

# Anuj Kumar

## List of Publications by Year in descending order

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48  
papers

2,448  
citations

304743

22  
h-index

223800

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2780  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subcellular localization of the yeast proteome. <i>Genes and Development</i> , 2002, 16, 707-719.	5.9	667
2	Large-scale analysis of the yeast genome by transposon tagging and gene disruption. <i>Nature</i> , 1999, 402, 413-418.	27.8	521
3	Large-Scale Analysis of Yeast Filamentous Growth by Systematic Gene Disruption and Overexpression. <i>Molecular Biology of the Cell</i> , 2008, 19, 284-296.	2.1	118
4	An integrated approach for finding overlooked genes in yeast. <i>Nature Biotechnology</i> , 2002, 20, 58-63.	17.5	112
5	Emerging technologies in yeast genomics. <i>Nature Reviews Genetics</i> , 2001, 2, 302-312.	16.3	96
6	A novel mitochondrial protein, Tar1p, is encoded on the antisense strand of the nuclear 25S rDNA. <i>Genes and Development</i> , 2002, 16, 2755-2760.	5.9	67
7	An Overview of Nested Genes in Eukaryotic Genomes. <i>Eukaryotic Cell</i> , 2009, 8, 1321-1329.	3.4	59
8	TEAK: Topology Enrichment Analysis framework for detecting activated biological subpathways. <i>Nucleic Acids Research</i> , 2013, 41, 1425-1437.	14.5	59
9	Large-Scale Mutagenesis of the Yeast Genome Using a Tn7-Derived Multipurpose Transposon. <i>Genome Research</i> , 2004, 14, 1975-1986.	5.5	52
10	Analysis of the Yeast Kinome Reveals a Network of Regulated Protein Localization during Filamentous Growth. <i>Molecular Biology of the Cell</i> , 2008, 19, 2708-2717.	2.1	50
11	A Large-Scale Complex Haploinsufficiency-Based Genetic Interaction Screen in <i>Candida albicans</i> : Analysis of the RAM Network during Morphogenesis. <i>PLoS Genetics</i> , 2011, 7, e1002058.	3.5	46
12	Genetic Networks Inducing Invasive Growth in <i>Saccharomyces cerevisiae</i> Identified Through Systematic Genome-Wide Overexpression. <i>Genetics</i> , 2013, 193, 1297-1310.	2.9	44
13	The TRIPLES database: a community resource for yeast molecular biology. <i>Nucleic Acids Research</i> , 2002, 30, 73-75.	14.5	40
14	An Interrelationship Between Autophagy and Filamentous Growth in Budding Yeast. <i>Genetics</i> , 2007, 177, 205-214.	2.9	36
15	[33] High-throughput methods for the large-scale analysis of gene function by transposon tagging. <i>Methods in Enzymology</i> , 2000, 328, 550-574.	1.0	34
16	A Profile of Differentially Abundant Proteins at the Yeast Cell Periphery during Pseudohyphal Growth. <i>Journal of Biological Chemistry</i> , 2010, 285, 15476-15488.	3.4	32
17	A small molecule-directed approach to control protein localization and function. <i>Yeast</i> , 2008, 25, 577-594.	1.7	31
18	An Overview of Autophagy and Yeast Pseudohyphal Growth: Integration of Signaling Pathways during Nitrogen Stress. <i>Cells</i> , 2012, 1, 263-283.	4.1	28

