

Tikam Chand Dakal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6821027/publications.pdf>

Version: 2024-02-01

44
papers

2,026
citations

471509

17
h-index

345221

36
g-index

45
all docs

45
docs citations

45
times ranked

3351
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic Basis of Antimicrobial Actions of Silver Nanoparticles. <i>Frontiers in Microbiology</i> , 2016, 7, 1831.	3.5	1,180
2	Adaptive response and tolerance to sugar and salt stress in the food yeast <i>Zygosaccharomyces rouxii</i> . <i>International Journal of Food Microbiology</i> , 2014, 185, 140-157.	4.7	114
3	Predicting the functional consequences of non-synonymous single nucleotide polymorphisms in IL8 gene. <i>Scientific Reports</i> , 2017, 7, 6525.	3.3	75
4	Advanced glycation end products and protein carbonyl levels in plasma reveal sex-specific differences in Parkinson's and Alzheimer's disease. <i>Redox Biology</i> , 2020, 34, 101546.	9.0	66
5	Next-generation sequencing and its potential impact on food microbial genomics. <i>Annals of Microbiology</i> , 2013, 63, 21-37.	2.6	62
6	Evaluation of potential of molecular and physical techniques in studying biodeterioration. <i>Reviews in Environmental Science and Biotechnology</i> , 2012, 11, 71-104.	8.1	49
7	Structural modeling of human organic cation transporters. <i>Computational Biology and Chemistry</i> , 2017, 68, 153-163.	2.3	44
8	<i>Zygosaccharomyces sapae</i> sp. nov., isolated from Italian traditional balsamic vinegar. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 364-371.	1.7	43
9	Unravelling genomic diversity of <i>Zygosaccharomyces rouxii</i> complex with a link to its life cycle. <i>FEMS Yeast Research</i> , 2013, 13, 245-258.	2.3	39
10	SARS-CoV-2 attachment to host cells is possibly mediated via RGD-integrin interaction in a calcium-dependent manner and suggests pulmonary EDTA chelation therapy as a novel treatment for COVID 19. <i>Immunobiology</i> , 2021, 226, 152021.	1.9	36
11	Mutational Landscape of the BAP1 Locus Reveals an Intrinsic Control to Regulate the miRNA Network and the Binding of Protein Complexes in Uveal Melanoma. <i>Cancers</i> , 2019, 11, 1600.	3.7	30
12	Mechanistic basis of co-stimulatory CD40-CD40L ligation mediated regulation of immune responses in cancer and autoimmune disorders. <i>Immunobiology</i> , 2020, 225, 151899.	1.9	28
13	Gene regulation of intracellular adhesion molecule-1 (ICAM-1): A molecule with multiple functions. <i>Immunology Letters</i> , 2021, 240, 123-136.	2.5	27
14	SLC20A1 Is Involved in Urinary Tract and Urorectal Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 567.	3.7	22
15	Biallelic and monoallelic variants in PLXNA1 are implicated in a novel neurodevelopmental disorder with variable cerebral and eye anomalies. <i>Genetics in Medicine</i> , 2021, 23, 1715-1725.	2.4	22
16	Differential hypersaline stress response in <i>Zygosaccharomyces rouxii</i> complex yeasts: a physiological and transcriptional study. <i>FEMS Yeast Research</i> , 2016, 16, fow063.	2.3	21
17	Ubiquitin Carboxyl-Terminal Hydrolases (UCHs): Potential Mediators for Cancer and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3910.	4.1	20
18	Common genetic variants associated with Parkinson's disease display widespread signature of epigenetic plasticity. <i>Scientific Reports</i> , 2019, 9, 18464.	3.3	17

