Nobuo Fukuda

List of Publications by Citations

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	Expression of varied GFPs in Saccharomyces cerevisiae: codon optimization yields stronger than expected expression and fluorescence intensity. *Scientific Reports*, **2016**, 6, 35932	4.9	42
23	Construction of a novel synergistic system for production and recovery of secreted recombinant proteins by the cell surface engineering. *Applied Microbiology and Biotechnology*, **2007**, 75, 821-8	5.7	26
22	Protein□protein interactions and selection: yeast-based approaches that exploit guanine nucleotide-binding protein signaling. *FEBS Journal*, **2010**, 277, 1982-95	5.7	25
21	High-efficiency recovery of target cells using improved yeast display system for detection of protein-protein interactions. *Applied Microbiology and Biotechnology*, **2007**, 76, 151-8	5.7	23
20	Amplification of agonist stimulation of human G-protein-coupled receptor signaling in yeast. *Analytical Biochemistry*, **2011**, 417, 182-7	3.1	21
19	Construction of a novel detection system for protein-protein interactions using yeast G-protein signaling. *FEBS Journal*, **2009**, 276, 2636-44	5.7	12
18	Artificial conversion of the mating-type of Saccharomyces cerevisiae without autopolyploidization. *ACS Synthetic Biology*, **2013**, 2, 697-704	5.7	10
17	The competitor-introduced Ggamma recruitment system, a new approach for screening affinity-enhanced proteins. *FEBS Journal*, **2010**, 277, 1704-12	5.7	10
16	Anxa2- and Ctsd-knockout CHO cell lines to diminish the risk of contamination with host cell proteins. *Biotechnology Progress*, **2019**, 35, e2820	2.8	9
15	G□recruitment system incorporating a novel signal amplification circuit to screen transient protein-protein interactions. *FEBS Journal*, **2011**, 278, 3086-94	5.7	9
14	Continuous crossbreeding of sake yeasts using growth selection systems for a-type and □type cells. *AMB Express*, **2016**, 6, 45	4.1	9
13	Development of growth selection systems to isolate a-type or □type of yeast cells spontaneously emerging from MATa/□diploids. *Journal of Biological Engineering*, **2013**, 7, 27	6.3	7
12	Rapid and efficient selection of yeast displaying a target protein using thermo-responsive magnetic nanoparticles. *Biotechnology Progress*, **2008**, 24, 352-7	2.8	7
11	Positive Detection of GPCR Antagonists Using a System for Inverted Expression of a Fluorescent Reporter Gene. *ACS Synthetic Biology*, **2017**, 6, 1554-1562	5.7	6
10	Transplantation of the GAL regulon into G-protein signaling circuitry in yeast. *Analytical Biochemistry*, **2012**, 424, 27-31	3.1	5
9	Development of an enzyme activity screening system for beta-glucosidase-displaying yeasts using calcium alginate micro-beads and flow sorting. *Applied Microbiology and Biotechnology*, **2009**, 84, 375-82	5.7	5
8	Artificial Mating-Type Conversion and Repetitive Mating for Polyploid Generation. *ACS Synthetic Biology*, **2018**, 7, 1413-1423	5.7	4

7	Rapid evaluation of tyrosine kinase activity of membrane-integrated human epidermal growth factor receptor using the yeast G-recruitment system. *ACS Synthetic Biology*, **2015**, 4, 421-9	5.7	4
6	Desired alteration of protein affinities: competitive selection of protein variants using yeast signal transduction machinery. *PLoS ONE*, **2014**, 9, e108229	3.7	4
5	Yeast one-hybrid g-recruitment system for identification of protein lipidation motifs. *PLoS ONE*, **2013**, 8, e70100	3.7	3
4	Synthetic gene expression circuits regulating sexual reproduction. *Methods in Enzymology*, **2019**, 621, 17-30	1.7	2
3	G-recruitment systems specifically select PPI and affinity-enhanced candidate proteins that interact with membrane protein targets. *Scientific Reports*, **2015**, 5, 16723	4.9	2
2	Polyploid engineering by increasing mutant gene dosage in yeasts. *Microbial Biotechnology*, **2021**, 14, 979-992	6.3	1
1	A new scheme to artificially alter yeast mating-types without autodiploidization. *Fungal Genetics and Biology*, **2020**, 144, 103442	3.9	1