Pavol Sulo

List of Publications by Year
in descending order

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42 papers	1,004 citations	471509 17 h-index	454955 30 g-index
42 all docs	42 docs citations	42 times ranked	944 citing authors

#	Article	IF	Citations
1	Fermentative lifestyle in yeasts belonging to theSaccharomycescomplex. FEBS Journal, 2007, 274, 976-989.	4.7	230
2	Horizontal Transfer of Genetic Material among Saccharomyces Yeasts. Journal of Bacteriology, 1999, 181, 6488-6496.	2.2	118
3	A 105-kDa protein is required for yeast mitochondrial RNase P activity.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 9875-9879.	7.1	86
4	The diversity of eukaryotic microbiota in the traditional Slovak sheep cheese â€" Bryndza. International Journal of Food Microbiology, 2008, 127, 176-179.	4.7	34
5	Mitochondrial genome from the facultative anaerobe and petite-positive yeast Dekkera bruxellensisâ€ƒcontains the NADH dehydrogenase subunit genes. FEMS Yeast Research, 2010, 10, no-no.	2.3	33
6	High-rate evolution of sensu lato chromosomes. FEMS Yeast Research, 2003, 3, 363-373.	2.3	31
7	Post-zygotic sterility and cytonuclear compatibility limits in S. cerevisiae xenomitochondrial cybrids. Frontiers in Genetics, 2015, 5, 454.	2.3	31
8	Yeast Mitochondrial RNase P RNA Synthesis Is Altered in an RNase P Protein Subunit Mutant: Insights into the Biogenesis of a Mitochondrial RNA-Processing Enzyme. Molecular and Cellular Biology, 1996, 16, 3429-3436.	2.3	30
9	The evolutionary history of Saccharomyces species inferred from completed mitochondrial genomes and revision in the â€˜yeast mitochondrial genetic codeâ€™. DNA Research, 2017, 24, 571-583.	3.4	30
10	RPM2, Independently of Its Mitochondrial RNase P Function, Suppresses an ISP42 Mutant Defective in Mitochondrial Import and Is Essential for Normal Growth. Molecular and Cellular Biology, 1995, 15, 4763-4770.	2.3	27
11	Diagnostic reliability of nested PCR depends on the primer design and threshold abundance ofHelicobacter pyloriin biopsy, stool, and saliva samples. Helicobacter, 2020, 25, e12680.	3.5	27
12	Beer with Reduced Ethanol Content Produced Using Saccharomyces cerevisiae Yeasts Deficient in Various Tricarboxylic Acid Cycle Enzymes. Journal of the Institute of Brewing, 2008, 114, 97-101.	2.3	23
13	A complete sequence ofSaccharomyces paradoxusmitochondrial genome that restores the respiration inS.Âcerevisiae. FEMS Yeast Research, 2012, 12, 819-830.	2.3	22
14	Functional co-operation between the nuclei of Saccharomyces cerevisiae and mitochondria from other yeast species. Current Genetics, 2000, 38, 202-207.	1.7	21
15	Quantitative structure-activity relationship of carbonylcyanide phenylhydrazones as uncouplers of mitochondrial oxidative phosphorylation. Biochimica Et Biophysica Acta - Bioenergetics, 1986, 851, 93-98.	1.0	20
16	Geotrichum bryndzae sp. nov., a novel asexual arthroconidial yeast species related to the genus Galactomyces. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2370-2374.	1.7	19
17	Transition of the ability to generate petites in theSaccharomyces/Kluyveromycescomplex. FEMS Yeast Research, 2007, 7, 1237-1247.	2.3	18
18	A method for the efficient transfer of isolated mitochondria into yeast protoplasts. Current Genetics, 1989, 15, 1-6.	1.7	17

