

Nobuo Fukuda

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

24
papers

247
citations

9
h-index

15
g-index

27
ext. papers

298
ext. citations

4.6
avg, IF

3.08
L-index

#	Paper	IF	Citations
24	Polyploid engineering by increasing mutant gene dosage in yeasts. <i>Microbial Biotechnology</i> , 2021 , 14, 979-992	6.3	1
23	A new scheme to artificially alter yeast mating-types without autodiploidization. <i>Fungal Genetics and Biology</i> , 2020 , 144, 103442	3.9	1
22	Synthetic gene expression circuits regulating sexual reproduction. <i>Methods in Enzymology</i> , 2019 , 621, 17-30	1.7	2
21	Anxa2- and Ctsd-knockout CHO cell lines to diminish the risk of contamination with host cell proteins. <i>Biotechnology Progress</i> , 2019 , 35, e2820	2.8	9
20	Artificial Mating-Type Conversion and Repetitive Mating for Polyploid Generation. <i>ACS Synthetic Biology</i> , 2018 , 7, 1413-1423	5.7	4
19	Positive Detection of GPCR Antagonists Using a System for Inverted Expression of a Fluorescent Reporter Gene. <i>ACS Synthetic Biology</i> , 2017 , 6, 1554-1562	5.7	6
18	Expression of varied GFPs in <i>Saccharomyces cerevisiae</i> : codon optimization yields stronger than expected expression and fluorescence intensity. <i>Scientific Reports</i> , 2016 , 6, 35932	4.9	42
17	Continuous crossbreeding of sake yeasts using growth selection systems for a-type and α -type cells. <i>AMB Express</i> , 2016 , 6, 45	4.1	9
16	G α recruitment systems specifically select PPI and affinity-enhanced candidate proteins that interact with membrane protein targets. <i>Scientific Reports</i> , 2015 , 5, 16723	4.9	2
15	Rapid evaluation of tyrosine kinase activity of membrane-integrated human epidermal growth factor receptor using the yeast G α recruitment system. <i>ACS Synthetic Biology</i> , 2015 , 4, 421-9	5.7	4
14	Desired alteration of protein affinities: competitive selection of protein variants using yeast signal transduction machinery. <i>PLoS ONE</i> , 2014 , 9, e108229	3.7	4
13	Artificial conversion of the mating-type of <i>Saccharomyces cerevisiae</i> without autoployploidization. <i>ACS Synthetic Biology</i> , 2013 , 2, 697-704	5.7	10
12	Development of growth selection systems to isolate a-type or α -type of yeast cells spontaneously emerging from MATa/ α diploids. <i>Journal of Biological Engineering</i> , 2013 , 7, 27	6.3	7
11	Yeast one-hybrid g α recruitment system for identification of protein lipidation motifs. <i>PLoS ONE</i> , 2013 , 8, e70100	3.7	3
10	Transplantation of the GAL regulon into G-protein signaling circuitry in yeast. <i>Analytical Biochemistry</i> , 2012 , 424, 27-31	3.1	5
9	G α recruitment system incorporating a novel signal amplification circuit to screen transient protein-protein interactions. <i>FEBS Journal</i> , 2011 , 278, 3086-94	5.7	9
8	Amplification of agonist stimulation of human G-protein-coupled receptor signaling in yeast. <i>Analytical Biochemistry</i> , 2011 , 417, 182-7	3.1	21

7	The competitor-introduced Ggamma recruitment system, a new approach for screening affinity-enhanced proteins. <i>FEBS Journal</i> , 2010 , 277, 1704-12	5-7	10
6	Protein-protein interactions and selection: yeast-based approaches that exploit guanine nucleotide-binding protein signaling. <i>FEBS Journal</i> , 2010 , 277, 1982-95	5-7	25
5	Development of an enzyme activity screening system for beta-glucosidase-displaying yeasts using calcium alginate micro-beads and flow sorting. <i>Applied Microbiology and Biotechnology</i> , 2009 , 84, 375-82	5-7	5
4	Construction of a novel detection system for protein-protein interactions using yeast G-protein signaling. <i>FEBS Journal</i> , 2009 , 276, 2636-44	5-7	12
3	Rapid and efficient selection of yeast displaying a target protein using thermo-responsive magnetic nanoparticles. <i>Biotechnology Progress</i> , 2008 , 24, 352-7	2-8	7
2	Construction of a novel synergistic system for production and recovery of secreted recombinant proteins by the cell surface engineering. <i>Applied Microbiology and Biotechnology</i> , 2007 , 75, 821-8	5-7	26
1	High-efficiency recovery of target cells using improved yeast display system for detection of protein-protein interactions. <i>Applied Microbiology and Biotechnology</i> , 2007 , 76, 151-8	5-7	23