisiae</i> Protein Quality Control. <i>Applied and Environmental Microbiology</i> , <b>2021</b> , 87,   | 4.8 | 3         |
| 92 | Amino acid homeostatic control by TORC1 in under high hydrostatic pressure. <i>Journal of Cell Science</i> , <b>2020</b> , 133,  | 5.3 | 1         |
| 91 | Xylene causes oxidative stress and pronounced translation repression in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>2019</b> , 128, 697-703   | 3.3 | 1         |
| 90 | Ferrous chloride and ferrous sulfate improve the fungicidal efficacy of cold atmospheric argon plasma on melanized <i>Aureobasidium pullulans</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>2019</b> , 128, 28-32                           | 3.3 | 14        |
| 89 | Btn2 is involved in the clearance of denatured proteins caused by severe ethanol stress in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , <b>2019</b> , 19,  | 3.1 | 5         |
| 88 | Nutrient Signaling via the TORC1-Greatwall-PP2A Pathway Is Responsible for the High Initial Rates of Alcoholic Fermentation in Sake Yeast Strains of <i>Saccharomyces cerevisiae</i> . <i>Applied and Environmental Microbiology</i> , <b>2019</b> , 85, | 4.8 | 8         |
| 87 | The VFH1 (YLL056C) promoter is vanillin-inducible and enables mRNA translation despite pronounced translation repression caused by severe vanillin stress in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , <b>2018</b> , 35, 465-475                  | 3.4 | 5         |
| 86 | Cold atmospheric pressure plasma causes protein denaturation and endoplasmic reticulum stress in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 2279-2288  | 5.7 | 21        |
| 85 | Improvement of Yeast Fermentation Efficiency Utilizing mRNAs Preferentially Translated Under Translational Repression <b>2018</b> , 1-15   |     |           |
| 84 | Persistent actin depolarization caused by ethanol induces the formation of multiple small cortical septin rings in yeast. <i>Journal of Cell Science</i> , <b>2018</b> , 131,  | 5.3 | 6         |
| 83 | Protein synthesis of Btn2 under pronounced translation repression during the process of alcoholic fermentation and wine-making in yeast. <i>Applied Microbiology and Biotechnology</i> , <b>2018</b> , 102, 9669-9677                                    | 5.7 | 2         |
| 82 | The yeast ADH7 promoter enables gene expression under pronounced translation repression caused by the combined stress of vanillin, furfural, and 5-hydroxymethylfurfural. <i>Journal of Biotechnology</i> , <b>2017</b> , 252, 65-72                     | 3.7 | 12        |
| 81 | Potential role of heme metabolism in the inducible expression of heme oxygenase-1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 1813-1824   | 4   | 12        |
| 80 | The novel heme-dependent inducible protein, SRRD regulates heme biosynthesis and circadian rhythms. <i>Archives of Biochemistry and Biophysics</i> , <b>2017</b> , 631, 19-29  | 4.1 | 3         |
| 79 | Trans 18-carbon monoenoic fatty acid has distinct effects from its isomeric cis fatty acid on lipotoxicity and gene expression in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>2017</b> , 123, 33-38           | 3.3 | 1         |
| 78 | Acetic Acid Causes Endoplasmic Reticulum Stress and Induces the Unfolded Protein Response in. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 1192   | 5.7 | 20        |

|    |  |     |    |
|----|--|-----|----|
| 77 | Fluorescence microscopic analysis of antifungal effects of cold atmospheric pressure plasma in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 9295-9304  | 5.7 | 17 |
| 76 | Enhancement of protein production via the strong DIT1 terminator and two RNA-binding proteins in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , <b>2016</b> , 6, 36997  | 4.9 | 14 |
| 75 | Prioritized Expression of BTN2 of <i>Saccharomyces cerevisiae</i> under Pronounced Translation Repression Induced by Severe Ethanol Stress. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1319   | 5.7 | 13 |
