

Vineeta Singh

List of Publications by Year in descending order

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49
papers

1,110
citations

471509

17
h-index

434195

31
g-index

49
all docs

49
docs citations

49
times ranked

1365
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for Fermentation Medium Optimization: An In-Depth Review. <i>Frontiers in Microbiology</i> , 2016, 7, 2087.	3.5	306
2	Developments in strategies for Quorum Sensing virulence factor inhibition to combat bacterial drug resistance. <i>Microbial Pathogenesis</i> , 2018, 121, 293-302.	2.9	83
3	Optimization of actinomycin V production by <i>Streptomyces triostinicus</i> using artificial neural network and genetic algorithm. <i>Applied Microbiology and Biotechnology</i> , 2009, 82, 379-385.	3.6	65
4	Saponins: Extraction, bio-medicinal properties and way forward to anti-viral representatives. <i>Food and Chemical Toxicology</i> , 2021, 150, 112075.	3.6	57
5	Isolation, Screening, and Identification of Novel Isolates of Actinomycetes from India for Antimicrobial Applications. <i>Frontiers in Microbiology</i> , 2016, 7, 1921.	3.5	51
6	Quorum sensing pathways in Gram-positive and -negative bacteria: potential of their interruption in abating drug resistance. <i>Journal of Chemotherapy</i> , 2019, 31, 161-187.	1.5	39
7	Anti-Cancerous Effect of Rutin Against HPV-C33A Cervical Cancer Cells via G0/G1 Cell Cycle Arrest and Apoptotic Induction. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 409-418.	1.2	39
8	RSM&acaronGA Based Optimization of Bacterial PHA Production and In Silico Modulation of Citrate Synthase for Enhancing PHA Production. <i>Biomolecules</i> , 2019, 9, 872.	4.0	31
9	Response Surface Methodology-Genetic Algorithm Based Medium Optimization, Purification, and Characterization of Cholesterol Oxidase from <i>Streptomyces rimosus</i> . <i>Scientific Reports</i> , 2018, 8, 10913.	3.3	27
10	Isolation, characterization and antifungal docking studies of wortmannin isolated from <i>Penicillium radicum</i> . <i>Scientific Reports</i> , 2015, 5, 11948.	3.3	24
11	Production, optimization and purification of an antifungal compound from <i>Streptomyces capoamus</i> MTCC 8123. <i>Medicinal Chemistry Research</i> , 2008, 17, 94-102.	2.4	21
12	Artificial Intelligence versus Statistical Modeling and Optimization of Cholesterol Oxidase Production by using <i>Streptomyces</i> Sp.. <i>PLoS ONE</i> , 2015, 10, e0137268.	2.5	21
13	PRODUCTION OF ANTIBACTERIAL AND ANTIFUNGAL METABOLITES BY <i>STREPTOMYCES VIOLACEUS</i> NIGER AND MEDIA OPTIMIZATION STUDIES FOR THE MAXIMUM METABOLITE PRODUCTION. <i>Medicinal Chemistry Research</i> , 2004, 13, 790-799.	2.4	20
14	Synthesis, antimicrobial, cytotoxic and <i>E. coli</i> DNA gyrase inhibitory activities of coumarinyl amino alcohols. <i>Bioorganic Chemistry</i> , 2017, 71, 120-127.	4.1	20
15	Production and statistical optimization of a novel olivanic acid by <i>Streptomyces olivaceus</i> MTCC 6820. <i>Process Biochemistry</i> , 2008, 43, 1313-1317.	3.7	19
16	Enzymatic degradation of bacterial biofilms using <i>Aspergillus clavatus</i> MTCC 1323. <i>Microbiology</i> , 2015, 84, 59-64.	1.2	19
17	Design, Synthesis and Biological Evaluation of Some New Coumarin Derivatives as Potential Antimicrobial Agents. <i>Medicinal Chemistry</i> , 2015, 11, 128-134.	1.5	19
18	Production, purification and characterization of cholesterol oxidase from a newly isolated <i>Streptomyces</i> sp.. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 2077-2085.	3.6	18