#	ARTICLE	IF	CITATIONS
19	Epigenetic Regulatory Enzymes: mutation Prevalence and Coexistence in Cancers. <i>Cancer Investigation</i> , 2021, 39, 257-273.	1.3	15
20	Antigenic sites in SARS-CoV-2 spike RBD show molecular similarity with pathogenic antigenic determinants and harbors peptides for vaccine development. <i>Immunobiology</i> , 2021, 226, 152091.	1.9	15
21	Super-rapid race for saving lives by developing COVID-19 vaccines. <i>Journal of Integrative Bioinformatics</i> , 2021, 18, 27-43.	1.5	14
22	Sex-Determination System in the Diploid Yeast <i>Zygosaccharomyces sapae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 1011-1025.	1.8	12
23	Contrasting Patterns of rDNA Homogenization within the <i>Zygosaccharomyces rouxii</i> Species Complex. <i>PLoS ONE</i> , 2016, 11, e0160744.	2.5	12
24	Crosstalk between β -Catenin and CCL2 Drives Migration of Monocytes towards Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4562.	4.1	11
25	Human exome and mouse embryonic expression data implicate ZFH3, TRPS1, and CHD7 in human esophageal atresia. <i>PLoS ONE</i> , 2020, 15, e0234246.	2.5	9
26	Genome organization in proximity to the BAP1 locus appears to play a pivotal role in a variety of cancers. <i>Cancer Science</i> , 2020, 111, 1385-1391.	3.9	9
27	Evaluation of fingerprinting techniques to assess genotype variation among <i>Zygosaccharomyces</i> strains. <i>Food Microbiology</i> , 2018, 72, 135-145.	4.2	6
28	Towards a Central Role of ISL1 in the Bladder Exstrophy/Epispadias Complex (BEEC): Computational Characterization of Genetic Variants and Structural Modelling. <i>Genes</i> , 2018, 9, 609.	2.4	6
29	Genetic determinants of lung cancer: Understanding the oncogenic potential of somatic missense mutations. <i>Genomics</i> , 2022, , 110401.	2.9	6
30	X-Linked Tumor Suppressor Genes Act as Presumed Contributors in the Sex Chromosome-Autosome Crosstalk in Cancers. <i>Cancer Investigation</i> , 2022, 40, 103-110.	1.3	4
31	Cleroda-4(18),13-dien-15,16-olide as novel xanthine oxidase inhibitors: An integrated in silico and in vitro study. <i>PLoS ONE</i> , 2021, 16, e0253572.	2.5	3
32	Current status of genetic & metabolic engineering and novel QTL mapping-based strategic approach in bioethanol production. <i>Gene Reports</i> , 2019, 17, 100497.	0.8	2
33	PPAR-Responsive Elements Enriched with Alu Repeats May Contribute to Distinctive PPAR/ DNMT1 Interactions in the Genome. <i>Cancers</i> , 2021, 13, 3993.	3.7	2
34	Predicting the functional consequences of genetic variants in co-stimulatory ligand B7-1 using in-silico approaches. <i>Human Immunology</i> , 2021, 82, 103-120.	2.4	1
35	Exome sequencing in individuals with cardiovascular laterality defects identifies potential candidate genes. <i>European Journal of Human Genetics</i> , 2022, , .	2.8	1
36	Potential anti-hepatocellular carcinoma properties and mechanisms of action of clerodane diterpenes isolated from <i>Polyalthia longifolia</i> seeds. <i>Scientific Reports</i> , 2022, 12, .	3.3	1

#	ARTICLE	IF	CITATIONS
37	Evaluation of some plant-derived natural ingredients against SARS-CoV-2: An <i>in-silico</i> approach. International Journal of Phytocosmetics and Natural Ingredients, 0, 8, e5.	0.3	1
38	Genomic scanning of the promoter sequence in osmo/halo-tolerance related QTLs in <i>Zygosaccharomyces rouxii</i> . Meta Gene, 2020, 26, 100809.	0.6	0
39	Title is missing!. , 2020, 15, e0234246.		0
40	Title is missing!. , 2020, 15, e0234246.		0
41	Title is missing!. , 2020, 15, e0234246.		0
42	Title is missing!. , 2020, 15, e0234246.		0
43	Title is missing!. , 2020, 15, e0234246.		0
44	Title is missing!. , 2020, 15, e0234246.		0