| 74 | Prioritized Expression of BDH2 under Bulk Translational Repression and Its Contribution to Tolerance to Severe Vanillin Stress in <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1059                                   | 5.7 | 15 |
| 73 | The Histone Deacetylase Gene Rpd3 Is Required for Starvation Stress Resistance. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167554   | 3.7 | 10 |
| 72 | Enhancements of the production of bilirubin and the expression of $\beta$ globin by carbon monoxide during erythroid differentiation. <i>FEBS Letters</i> , <b>2016</b> , 590, 1447-54   | 3.8 | 6  |
| 71 | The ADH7 Promoter of <i>Saccharomyces cerevisiae</i> is Vanillin-Inducible and Enables mRNA Translation Under Severe Vanillin Stress. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 1390   | 5.7 | 23 |
| 70 | Plasma membrane proteins Yro2 and Mrh1 are required for acetic acid tolerance in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2015</b> , 99, 2805-14   | 5.7 | 19 |
| 69 | Yeast mRNA Flux During Brewing and Under Ethanol Stress Conditions <b>2015</b> , 43-57   |     | 1  |
| 68 | Importance of glucose-6-phosphate dehydrogenase (G6PDH) for vanillin tolerance in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>2014</b> , 118, 263-9   | 3.3 | 23 |
| 67 | Isolation of lactic acid-tolerant <i>Saccharomyces cerevisiae</i> from Cameroonian alcoholic beverage. <i>Journal of Bioscience and Bioengineering</i> , <b>2014</b> , 118, 657-60   | 3.3 | 3  |
| 66 | Vanillin causes the activation of Yap1 and mitochondrial fragmentation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>2014</b> , 117, 33-8  | 3.3 | 38 |
| 65 | Adaptive response in stress granule formation and bulk translational repression upon a combined stress of mild heat shock and mild ethanol stress in yeast. <i>Genes To Cells</i> , <b>2013</b> , 18, 974-84   | 2.3 | 24 |
| 64 | Biomass conversion inhibitors furfural and 5-hydroxymethylfurfural induce formation of messenger RNP granules and attenuate translation activity in <i>Saccharomyces cerevisiae</i> . <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 1661-7 | 4.8 | 51 |
| 63 | Vanillin inhibits translation and induces messenger ribonucleoprotein (mRNP) granule formation in <i>saccharomyces cerevisiae</i> : application and validation of high-content, image-based profiling. <i>PLoS ONE</i> , <b>2013</b> , 8, e61748               | 3.7 | 60 |
| 62 | Temperature dependent N-glycosylation of plasma membrane heat shock protein Hsp30p in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 420, 119-23   | 3.4 | 5  |
| 61 | Acidic stress induces the formation of P-bodies, but not stress granules, with mild attenuation of bulk translation in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , <b>2012</b> , 446, 225-33  | 3.8 | 22 |
| 60 | Reduction of glucose uptake through inhibition of hexose transporters and enhancement of their endocytosis by methylglyoxal in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 701-711                           | 5.4 | 22 |

|    |   |     |    |
|----|---|-----|----|
| 59 | Glutathione peroxidase 2 in <i>Saccharomyces cerevisiae</i> is distributed in mitochondria and involved in sporulation. <i>Biochemical and Biophysical Research Communications</i> , <b>2011</b> , 411, 580-5   | 3.4 | 16 |
| 58 | Modification of yeast characteristics by soy peptides: cultivation with soy peptides represses the formation of lipid bodies. <i>Applied Microbiology and Biotechnology</i> , <b>2011</b> , 89, 1971-7  | 5.7 | 15 |
| 57 | Severe ethanol stress induces assembly of stress granules in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , <b>2011</b> , 28, 339-47  | 3.4 | 50 |
| 56 | Regulatory mechanism for expression of GPX1 in response to glucose starvation and Ca in <i>Saccharomyces cerevisiae</i> : involvement of Snf1 and Ras/cAMP pathway in Ca signaling. <i>Genes To Cells</i> , <b>2010</b> , 15, 59-75                       | 2.3 | 14 |
