Kamal Dev

List of Publications by Year
in descending order

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56	959	393982	500791
papers	citations	19	28
		h-index	g-index

58	58	58	964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development and evaluation of hydrogel formulation comprising essential oil of Mentha longifolia L. for oral candidiasis. Advances in Traditional Medicine, 2023, 23, 777-787.	1.0	2
2	Molecular docking studies of phytocompounds ofRheum emodiWall with proteins responsible for antibiotic resistance in bacterial and fungal pathogens:in silicoapproach to enhance the bio-availability of antibiotics. Journal of Biomolecular Structure and Dynamics, 2022, 40, 3789-3803.	2.0	24
3	In vitroandin silicoanalysisof Thymus serpyllumessential oil as bioactivity enhancer of antibacterial and antifungal agents. Journal of Biomolecular Structure and Dynamics, 2022, 40, 10383-10402.	2.0	20
4	Role of medicinal plants from North Western Himalayas as an efflux pump inhibitor against MDR AcrAB-TolC Salmonella enterica serovar typhimurium: In vitro and In silico studies. Journal of Ethnopharmacology, 2022, 282, 114589.	2.0	23
5	Traditional uses, bioactive composition, pharmacology, and toxicology of Phyllanthus emblica fruits: A comprehensive review. Journal of Ethnopharmacology, 2022, 282, 114570.	2.0	69
6	Antihypertensive activity of phytocompounds from selected medicinal plants via inhibition of angiotensin-converting enzyme (ACE) protein: an in-silico approach. Natural Product Research, 2022, 36, 4526-4529.	1.0	5
7	Hydrogel composite containing azelaic acid and tea tree essential oil as a therapeutic strategy for Propionibacterium and testosterone-induced acne. Drug Delivery and Translational Research, 2022, 12, 2501-2517.	3.0	9
8	In vitroandin silicoantioxidant and anti-inflammatory potential of essential oil ofCymbopogon citratus(DC.) Stapf. of North-Western Himalaya. Journal of Biomolecular Structure and Dynamics, 2022, 40, 14131-14145.	2.0	10
9	Methylxanthines as Potential Inhibitor of SARS-CoV-2: an In Silico Approach. Current Pharmacology Reports, 2022, 8, 149-170.	1.5	15
10	Bioassay Guided Fractionation of Phytocompounds from Bergenia ligulata: A synergistic approach to treat drug resistant bacterial and fungal pathogens. Pharmacological Research Modern Chinese Medicine, 2022, 3, 100076.	0.5	7
11	Comparison of Phytochemicals, Antioxidant, and Antimicrobial Activities of in Vitro Propagated and Wild Grown Potentilla Nepalensis, an Endemic Medicinal Plant from North Western Himalayas. Journal of Herbs, Spices and Medicinal Plants, 2022, 28, 324-336.	0.5	3
12	In silico screening of hundred phytocompounds of ten medicinal plants as potential inhibitors of nucleocapsid phosphoprotein of COVID-19: an approach to prevent virus assembly. Journal of Biomolecular Structure and Dynamics, 2021, 39, 7017-7034.	2.0	69
13	Combination between antibacterial and antifungal antibiotics with phytocompounds of Artemisia annua L: A strategy to control drug resistance pathogens. Journal of Ethnopharmacology, 2021, 266, 113420.	2.0	22
14	Comparative Phytochemicals and Antioxidant activity of various Solvent extracts of Zanthoxylum armatum leaves from different Geographical regions of Himachal Pradesh and their correlation analysis. Research Journal of Pharmacy and Technology, 2021, , 2270-2276.	0.2	1
15	Antiviral activity of bioactive phytocompounds against coronavirus: An update. Journal of Virological Methods, 2021, 290, 114070.	1.0	23
16	Isolation and characterization of salt-tolerant bacteria with plant growth-promoting activities from saline agricultural fields of Haryana, India. Journal of Genetic Engineering and Biotechnology, 2021, 19, 99.	1.5	31
17	Comparative analysis of phytochemicals, antimicrobial and antioxidant activity of different species of Terminalia from Himachal Pradesh, India. Vegetos, 2021, 34, 528-539.	0.8	5
18	Synergistic potential of essential oils with antibiotics to combat fungal pathogens: Present status and future perspectives. Phytotherapy Research, 2021, 35, 6089-6100.	2.8	17