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19	The efficiency of functional mitochondrial replacement in species has directional character. FEMS Yeast Research, 2003, 4, 97-104.	2.3	17
20	Killer yeasts ofKluyveromycesandHansenulagenera with potential application in fermentation and therapy. Acta Biotechnologica, 1993, 13, 341-350.	0.9	16
21	Construction and properties of K1 type killer wine yeasts. Biotechnology Letters, 1992, 14, 55-60.	2.2	15
22	Successful transformation of yeast mitochondria withRPM1: an approach forin vivostudies of mitochondrial RNase P RNA structure, function and biosynthesis. Nucleic Acids Research, 1995, 23, 856-860.	14.5	15
23	The K3 type killer strains of genusSaccharomyces for wine production. Folia Microbiologica, 1992, 37, 289-294.	2.3	13
24	Rpm2p: separate domains promote tRNA and Rpm1r maturation in Saccharomyces cerevisiae mitochondria. Nucleic Acids Research, 2001, 29, 3631-3637.	14.5	13
25	DNA diagnostics for reliable and universal identification of Helicobacter pylori. World Journal of Gastroenterology, 2021, 27, 7100-7112.	3.3	11
26	Mitochondrial DNA duplication, recombination, and introgression during interspecific hybridization. Scientific Reports, 2021, 11, 12726.	3.3	9
27	Structure characterization of reaction products from phenylhydrazonopropanedinitrile and thiols. Collection of Czechoslovak Chemical Communications, 1985, 50, 375-382.	1.0	8
28	Mitochondriaâ€"Tool for taxonomic identification of yeasts fromSaccharomyces sensu stricto complex. Folia Microbiologica, 2000, 45, 99-106.	2.3	8
29	GC clusters and the stability of mitochondrial genomes ofSaccharomyces cerevisiae and related yeasts. Folia Microbiologica, 2002, 47, 263-270.	2.3	8
30	The gene encoding phosphatidylglycerolphosphate synthase in is essential and assigned to chromosome I. FEMS Yeast Research, 2004, 5, 19-27.	2.3	8
31	Structure of â€žcarbonyl cyanide phenylhydrazones" as evidenced by multinuclear NMR. Collection of Czechoslovak Chemical Communications, 1983, 48, 1647-1650.	1.0	7
32	Rapid and simple analysis of poly-Î²-hydroxybutyrate content by capillary isotachophoresis. Biotechnology Letters, 1996, 10, 413-418.	0.5	6
33	The reassignment of three â€˜lostâ€™ Taphrina species (Taphrina bullata, Taphrina insititiae and Taphrina) Tj ETQq1 1 0.784314 rgBT /O Systematic and Evolutionary Microbiology, 2013, 63, 3091-3098.	1.7	6
34	Model-Based Relation between Physicochemical Properties, Uptake and Uncoupling Effect of Carbonylcyanide Phenylhydrazones on Oxidative Phosphorylation at Cellular Level. QSAR and Combinatorial Science, 1988, 7, 221-225.	1.2	5
35	Kinetic analysis of reactions of phenylhydrazonopropanedinitriles with thiols. Collection of Czechoslovak Chemical Communications, 1984, 49, 2807-2815.	1.0	4
36	Title is missing!. Biotechnology Letters, 2001, 23, 693-696.	2.2	4

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37	Reliable and Sensitive Nested PCR for the Detection of Chlamydia in Sputum. Microorganisms, 2021, 9, 935.	3.6	4
38	Relationships among structure, reactivity towards thiols and basicity of phenylhydrazonopropanedinitriles. Collection of Czechoslovak Chemical Communications, 1985, 50, 2065-2076.	1.0	3
39	Lipophilic-hydrophilic properties and retention of phenylhydrazonopropanedinitriles by biological systems. Collection of Czechoslovak Chemical Communications, 1985, 50, 538-550.	1.0	2
40	Acidobasicity, reactivity, lipophilicity, and ability of phenylhydrazonopropanedinitriles to disturb the membrane potential. Collection of Czechoslovak Chemical Communications, 1987, 52, 2819-2825.	1.0	2
41	Subcellular and cellular studies on relationship between structure and uncoupling effect of phenylhydrazonopropanedinitriles on oxidative phosphorylation. Collection of Czechoslovak Chemical Communications, 1988, 53, 1094-1101.	1.0	2
42	The complete mitochondrial DNA sequence from Kazachstania sinensis reveals a general +1C frameshift mechanism in CTGY codons. FEMS Yeast Research, 2018, 18, .	2.3	1