| 55 | Calcineurin/Crz1 destabilizes Msn2 and Msn4 in the nucleus in response to Ca(2+) in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , <b>2010</b> , 427, 275-87  | 3.8 | 17 |
| 54 | Ethanol stress response in the mRNA flux of <i>Saccharomyces cerevisiae</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2010</b> , 74, 7-12  | 2.1 | 10 |
| 53 | Methylglyoxal activates Gcn2 to phosphorylate eIF2alpha independently of the TOR pathway in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 86, 1887-94   | 5.7 | 11 |
| 52 | Vacuolar morphology of <i>Saccharomyces cerevisiae</i> during the process of wine making and Japanese sake brewing. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 88, 277-82  | 5.7 | 21 |
| 51 | Ethanol Stress Response in mRNA Flux of <i>Saccharomyces cerevisiae</i> . <i>Journal of the Brewing Society of Japan</i> , <b>2010</b> , 105, 63-68   |     |    |
| 50 | Post-transcriptional regulation of gene expression in yeast under ethanol stress. <i>Biotechnology and Applied Biochemistry</i> , <b>2009</b> , 53, 93-9  | 2.8 | 6  |
| 49 | Role of Gcn4 for adaptation to methylglyoxal in <i>Saccharomyces cerevisiae</i> : methylglyoxal attenuates protein synthesis through phosphorylation of eIF2alpha. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 376, 738-42 | 3.4 | 10 |
| 48 | Heat shock and ethanol stress provoke distinctly different responses in 3Sprocessing and nuclear export of HSP mRNA in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , <b>2008</b> , 414, 111-9  | 3.8 | 27 |
| 47 | Potential of Yeasts Isolated in Botrytized Grape Juice to be New Wine Yeasts. <i>Food Science and Technology Research</i> , <b>2008</b> , 14, 345-350   | 0.8 | 3  |
| 46 | Formation of cytoplasmic P-bodies in sake yeast during Japanese sake brewing and wine making. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2007</b> , 71, 2800-7  | 2.1 | 24 |
| 45 | Improvement of tolerance to freeze-thaw stress of baker's yeast by cultivation with soy peptides. <i>Applied Microbiology and Biotechnology</i> , <b>2007</b> , 75, 533-7   | 5.7 | 20 |
| 44 | Release of thioredoxin from <i>Saccharomyces cerevisiae</i> with environmental stimuli: solubilization of thioredoxin with ethanol. <i>Applied Microbiology and Biotechnology</i> , <b>2007</b> , 75, 1393-9  | 5.7 | 3  |
| 43 | Efficient extraction of thioredoxin from <i>Saccharomyces cerevisiae</i> by ethanol. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 1672-5   | 4.8 | 9  |
| 42 | Msn2p/Msn4p-activation is essential for the recovery from freezing stress in yeast. <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 352, 750-5   | 3.4 | 17 |

|    |   |     |    |
|----|---|-----|----|
| 41 | Modulation of Spc1 stress-activated protein kinase activity by methylglyoxal through inhibition of protein phosphatase in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2007</b> , 363, 942-7  | 3.4 | 4  |
| 40 | Green tea polyphenols function as prooxidants to activate oxidative-stress-responsive transcription factors in yeasts. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 572-80   | 4.8 | 73 |
| 39 | Asr1, an alcohol-responsive factor of <i>Saccharomyces cerevisiae</i> , is dispensable for alcoholic fermentation. <i>Applied Microbiology and Biotechnology</i> , <b>2006</b> , 72, 560-5  | 5.7 | 10 |
| 38 | Methylglyoxal as a signal initiator for activation of the stress-activated protein kinase cascade in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 9086-92   | 5.4 | 33 |
| 37 | Enrichment of yeast thioredoxin by green tea extract through activation of Yap1 transcription factor in <i>Saccharomyces cerevisiae</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 332-7   | 5.7 | 17 |
| 36 | Diagnosis of cell death induced by methylglyoxal, a metabolite derived from glycolysis, in <i>Saccharomyces cerevisiae</i> . <i>FEMS Microbiology Letters</i> , <b>2005</b> , 243, 87-92  | 2.9 | 27 |