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19	Phytocompounds of Rheum emodi, Thymus serpyllum, and Artemisia annua Inhibit Spike Protein of SARS-CoV-2 Binding to ACE2 Receptor: In Silico Approach. Current Pharmacology Reports, 2021, 7, 135-149.	1.5	50
20	Genetic diversity in Terminalia arjuna from the North Western region of Himachal Pradesh, India. Ecological Genetics and Genomics, 2021, 21, 100100.	0.3	0
21	Synergistic potential of Citrus aurantium L. essential oil with antibiotics against Candida albicans. Journal of Ethnopharmacology, 2020, 262, 113135.	2.0	58
22	Thalictrum foliolosum DC: An unexplored medicinal herb from north western Himalayas with potential against fungal pathogens and scavenger of reactive oxygen species. Biocatalysis and Agricultural Biotechnology, 2020, 26, 101621.	1.5	11
23	Thalictrum foliolosum: A lesser unexplored medicinal herb from the Himalayan region as a source of valuable benzyl isoquinoline alkaloids. Journal of Ethnopharmacology, 2020, 255, 112736.	2.0	22
24	Applications of red pigments from psychrophilic Rhodonellum psychrophilum GL8 in health, food and antimicrobial finishes on textiles. Process Biochemistry, 2020, 94, 15-29.	1.8	32
25	Draft Genome Sequence of â€œ Candidatus Arthromitusâ€•UMNCA01, a Suspected Commensal Isolated from the Gut Microbiome of Commercial Turkey. Microbiology Resource Announcements, 2020, 9, .	0.3	1
26	Bioassay guided fractionation of rhizome extract of Rheum emodi wall as bio-availability enhancer of antibiotics against bacterial and fungal pathogens. Journal of Ethnopharmacology, 2020, 257, 112867.	2.0	31
27	Isolation of gene conferring salt tolerance from halophilic bacteria of Lunsu, Himachal Pradesh, India. Journal of Genetic Engineering and Biotechnology, 2020, 18, 57.	1.5	2
28	Saccharomyces cerevisiae ER membrane protein complex subunit 4 (EMC4) plays a crucial role in eIF2B-mediated translation regulation and survival under stress conditions. Journal of Genetic Engineering and Biotechnology, 2020, 18, 15.	1.5	2
29	Molecular evolution of Thermophilic Geobacillus species isolated from Tattapani Hotspring (India) and the Worldwide Distribution. Current Trends in Biotechnology and Pharmacy, 2020, 14, 16-32.	0.3	0
30	Altitudinal variation in gallic acid content in fruits of Phyllanthus emblica L. and its correlation with antioxidant and antimicrobial activity. Vegetos, 2019, 32, 387-396.	0.8	18
31	Evaluation of Methods for Inoculating Dry Powder Foods with Salmonella enterica, Enterococcus faecium, or Cronobacter sakazakii. Journal of Food Protection, 2019, 82, 1082-1088.	0.8	16
32	Draft Genome Sequence of Hyperthermophilic, Halotolerant Parageobacillus toebii PW12, Isolated from the Tattapani Hot Spring, Northwest Himalayas. Microbiology Resource Announcements, 2019, 8, .	0.3	4
33	Draft Genome Sequence of Halobacillus trueperi SS1, Isolated from Lunsu, a Saltwater Body in the Northwest Himalayas. Microbiology Resource Announcements, 2019, 8, .	0.3	2
34	Endoglucanase gene of M42 aminopeptidase/endoglucanase family from thermophilic Bacillus sp. PW1 and PW2 isolated from Tattapani hot spring, Himachal Pradesh, India. Journal of Genetic Engineering and Biotechnology, 2019, 17, 4.	1.5	3
35	Saccharomyces cerevisiae polo-like kinase, Cdc5 exhibits ATP-dependent Mg2+-enhanced kinase activity in vitro. Heliyon, 2019, 5, e03050.	1.4	2
36	Characterization of Thermally Stable Î² Galactosidase from Anoxybacillus flavithermus and Bacillus licheniformis Isolated from Tattapani Hotspring of North Western Himalayas, India. International Journal of Current Microbiology and Applied Sciences, 2019, 8, 2517-2542.	0.0	4

