Rajinder K Gupta

List of Publications by Year
in descending order

36	2,153	304743	361022
papers	citations	22 h-index	35 g-index

36	36	36	3034
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural gums of plant origin as edible coatings for food industry applications. Critical Reviews in Biotechnology, 2017, 37, 959-973.	9.0	106
2	Biological control of toxigenic citrus and papayaâ€rotting fungi by Streptomyces violascens MT7 and its extracellular metabolites. Journal of Basic Microbiology, 2015, 55, 1343-1356.	3.3	20
3	Identification and molecular docking analysis ofactive ingredients with medicinal properties from edible Baccaurea sapida. Bioinformation, 2015, 11, 437-443.	0.5	10
4	Culturable bioactive actinomycetes from the Great Indian Thar Desert. Annals of Microbiology, 2015, 65, 1901-1914.	2.6	26
5	Bioactive Metabolites from Rare Actinomycetes. Studies in Natural Products Chemistry, 2014, , 419-512.	1.8	7
6	Chitinases: in agriculture and human healthcare. Critical Reviews in Biotechnology, 2014, 34, 215-232.	9.0	102
7	Isolation and characterization of chitinolytic Streptomyces sp. MT7 and its antagonism towards wood-rotting fungi. Annals of Microbiology, 2014, 64, 531-541.	2.6	31
8	Biosensors for pathogen detection: A smart approach towards clinical diagnosis. Sensors and Actuators B: Chemical, 2014, 197, 385-404.	7.8	147
9	Fungal cell-wall lytic enzymes, antifungal metabolite(s) production, and characterization fromStreptomyces exfoliatusMT9 for controlling fruit-rotting fungi. Journal of Basic Microbiology, 2014, 54, 1295-1309.	3.3	28
10	Mycolytic enzymes produced by Streptomyces violaceusniger and their role in antagonism towards woodâ€rotting fungi. Journal of Basic Microbiology, 2014, 54, 397-407.	3.3	28
11	Diversity and isolation of rare actinomycetes: an overview. Critical Reviews in Microbiology, 2013, 39, 256-294.	6.1	96
12	Purification and characterization of an extracellular chitinase from antagonistic Streptomyces violaceusniger. Journal of Basic Microbiology, 2013, 53, 429-439.	3.3	52
13	Rare actinomycetes: a potential storehouse for novel antibiotics. Critical Reviews in Biotechnology, 2012, 32, 108-132.	9.0	223
14	Nanobiocomposite platform based on polyaniline-iron oxide-carbon nanotubes for bacterial detection. Bioelectrochemistry, 2012, 86, 30-37.	4.6	51
15	Antimicrobial Investigation of Linum usitatissimum for the Treatment of Acne. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	3
16	Chitosanâ€“iron oxide nano-composite platform for mismatch-discriminating DNA hybridization for Neisseria gonorrhoeae detection causing sexually transmitted disease. Biosensors and Bioelectronics, 2011, 26, 2967-2974.	10.1	65
17	Bioprotective properties of Dragon's blood resin: In vitro evaluation of antioxidant activity and antimicrobial activity. BMC Complementary and Alternative Medicine, 2011, 11, 13.	3.7	50
18	DNA biosensor for detection of Neisseria gonorrhoeae causing sexually transmitted disease. Journal of Biotechnology, 2010, 150, 357-365.	3.8	27

#	Article	IF	Citations
19	Fabrication of Neisseria gonorrhoeae biosensor based on chitosanâ€“MWCNT platform. Thin Solid Films, 2010, 519, 1135-1140.	1.8	19
20	Phylogenetic analysis of cyanobacterial strains of genus-Calothrix by single and multiplex randomly amplified polymorphic DNA-PCR. World Journal of Microbiology and Biotechnology, 2008, 24, 927-935.	3.6	8
21	Dragon's blood: Botany, chemistry and therapeutic uses. Journal of Ethnopharmacology, 2008, 115, 361-380.	4.1	261
22	Bacterial Chitinases: Properties and Potential. Critical Reviews in Biotechnology, 2007, 27, 21-28.	9.0	344
23	Biocontrol of wood-rotting fungi withStreptomyces violaceusnigerXL-2. Canadian Journal of Microbiology, 2006, 52, 805-808.	1.7	65
24	Synthesis of novel amino and acetyl amino-4-methylcoumarins and evaluation of their antioxidant activity. European Journal of Medicinal Chemistry, 2005, 40, 413-420.	5.5	97
25	Synthesis of Novel Amino- and Acetylamino-4-methylcoumarins and Evaluation of Their Antioxidant Activity.. ChemInform, 2005, 36, no.	0.0	0
26	Influence of cultural parameters on the depolymerization of a soluble lignite coal polymer by Pseudomonas cepacia DLC-07. Resources, Conservation and Recycling, 1991, 5, 245-254.	10.8	17
27	Characterization of extracellular bacterial enzymes which depolymerize a soluble lignite coal polymer. Fuel, 1991, 70, 577-580.	6.4	17
28	Depolymerization and chemical modification of lignite coal byPseudomonas cepacia strain DLC-07. Applied Biochemistry and Biotechnology, 1990, 24-25, 899-911.	2.9	35
29	Biotransformation of coal by ligninolytic Streptomyces. Canadian Journal of Microbiology, 1988, 34, 667-674.	1.7	39
30	Furanoheliangolides and other compounds from Calea hymenolepis. Phytochemistry, 1982, 21, 2045-2048.	2.9	18
31	Two furanoheliangolides from Calea angusta. Phytochemistry, 1982, 21, 2117-2118.	2.9	13
32	Allenic germacranolides, bourbonene derived lactones and other constituents from Vernonia species. Phytochemistry, 1981, 20, 473-480.	2.9	67
33	Three germacranolides and other constituents from Eremanthus species. Phytochemistry, 1981, 20, 1609-1612.	2.9	24
34	Eudesmanolides and heliangolides from Calea rotundifolia. Phytochemistry, 1981, 20, 1635-1637.	2.9	22
35	Hirsutinolides from Vernonia species. Phytochemistry, 1981, 20, 2233-2237.	2.9	19
36	Furanoheliangolides and farnesol derivatives from Calea hispida. Phytochemistry, 1980, 21, 2899-2903.	2.9	16