| 35 | Characterization of Rat8 localization and mRNA export in <i>Saccharomyces cerevisiae</i> during the brewing of Japanese sake. <i>Applied Microbiology and Biotechnology</i> , <b>2005</b> , 69, 86-91   | 5.7 | 12 |
| 34 | Unique regulation of glyoxalase I activity during osmotic stress response in the fission yeast <i>Schizosaccharomyces pombe</i> : neither the mRNA nor the protein level of glyoxalase I increase under conditions that enhance its activity. <i>Archives of Microbiology</i> , <b>2005</b> , 183, 224-7    | 3   | 4  |
| 33 | GPX2, encoding a phospholipid hydroperoxide glutathione peroxidase homologue, codes for an atypical 2-Cys peroxiredoxin in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 42078-87   | 5.4 | 81 |
| 32 | Methylglyoxal, a metabolite derived from glycolysis, functions as a signal initiator of the high osmolarity glycerol-mitogen-activated protein kinase cascade and calcineurin/Crz1-mediated pathway in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 253-60 | 5.4 | 89 |
| 31 | Characterization of the export of bulk poly(A) <sup>+</sup> mRNA in <i>Saccharomyces cerevisiae</i> during the wine-making process. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 2179-82   | 4.8 | 16 |
| 30 | Gle2p is essential to induce adaptation of the export of bulk poly(A) <sup>+</sup> mRNA to heat shock in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 35469-78   | 5.4 | 25 |
| 29 | Activity of the Yap1 transcription factor in <i>Saccharomyces cerevisiae</i> is modulated by methylglyoxal, a metabolite derived from glycolysis. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 8753-64   | 4.8 | 73 |
| 28 | Stress response in yeast mRNA export factor: reversible changes in Rat8p localization are caused by ethanol stress but not heat shock. <i>Journal of Cell Science</i> , <b>2004</b> , 117, 4189-97  | 5.3 | 46 |
| 27 | Identification of thermostable glyoxalase I in the fission yeast <i>Schizosaccharomyces pombe</i> . <i>Archives of Microbiology</i> , <b>2004</b> , 181, 371-7  | 3   | 18 |
| 26 | Nuclear thioredoxin peroxidase Dot5 in <i>Saccharomyces cerevisiae</i> : roles in oxidative stress response and disruption of telomeric silencing. <i>Applied Microbiology and Biotechnology</i> , <b>2004</b> , 64, 120-4  | 5.7 | 8  |
| 25 | A screening system for antioxidants using thioredoxin-deficient yeast: discovery of thermostable antioxidant activity from <i>Agaricus blazei</i> Murill. <i>Applied Microbiology and Biotechnology</i> , <b>2004</b> , 64, 537-42  | 5.7 | 36 |
| 24 | Intracellular glycerol influences resistance to freeze stress in <i>Saccharomyces cerevisiae</i> : analysis of a quadruple mutant in glycerol dehydrogenase genes and glycerol-enriched cells. <i>Applied Microbiology and Biotechnology</i> , <b>2004</b> , 66, 108-14                                     | 5.7 | 72 |

|    |   |     |     |
|----|---|-----|-----|
| 23 | Deficiency in the glycerol channel Fps1p confers increased freeze tolerance to yeast cells: application of the <i>fps1delta</i> mutant to frozen dough technology. <i>Applied Microbiology and Biotechnology</i> , <b>2004</b> , 66, 303-5  | 5.7 | 25  |
| 22 | Regulation of the yeast phospholipid hydroperoxide glutathione peroxidase GPX2 by oxidative stress is mediated by Yap1 and Skn7. <i>FEBS Letters</i> , <b>2004</b> , 565, 148-54  | 3.8 | 35  |
| 21 | Distinct regulatory mechanism of yeast GPX2 encoding phospholipid hydroperoxide glutathione peroxidase by oxidative stress and a calcineurin/Crz1-mediated Ca <sup>2+</sup> signaling pathway. <i>FEBS Letters</i> , <b>2004</b> , 569, 301-6   | 3.8 | 18  |
| 20 | Regulation of the yeast Yap1p nuclear export signal is mediated by redox signal-induced reversible disulfide bond formation. <i>Molecular and Cellular Biology</i> , <b>2001</b> , 21, 6139-50  | 4.8 | 203 |