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37	Sequential Fractionation by Organic Solvents Enhances the Antioxidant and Antibacterial Activity of Ethanolic Extracts of Fruits and Leaves of Terminalia bellerica from North Western Himalayas, India. Pharmacognosy Journal, 2019, 11, 94-101.	0.3	11
38	Distinct Osmoadaptation Strategies in the Strict Halophilic and Halotolerant Bacteria Isolated from Lunsu Salt Water Body of North West Himalayas. Current Microbiology, 2018, 75, 888-895.	1.0	24
39	Comparative evaluation of antimicrobial and antioxidant potential of ethanolic extract and its fractions of bark and leaves of Terminalia arjuna from north-western Himalayas, India. Journal of Traditional and Complementary Medicine, 2018, 8, 100-106.	1.5	41
40	Traditional Medicinal Plants of Higher Altitude of Himachal Pradesh as Functional Food Ingredient Cum Food Preservative and Bioavailability Enhancer of Anifungal Antibiotics. SSRN Electronic Journal, 2018, , .	0.4	1
41	16S rRNA Gene Amplicon Data Set-Based Bacterial Diversity in a Water-Soil Sample from Pangong Tso Lake, a High-Altitude Grassland Lake of the Northwest Himalayas. Microbiology Resource Announcements, 2018, 7, .	0.3	10
42	Polo-Like Kinase (PLK). , 2018, , 4100-4106.		0
43	Subcellular localization based comparative study on radioresistant bacteria: A novel approach to mine proteins involve in radioresistance. Computational Biology and Chemistry, 2017, 69, 1-9.	1.1	5
44	Controlled release of antibiotic amoxicillin drug using carboxymethyl cellulose-cl-poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	3.6	79
45	Role of Saccharomyces cerevisiae TAN1 (tRNA acetyltransferase) in eukaryotic initiation factor 2B (eIF2B)-mediated translation control and stress response. 3 Biotech, 2017, 7, 223.	1.1	2
46	Comparative Antioxidant Potential of Bark and Leaves of Terminalia arjuna (Roxb) Wight & Arn from Himachal Pradesh. International Journal of Pharmaceutical and Phytopharmacological Research, 2017, 6, 27.	0.1	12
47	Polo-like Kinase (PLK). , 2017, , 1-7.		0
48	Halophilic Bacteria of Lunsu Produce an Array of Industrially Important Enzymes with Salt Tolerant Activity. Biochemistry Research International, 2016, 2016, 1-10.	1.5	23
49	Generation of an inducible system to express polo-like kinase, Cdc5 as TAP fusion protein during meiosis in Saccharomyces cerevisiae. 3 Biotech, 2016, 6, 185.	1.1	0
50	Functions of Polo-Like Kinases: A Journey From Yeast To Humans. Protein and Peptide Letters, 2016, 23, 185-197.	0.4	19
51	A diverse group of halophilic bacteria exist in Lunsu, a natural salt water body of Himachal Pradesh, India. SpringerPlus, 2015, 4, 274.	1.2	28
52	The Î²/Gcd7 Subunit of Eukaryotic Translation Initiation Factor 2B (eIF2B), a Guanine Nucleotide Exchange Factor, Is Crucial for Binding eIF2 In Vivo. Molecular and Cellular Biology, 2010, 30, 5218-5233.	1.1	35
53	Archaeal aIF2B Interacts with Eukaryotic Translation Initiation Factors eIF2Î± and eIF2BÎ±: Implications for aIF2B Function and eIF2B Regulation. Journal of Molecular Biology, 2009, 392, 701-722.	2.0	34
54	Silencing of Hygromycin Phosphotransferase (hph) Gene During Sexual Cycle and Its Reversible Inactivation in Heterokaryon of Neurospora crassa. Current Microbiology, 2003, 47, 220-225.	1.0	3

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55	Transformation in Heterokaryons of Neurospora crassa Is Nuclear Rather Than Cellular Phenomenon. Current Microbiology, 2002, 44, 309-313.	1.0	7
56	Methanolic Extracts of the Rhizome of <i>R. emodi</i> Act as Bioenhancer of Antibiotics against Bacteria and Fungi and Antioxidant Potential. Medicinal Plant Research, 0, , .	0.0	4