

# Suman B Pakala

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,056  
citations

623734

14  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1800  
citing authors

#	ARTICLE	IF	CITATIONS
1	The binary protein-protein interaction landscape of Escherichia coli. Nature Biotechnology, 2014, 32, 285-290.	17.5	218
2	Mobile elements and mitochondrial genome expansion in the soil fungus and potato pathogen <i>Rhizoctonia solani</i> AG-3. FEMS Microbiology Letters, 2014, 352, 165-173.	1.8	143
3	Sequencing of mitochondrial genomes of nine Aspergillus and Penicillium species identifies mobile introns and accessory genes as main sources of genome size variability. BMC Genomics, 2012, 13, 698.	2.8	131
4	COVID-19 severity from Omicron and Delta SARS-CoV-2 variants. Influenza and Other Respiratory Viruses, 2022, 16, 832-836.	3.4	60
5	Perturbations in small molecule synthesis uncovers an iron-responsive secondary metabolite network in Aspergillus fumigatus. Frontiers in Microbiology, 2014, 5, 530.	3.5	59
6	Genetic Analysis Using an Isogenic Mating Pair of Aspergillus fumigatus Identifies Azole Resistance Genes and Lack of MAT Locus's Role in Virulence. PLoS Pathogens, 2015, 11, e1004834.	4.7	52
7	Draft Genome Sequence of the Plant-Pathogenic Soil Fungus Rhizoctonia solani Anastomosis Group 3 Strain Rhs1AP. Genome Announcements, 2014, 2, .	0.8	49
8	Distinct amino acid and lipid perturbations characterize acute versus chronic malaria. JCI Insight, 2019, 4, .	5.0	46
9	Generation of a Novel SARS-CoV-2 Sub-genomic RNA Due to the R203K/G204R Variant in Nucleocapsid: Homologous Recombination has Potential to Change SARS-CoV-2 at Both Protein and RNA Level. Pathogens and Immunity, 2021, 6, 27-49.	3.1	46
10	High-Quality Genome Assembly and Annotation for Plasmodium coatneyi, Generated Using Single-Molecule Real-Time PacBio Technology. Genome Announcements, 2016, 4, .	0.8	33
11	DC ENaC-Dependent Inflammasome Activation Contributes to Salt-Sensitive Hypertension. Circulation Research, 2022, 131, 328-344.	4.5	31
12	Large-Scale Transcriptional Response to Hypoxia in Aspergillus fumigatus Observed Using RNAseq Identifies a Novel Hypoxia Regulated ncRNA. Mycopathologia, 2014, 178, 331-339.	3.1	29
13	Structural analysis of the <i>hizoctonia solani</i> agglutinin reveals a domain-swapping dimeric assembly. FEBS Journal, 2013, 280, 1750-1763.	4.7	19
14	Metatranscriptomics to characterize respiratory virome, microbiome, and host response directly from clinical samples. Cell Reports Methods, 2021, 1, 100091.	2.9	19
15	Comparative transcriptomics and metabolomics in a rhesus macaque drug administration study. Frontiers in Cell and Developmental Biology, 2014, 2, 54.	3.7	15
16	Molecular signature of postmortem lung tissue from COVID-19 patients suggests distinct trajectories driving mortality. DMM Disease Models and Mechanisms, 2022, 15, .	2.4	14
17	NCBI's Virus Discovery Hackathon: Engaging Research Communities to Identify Cloud Infrastructure Requirements. Genes, 2019, 10, 714.	2.4	13
18	Cross-reaction between Formosan termite ( <i>Coptotermes formosanus</i> ) proteins and cockroach allergens. PLoS ONE, 2017, 12, e0182260.	2.5	11

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19	Suppression subtractive hybridization and comparative expression of a pore-forming toxin and glycosyl hydrolase genes in <i>Rhizoctonia solani</i> during potato sprout infection. <i>Molecular Genetics and Genomics</i> , 2015, 290, 877-900.	2.1	10
20	Generation of a Novel SARS-CoV-2 Sub-genomic RNA Due to the R203K/G204R Variant in Nucleocapsid: Homologous Recombination has Potential to Change SARS-CoV-2 at Both Protein and RNA Level. <i>Pathogens and Immunity</i> , 2021, 6, 27-49.	3.1	10
21	Triallelic SNP-mediated genotyping of regenerated protoplasts of the heterokaryotic fungus <i>Rhizoctonia solani</i> . <i>Journal of Biotechnology</i> , 2012, 158, 144-150.	3.8	8
22	Practical Recommendations for Supporting a Systems Biology Cyberinfrastructure. <i>Data Science Journal</i> , 2020, 19, .	1.3	7
23	Nearly Complete Genome Sequences of 17 Enterovirus D68 Strains from Kansas City, Missouri, 2018. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	6
24	Termite Proteins Cross-React with Cockroach Allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, AB266.	2.9	0
25	Transcriptomic profiling of <i>Paulownia elongata</i> in response to heat stress. <i>Plant Gene</i> , 2021, 28, 100330.	2.3	0
26	Specific Ablation of Jak2 from CD11c+ Cells Attenuates Salt-Sensitive Hypertension through an ENaC-Dependent Mechanism. <i>FASEB Journal</i> , 2022, 36, .	0.5	0