

Himanshu Narayan Singh

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

327
citations

933447

10
h-index

940533

16
g-index

33
all docs

33
docs citations

33
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging SARS-CoV-2 variants can potentially break set epidemiological barriers in COVID-19. <i>Journal of Medical Virology</i> , 2022, 94, 1300-1314.	5.0	32
2	Differential Transcriptome Profiling Unveils Novel Deregulated Gene Signatures Involved in Pathogenesis of Alzheimer's Disease. <i>Biomedicines</i> , 2022, 10, 611.	3.2	3
3	Genome-wide expression reveals potential biomarkers in breast cancer bone metastasis. <i>Journal of Integrative Bioinformatics</i> , 2022, .	1.5	0
4	High-altitude pulmonary edema is aggravated by risk loci and associated transcription factors in HIF-prolyl hydroxylases. <i>Human Molecular Genetics</i> , 2021, 30, 1734-1749.	2.9	6
5	Current Trends and Future Prospects of Nanotechnology in Biofuel Production. <i>Catalysts</i> , 2021, 11, 1308.	3.5	41
6	COVID-19 Mechanisms in the Human Body—What We Know So Far. <i>Frontiers in Immunology</i> , 2021, 12, 693938.	4.8	40
7	Genome-Wide Scanning of Potential Hotspots for Adenosine Methylation: A Potential Path to Neuronal Development. <i>Life</i> , 2021, 11, 1185.	2.4	2
8	Epromoters function as a hub to recruit key transcription factors required for the inflammatory response. <i>Nature Communications</i> , 2021, 12, 6660.	12.8	20
9	Transcriptomic analysis of the signature of neurogenesis in human hippocampus suggests restricted progenitor cell progression post-childhood. <i>IBRO Reports</i> , 2020, 9, 224-232.	0.3	8
10	Relevance of SARS-CoV-2 related factors ACE2 and TMPRSS2 expressions in gastrointestinal tissue with pathogenesis of digestive symptoms, diabetes-associated mortality, and disease recurrence in COVID-19 patients. <i>Medical Hypotheses</i> , 2020, 144, 110271.	1.5	52
11	Altered Expression of a Unique Set of Genes Reveals Complex Etiology of Schizophrenia. <i>Frontiers in Psychiatry</i> , 2019, 10, 906.	2.6	8
12	A Novel Mathematical Model of Glaucoma Pathogenesis. <i>Journal of Current Glaucoma Practice</i> , 2019, 13, 3-8.	0.5	3
13	Identification of MicroRNAs and their target genes modulating Spinocerebellar Ataxia type-2 (SCA2) pathogenesis. <i>Parkinsonism and Related Disorders</i> , 2018, 46, e5-e6.	2.2	0
14	Assessment of binding properties of Actinomycin-D to 21nt DNA segment of hmgb1 gene promoter using spectroscopic and calorimetric techniques. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 504-511.	3.5	1
15	DNA trinucleotide (GAA) repeats in human genome: hint for disease pathogenesis?. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1958-1965.	3.5	1
16	Commentary: A Possible Mechanism of Zika Virus Associated Microcephaly: Imperative Role of Retinoic Acid Response Element (RARE) Consensus Sequence Repeats in the Viral Genome. <i>Frontiers in Microbiology</i> , 2018, 9, 190.	3.5	2
17	Targeting PknB, an eukaryotic-like serine/threonine protein kinase of <i>Mycobacterium tuberculosis</i> with phytomolecules. <i>Computational Biology and Chemistry</i> , 2017, 67, 200-204.	2.3	16
18	nTrackAnnotator : Software for detection and annotation of sequence tracks of chosen nucleic acid bases with defined length in genome. <i>Gene Reports</i> , 2017, 7, 32-34.	0.8	2

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19	No changes in heme synthesis in human Friedreich's ataxia erythroid progenitor cells. <i>Gene</i> , 2017, 621, 5-11.	2.2	11
20	Searching new targets to counter drug resistance – GTPase-Obg mRNA expression analysis in <i>Mycobacterium</i> under stress and <i>in silico</i> docking with GTPase inhibitors. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1804-1812.	3.5	1
21	DNA-triplex Forming Purine Repeat Containing Genes in <i>Acinetobacter baumannii</i> and Their Association with Infection and Adaptation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 250.	3.9	3
22	A Possible Mechanism of Zika Virus Associated Microcephaly: Imperative Role of Retinoic Acid Response Element (RARE) Consensus Sequence Repeats in the Viral Genome. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 403.	2.0	20
23	Structural aspects of the interaction of anticancer drug Actinomycin-D to the GC rich region of <i>hmgb1</i> gene. <i>International Journal of Biological Macromolecules</i> , 2016, 87, 433-442.	7.5	15
24	Identification of genes containing expanded purine repeats in the human genome and their apparent protective role against cancer. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 689-704.	3.5	6
25	Gene regulation by long purine tracks in brain related diseases. <i>Data in Brief</i> , 2015, 5, 218-225.	1.0	3
26	Role of long purine stretches in controlling the expression of genes associated with neurological disorders. <i>Gene</i> , 2015, 572, 175-183.	2.2	11
27	Interaction of adriamycin with a regulatory element of <i>hmgb1</i> : spectroscopic and calorimetric approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 1612-1623.	3.5	10