| 19 | The Zrc1 is involved in zinc transport system between vacuole and cytosol in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 282, 79-83  | 3.4 | 56  |
| 18 | The Yap1p-dependent induction of glutathione synthesis in heat shock response of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 15535-40   | 5.4 | 103 |
| 17 | Cooperative regulation of DOG2, encoding 2-deoxyglucose-6-phosphate phosphatase, by Snf1 kinase and the high-osmolarity glycerol-mitogen-activated protein kinase cascade in stress responses of <i>Saccharomyces cerevisiae</i> . <i>Journal of Bacteriology</i> , <b>2000</b> , 182, 5121-6 | 3.5 | 25  |
| 16 | Expression of ZRC1 coding for suppressor of zinc toxicity is induced by zinc-starvation stress in Zap1-dependent fashion in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 276, 879-84  | 3.4 | 30  |
| 15 | Role of glutathione in heat-shock-induced cell death of <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , <b>2000</b> , 352, 71  | 3.8 | 23  |
| 14 | Role of glutathione in heat-shock-induced cell death of <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , <b>2000</b> , 352, 71-78   | 3.8 | 25  |
| 13 | Genetic analysis of glutathione peroxidase in oxidative stress response of <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 27002-9  | 5.4 | 202 |
| 12 | Thioredoxin deficiency causes the constitutive activation of Yap1, an AP-1-like transcription factor in <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 28459-65  | 5.4 | 122 |
| 11 | Molecular identification of glutathione synthetase (GSH2) gene from <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1998</b> , 1395, 315-20  |     | 36  |
| 10 | Importance of glucose-6-phosphate dehydrogenase in the adaptive response to hydrogen peroxide in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , <b>1998</b> , 330 ( Pt 2), 811-7  | 3.8 | 100 |
| 9  | Roles of Esterase and Alcohol Acetyltransferase on Production of Isoamyl Acetate in <i>Hansenula mrakii</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>1997</b> , 45, 644-649   | 5.7 | 52  |
| 8  | Importance of catalase in the adaptive response to hydrogen peroxide: analysis of acatalasaemic <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , <b>1996</b> , 320 ( Pt 1), 61-7  | 3.8 | 183 |
| 7  | Evaluation of Catechin and its Derivatives as Antioxidant: Recovery of Growth Arrest of <i>Escherichia coli</i> under Oxidative Conditions. <i>Journal of the Science of Food and Agriculture</i> , <b>1996</b> , 71, 297-300   | 4.3 | 7   |
| 6  | Oxidative Stress Response in Yeast: Purification and Some Properties of Oxidative Stress-inducible Glucose-6-phosphate Dehydrogenase from <i>Hansenula mrakii</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , <b>1996</b> , 60, 966-970   | 2.1 | 9   |

|   |   |     |     |
|---|---|-----|-----|
| 5 | Oxidative stress response in yeast: Induction of glucose-6-phosphate dehydrogenase by lipid hydroperoxide in <i>Hansenula mrakii</i> . <i>Journal of Bioscience and Bioengineering</i> , <b>1995</b> , 80, 606-609                      |     | 11  |
| 4 | Effects of alcohols on the hydrolysis of colominic acid catalyzed by <i>Streptococcus neuraminidase</i> . <i>Journal of Biochemistry</i> , <b>1995</b> , 117, 629-34  | 3.1 | 9   |
| 3 | Oxidative stress response in yeast: glutathione peroxidase of <i>Hansenula mrakii</i> is bound to the membrane of both mitochondria and cytoplasm. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1995</b> , 1245, 325-30 | 4   | 17  |
| 2 | Oxidative stress response in yeast: effect of glutathione on adaptation to hydrogen peroxide stress in <i>Saccharomyces cerevisiae</i> . <i>FEBS Letters</i> , <b>1995</b> , 368, 73-6  | 3.8 | 178 |
| 1 | Molecular cloning and nucleotide sequence of purine nucleoside phosphorylase and uridine phosphorylase genes from <i>Klebsiella</i> sp. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>1995</b> , 59, 1987-90                   | 2.1 | 13  |