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19	Inhibitory effect of clove oil nanoemulsion on fumonisin isolated from maize kernels. <i>LWT - Food Science and Technology</i> , 2020, 134, 110237.	5.2	15
20	Synthesis, antimicrobial and chitinase inhibitory activities of 3-amidocoumarins. <i>Bioorganic Chemistry</i> , 2020, 98, 103700.	4.1	15
21	Does Harvey-Ras gene expression lead to oral squamous cell carcinoma? A clinicopathological aspect. <i>Journal of Oral and Maxillofacial Pathology</i> , 2018, 22, 65.	0.6	15
22	Isolation and purification of antibacterial compound from <i>Streptomyces levis</i> collected from soil sample of north India. <i>PLoS ONE</i> , 2018, 13, e0200500.	2.5	14
23	Microbial dysbiosis and epigenetics modulation in cancer development – A chemopreventive approach. <i>Seminars in Cancer Biology</i> , 2022, 86, 666-681.	9.6	13
24	Silybin B and Cianidanol Inhibit Mpro and Spike Protein of SARS-CoV-2: Evidence from in silico Molecular Docking Studies. <i>Current Pharmaceutical Design</i> , 2021, 27, 3476-3489.	1.9	12
25	<i>In Silico</i> Studies Reveal Antiviral Effects of Traditional Indian Spices on COVID-19. <i>Current Pharmaceutical Design</i> , 2021, 27, 3462-3475.	1.9	12
26	Preparation and Evaluation of the ZnO NP – Ampicillin/Sulbactam Nanoantibiotic: Optimization of Formulation Variables Using RSM Coupled GA Method and Antibacterial Activities. <i>Biomolecules</i> , 2019, 9, 764.	4.0	11
27	Phylogenetics of an antibiotic producing <i>Streptomyces</i> strain isolated from soil. <i>Bioinformation</i> , 2009, 4, 53-58.	0.5	10
28	Artificial Intelligence vs. Statistical Modeling and Optimization of Continuous Bead Milling Process for Bacterial Cell Lysis. <i>Frontiers in Microbiology</i> , 2016, 7, 1852.	3.5	9
29	Spectroscopic and electronic structure calculation of a potential antibacterial agent incorporating pyrido-dipyrimidine-dione moiety using first principles. <i>Journal of Molecular Structure</i> , 2016, 1110, 128-137.	3.6	8
30	Cholesterol oxidase production from entrapped cells of <i>Streptomyces</i> sp.. <i>Journal of Basic Microbiology</i> , 2014, 54, 1233-1239.	3.3	7
31	Scale up and optimization of cholesterol oxidase production from <i>Streptomyces rimosus</i> MTCC 10792 in a 3-L bioreactor. <i>Environmental Sustainability</i> , 2018, 1, 99-107.	2.8	7
32	Biotransformation of newly synthesized coumarin derivatives by <i>Candida albicans</i> as potential antibacterial, antioxidant and cytotoxic agents. <i>Process Biochemistry</i> , 2019, 87, 138-144.	3.7	7
33	Isolation, Purification, and Characterization of Heparinase from <i>Streptomyces variabilis</i> MTCC 12266. <i>Scientific Reports</i> , 2019, 9, 6482.	3.3	7
34	Upregulated histone deacetylase 2 gene correlates with the progression of oral squamous cell carcinoma. <i>Cancer Biomarkers</i> , 2020, 29, 543-552.	1.7	7
35	Identification of new BACE1 inhibitors for treating Alzheimer's disease. <i>Journal of Molecular Modeling</i> , 2021, 27, 58.	1.8	7
36	Studies on medium optimization for the production of antifungal and antibacterial antibiotics from a bioactive soil actinomycete. <i>Medicinal Chemistry Research</i> , 2008, 17, 425-436.	2.4	6

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37	Lilium philadelphicum Flower as a Novel Source of Antimicrobial Agents: A Study of Bioactivity, Phytochemical Analysis, and Partial Identification of Antimicrobial Metabolites. Sustainability, 2021, 13, 8471.	3.2	6
38	Antimicrobial activities of microbial strains isolated from soil of stressed ecological niches of Eastern Uttar Pradesh, India. Indian Journal of Experimental Biology, 2009, 47, 298-303.	0.0	6
39	Bioassays for Bioactivity Screening. Comprehensive Analytical Chemistry, 2014, , 79-114.	1.3	5
40	Synthesis, spectroscopic investigation, molecular docking and DFT studies of novel (2Z,4Z)-2,4-bis(4-chlorobenzylidene)-5-oxo-1-phenylpyrrolidine-3-carboxylic acid (BCOPCA). Heliyon, 2018, 4, e01009.	3.2	5
41	Synthesis and Biological Evaluation of Some Novel Claisen Products of 5-oxo-1-phenylpyrrolidine-3-carboxylic Acid as Antimicrobial and Antioxidant Agents. ChemistrySelect, 2019, 4, 629-632.	1.5	5
42	Antimicrobial and Antifungal Properties of Leaves to Root Extracts and Saponin Fractions of Chlorophytum borivilianum. Current Bioactive Compounds, 2021, 17, .	0.5	5
43	Quantum chemical calculations and molecular docking studies of 5-(4-chlorobenzylidene)thiazolidine-2,4-dione(CTD) and its mannich product 5-(4-chlorobenzylidene)-3-(morpholinomethyl)thiazolidine-2,4-dione (CMTD). Journal of Molecular Structure. 2018. 1157. 177-190.	3.6	4
44	Synthesis and Antifungal Activity of Some Novel Coumarin-Amino Acid Conjugates. ChemistrySelect, 2022, 7, .	1.5	4
45	An Easy Synthetic Access to Spiro Derivatives Containing Pyrido[1,2-a]pyrimidine and Quinoline Scaffolds and Their Antimicrobial Activity.. ChemistrySelect, 2017, 2, 4006-4009.	1.5	3
46	Discovery of Novel Thiazol-2-Amines and Their Analogues as Bioactive Molecules: Design, Synthesis, Docking and Biological Evaluation. Drug Research, 2018, 68, 222-231.	1.7	2
47	Quorum Quenching-Guided Inhibition of Mixed Bacterial Biofilms and Virulence Properties by Protein Derived From Leaves of Carissa carandas. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	2
48	ANTIMICROBIAL AND CHITINASE INHIBITORY ACTIVITIES OF 7-BENZAMIDOCUMARINS. Asian Journal of Pharmaceutical and Clinical Research, 0, , 114-119.	0.3	1
49	A Compact Synthesis and Biological Evaluation of Biginilli Products of 1,3-Bis(3-Chlorophenyl)-2-Thioxodihydropyrimidine-4,6(1H,5H)-Dione. Polycyclic Aromatic Compounds, 2023, 43, 131-140.	2.6	1