

# 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	COVID-19 severity from Omicron and Delta SARS-CoV-2 variants. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 832-836.	3.4	60
2	Molecular signature of postmortem lung tissue from COVID-19 patients suggests distinct trajectories driving mortality. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	2.4	14
3	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
4	DC ENaC-Dependent Inflammasome Activation Contributes to Salt-Sensitive Hypertension. <i>Circulation Research</i> , 2022, 131, 328-344.	4.5	31
5	Transcriptomic profiling of <i>Paulownia elongata</i> in response to heat stress. <i>Plant Gene</i> , 2021, 28, 100330.	2.3	0
6	Metatranscriptomics to characterize respiratory virome, microbiome, and host response directly from clinical samples. <i>Cell Reports Methods</i> , 2021, 1, 100091.	2.9	19
7	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
8	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	46
9	Practical Recommendations for Supporting a Systems Biology Cyberinfrastructure. <i>Data Science Journal</i> , 2020, 19, .	1.3	7
10	Distinct amino acid and lipid perturbations characterize acute versus chronic malaria. <i>JCI Insight</i> , 2019, 4, .	5.0	46
11	NCBI's Virus Discovery Hackathon: Engaging Research Communities to Identify Cloud Infrastructure Requirements. <i>Genes</i> , 2019, 10, 714.	2.4	13
12	Nearly Complete Genome Sequences of 17 Enterovirus D68 Strains from Kansas City, Missouri, 2018. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	6
13	Cross-reaction between Formosan termite ( <i>Coptotermes formosanus</i> ) proteins and cockroach allergens. <i>PLoS ONE</i> , 2017, 12, e0182260.	2.5	11
14	Termite Proteins Cross-React with Cockroach Allergens. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, AB266.	2.9	0
15	High-Quality Genome Assembly and Annotation for <i>Plasmodium coatneyi</i> , Generated Using Single-Molecule Real-Time PacBio Technology. <i>Genome Announcements</i> , 2016, 4, .	0.8	33
16	Genetic Analysis Using an Isogenic Mating Pair of <i>Aspergillus fumigatus</i> Identifies Azole Resistance Genes and Lack of MAT Locus's Role in Virulence. <i>PLoS Pathogens</i> , 2015, 11, e1004834.	4.7	52
17	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
18	Comparative transcriptomics and metabolomics in a rhesus macaque drug administration study. <i>Frontiers in Cell and Developmental Biology</i> , 2014, 2, 54.	3.7	15

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19	Large-Scale Transcriptional Response to Hypoxia in <i>Aspergillus fumigatus</i> Observed Using RNAseq Identifies a Novel Hypoxia Regulated ncRNA. <i>Mycopathologia</i> , 2014, 178, 331-339.	3.1	29
20	Perturbations in small molecule synthesis uncovers an iron-responsive secondary metabolite network in <i>Aspergillus fumigatus</i> . <i>Frontiers in Microbiology</i> , 2014, 5, 530.	3.5	59
21	Draft Genome Sequence of the Plant-Pathogenic Soil Fungus <i>Rhizoctonia solani</i> Anastomosis Group 3 Strain Rhs1AP. <i>Genome Announcements</i> , 2014, 2, .	0.8	49
22	The binary protein-protein interaction landscape of <i>Escherichia coli</i> . <i>Nature Biotechnology</i> , 2014, 32, 285-290.	17.5	218
23	Mobile elements and mitochondrial genome expansion in the soil fungus and potato pathogen <i>Rhizoctonia solani</i> AG-3. <i>FEMS Microbiology Letters</i> , 2014, 352, 165-173.	1.8	143
24	Structural analysis of the <i>Rhizoctonia solani</i> agglutinin reveals a domain-swapping dimeric assembly. <i>FEBS Journal</i> , 2013, 280, 1750-1763.	4.7	19
25	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
26	Sequencing of mitochondrial genomes of nine <i>Aspergillus</i> and <i>Penicillium</i> species identifies mobile introns and accessory genes as main sources of genome size variability. <i>BMC Genomics</i> , 2012, 13, 698.	2.8	131