#	ARTICLE	IF	CITATIONS
19	The Yeast Sks1p Kinase Signaling Network Regulates Pseudohyphal Growth and Glucose Response. <i>PLoS Genetics</i> , 2014, 10, e1004183.	3.5	28
20	Conditionally controlling nuclear trafficking in yeast by chemical-induced protein dimerization. <i>Nature Protocols</i> , 2010, 5, 1831-1843.	12.0	25
21	Pooled Segregant Sequencing Reveals Genetic Determinants of Yeast Pseudohyphal Growth. <i>PLoS Genetics</i> , 2014, 10, e1004570.	3.5	24
22	Large-Scale Analysis of Kinase Signaling in Yeast Pseudohyphal Development Identifies Regulation of Ribonucleoprotein Granules. <i>PLoS Genetics</i> , 2015, 11, e1005564.	3.5	24
23	Insertional mutagenesis: Transposon-insertion libraries as mutagens in yeast. <i>Methods in Enzymology</i> , 2002, 350, 219-229.	1.0	22
24	Filamentation Regulatory Pathways Control Adhesion-Dependent Surface Responses in Yeast. <i>Genetics</i> , 2019, 212, 667-690.	2.9	20
25	Teaching Systems Biology: An Active-learning Approach. <i>CBE: Life Sciences Education</i> , 2005, 4, 323-329.	0.7	19
26	Genomic analysis of insertion behavior and target specificity of mini-Tn7 and Tn3 transposons in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2006, 34, e57-e57.	14.5	17
27	Unconventional Genomic Architecture in the Budding Yeast <i>Saccharomyces cerevisiae</i> Masks the Nested Antisense Gene <i>NAG1</i> . <i>Eukaryotic Cell</i> , 2008, 7, 1289-1298.	3.4	17
28	Genome-Wide Transposon Mutagenesis in <i>Saccharomyces cerevisiae</i> and <i>Candida albicans</i> . <i>Methods in Molecular Biology</i> , 2011, 765, 207-224.	0.9	15
29	Inositol polyphosphates regulate and predict yeast pseudohyphal growth phenotypes. <i>PLoS Genetics</i> , 2018, 14, e1007493.	3.5	15
30	The Complex Genetic Basis and Multilayered Regulatory Control of Yeast Pseudohyphal Growth. <i>Annual Review of Genetics</i> , 2021, 55, 1-21.	7.6	15
31	Overexpression of Autophagy-Related Genes Inhibits Yeast Filamentous Growth. <i>Autophagy</i> , 2007, 3, 604-609.	9.1	12
32	Localization of autophagy-related proteins in yeast using a versatile plasmid-based resource of fluorescent protein fusions. <i>Autophagy</i> , 2008, 4, 792-800.	9.1	11
33	Genome-Wide Screen for <i>Saccharomyces cerevisiae</i> Genes Contributing to Opportunistic Pathogenicity in an Invertebrate Model Host. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 63-78.	1.8	11
34	Jump around: transposons in and out of the laboratory. <i>F1000Research</i> , 2020, 9, 135.	1.6	10
35	Conditional Nuclear Import and Export of Yeast Proteins Using a Chemical Inducer of Dimerization. <i>Cell Biochemistry and Biophysics</i> , 2009, 53, 127-134.	1.8	9
36	Mutant power: using mutant allele collections for yeast functional genomics. <i>Briefings in Functional Genomics</i> , 2016, 15, 75-84.	2.7	9

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37	Messengers for morphogenesis: inositol polyphosphate signaling and yeast pseudohyphal growth. <i>Current Genetics</i> , 2019, 65, 119-125.	1.7	7
38	Genome-Wide Synthetic Genetic Screening by Transposon Mutagenesis in <i>Candida albicans</i> . <i>Methods in Molecular Biology</i> , 2015, 1279, 125-135.	0.9	7
39	Multipurpose Transposon-Insertion Libraries in Yeast. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.top080259.	0.3	6
40	Using Interactive Data Visualizations for Exploratory Analysis in Undergraduate Genomics Coursework: Field Study Findings and Guidelines. <i>Journal of Science Education and Technology</i> , 2016, 25, 91-110.	3.9	6
41	A Stress-Responsive Signaling Network Regulating Pseudohyphal Growth and Ribonucleoprotein Granule Abundance in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2019, 213, 705-720.	2.9	6
42	Multipurpose Transposon Insertion Libraries for Large-Scale Analysis of Gene Function in Yeast. <i>Methods in Molecular Biology</i> , 2008, 416, 117-129.	0.9	6
43	A Systems Biology Approach to Learning Autophagy. <i>Autophagy</i> , 2006, 2, 12-23.	9.1	5
44	Using Yeast Transposon-Insertion Libraries for Phenotypic Screening and Protein Localization. <i>Cold Spring Harbor Protocols</i> , 2016, 2016, pdb.prot085217.	0.3	5
45	Where do all the proteins go?. <i>Targets</i> , 2003, 2, 237-244.	0.3	3
46	An integrated web interface for large-scale characterization of sequence data. <i>Functional and Integrative Genomics</i> , 2000, 1, 70-75.	3.5	2
47	Computational Methods and Bioinformatic Tools. , 0, , 769-904.		0
48	Mapping paths: new approaches to dissect eukaryotic signaling circuitry. <i>F1000Research</i> , 2016, 5, 1853.	1.6	0