

VARINDER KUMAR

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Country

India

Other IDs

ResearcherID: P-2829-2015 (<http://www.researcherid.com/rid/P-2829-2015>)

Scopus Author ID: 57202536083 (<http://www.scopus.com/inward/authorDetails.url?authorID=57202536083&partnerID=MN8TOARS>)

Employment (1)

Goswami Ganesh Dutta Sanatan Dharma College:

Chandigarh, Punjab, IN

2006-07-02 to present | Assistant Professor (Bioinformatics)

Employment

Source:VARINDER KUMAR

Works (18 of 18)

Photocatalytic and molecular docking supported antimicrobial investigations of PVP capped MWCNTs/La/ZnO nanostructures

Materials Science and Engineering: B

2023-09 | journal-article

DOI: 10.1016/j.mseb.2023.116582

Part of ISSN: 0921-5107

Source:VARINDER KUMAR

In silico analysis of genomic landscape of SARS-CoV-2 and its variant of concerns (Delta and Omicron) reveals changes in the coding potential of miRNAs and their target genes

Gene

2023 | journal-article

DOI: 10.1016/J.GENE.2022.147097

WOSUID: WOS:000904636900001

Source:Web of Science Researcher Profile Sync

Chlorhexidine and SARS-CoV-2 main protease: Molecular docking study

Journal of Indian Society of Periodontology

2022 | journal-article

DOI: 10.4103/JISP.JISP_39_22

Source:Web of Science Researcher Profile Sync

Fluorine-containing 2,3-diaryl quinolines as potent inhibitors of methicillin and vancomycin-resistant *Staphylococcus aureus*: Synthesis, antibacterial activity and molecular docking studies

Journal of Molecular Structure

2021-11 | journal-article

DOI: 10.1016/j.molstruc.2021.130924

Part of ISSN: 0022-2860

Source:VARINDER KUMAR

Genome-wide computational prediction of miRNAs in severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) revealed target genes involved in pulmonary vasculature and antiviral innate immunity

Molecular Biology Research Communications

2020 | journal-article

DOI: 10.22099/mbrc.2020.36507.1487

EID: 2-s2.0-85087022607

Part of ISBN: 23452005 2322181X

Source:VARINDER KUMAR via Scopus - Elsevier

Role of Computational Chemistry in Higher Education

EMERGING PARADIGMS IN HIGHER EDUCATION

2020 | book-chapter

Part of ISBN: 978-81-93991-67-1

Source:VARINDER KUMAR

Computational prediction of miRNAs in Nipah virus genome reveals possible interaction with human genes involved in encephalitis

Molecular Biology Research Communications

2018 | journal-article

DOI: 10.22099/mbrc.2018.29577.1322

EID: 2-s2.0-85054848867

Source:VARINDER KUMAR via Scopus - Elsevier

In silico mutational analysis and identification of stability centers in human interleukin-4

Molecular Biology Research Communications

2018 | journal-article

DOI: 10.22099/mbrc.2018.28855.1310

EID: 2-s2.0-85048682084

Source:VARINDER KUMAR via Scopus - Elsevier

Synthesis, Biological Evaluation, Molecular Docking and DFT Study of Potent Antileishmanial Agents Based on the Thiazolo[3, 2-a]pyrimidine Chemical Scaffold

ChemistrySelect

2018 | journal-article

DOI: 10.1002/slct.201800056

EID: 2-s2.0-85043771161

Source:VARINDER KUMARviaScopus - Elsevier

Comparative Analysis of Gene Prediction Tools: RAST, Genmark hmm and AMIgene

International Journal of Engineering Trends and Technology

2017 | journal-article

DOI: 10.14445/2231-5381

Source:VARINDER KUMARviaResearcherID

Genome wide Computational Prediction of miRNAs in Kyasanur Forest Disease Virus and their Targeted Genes in Human

Innovative Thoughts International Research Journal

2017 | journal-article

SOURCE-WORK-ID: 0117181012288-12

Source:VARINDER KUMARviaResearcherID

Genome Wide Computational Prediction of miRNAs in Kyasanur Forest Disease Virus and their Targeted Genes in Human

bioRxiv

2016 | journal-article

DOI: 10.1101/095083

Source:VARINDER KUMARviaResearcherID

STRUCTURE PREDICTION AND ASSESSMENT OF BETA-LACTAMASE TEM-1 FROM S. TYPHI USING MOLECULAR DYNAMICS AND SIMULATION STUDIES

International Journal of Recent Scientific Research

2016 | journal-article

SOURCE-WORK-ID: 1121170259520-9

Source:VARINDER KUMARviaResearcherID

Molecular Phylogeny

Molecular Biology and Biotechnology: Basic Experimental Protocols

2013 | book-chapter

SOURCE-WORK-ID: 1121170259520-7

Source:VARINDER KUMARviaResearcherID

Nucleotide Sequence Analysis

Molecular Biology and Biotechnology: Basic Experimental Protocols

2013 | book-chapter

SOURCE-WORK-ID: 1121170259520-6

Source:VARINDER KUMARviaResearcherID

Protein Sequence and Structure Analysis

Molecular Biology and Biotechnology: Basic Experimental Protocols

2013 | book-chapter

SOURCE-WORK-ID: 1121170259520-5

Source:VARINDER KUMARviaResearcherID

Sequence Retrieval from Databases

Molecular Biology and Biotechnology: Basic Experimental Protocols

2013 | book-chapter

SOURCE-WORK-ID: 1121170259520-3

Source:VARINDER KUMARviaResearcherID

Sequence Similarity Search

Molecular Biology and Biotechnology: Basic Experimental Protocols

2013 | book-chapter

SOURCE-WORK-ID: 1121170259520-4

Source:VARINDER KUMARviaResearcherID

Peer review (1)

- review activity for **Gene. (2)**

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