

Iqbal Ahmad

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

6,149
citations

36
h-index

75
g-index

170
ext. papers

7,135
ext. citations

3.7
avg, IF

6.32
L-index

#	Paper	IF	Citations
166	screening and validation of phytocompounds as multidrug efflux pump inhibitor against .. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022 , 1-13	3.6	0
165	Marble waste site suitability assessment using the GIS-based AHP model.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	0
164	First Report of Multi-drug Resistant Staphylococcus haemolyticus in Nosocomial Infections in North Western Saudi Arabia. <i>Journal of Pure and Applied Microbiology</i> , 2021 , 15, 725-734	0.9	0
163	Bio-plastic Films Production from Feather Waste Degradation by Keratinolytic Bacteria Bacillus cereus. <i>Journal of Pure and Applied Microbiology</i> , 2021 , 15, 681-688	0.9	1
162	Biofabrication of Gold Nanoparticles Using Extract and Its Antiquorum Sensing and Antibiofilm Activity against Bacterial Pathogens. <i>ACS Omega</i> , 2021 , 6, 16670-16682	3.9	10
161	Biofabricated silver nanoparticles exhibit broad-spectrum antibiofilm and antiquorum sensing activity against Gram-negative bacteria.. <i>RSC Advances</i> , 2021 , 11, 13700-13710	3.7	7
160	Coumarin Exhibits Broad-Spectrum Antibiofilm and Antiquorum Sensing Activity against Gram-Negative Bacteria: and Investigation. <i>ACS Omega</i> , 2021 , 6, 18823-18835	3.9	9
159	Assessment of Hg accumulation in fish and scalp hair in fishing communities along river Swat, Pakistan. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 67159-67166	5.1	0
158	Interference of quorum sensing regulated bacterial virulence factors and biofilms by Plumbago zeylanica extract. <i>Microscopy Research and Technique</i> , 2021 , 84, 3150-3160	2.8	0
157	Plumbagin inhibits quorum sensing-regulated virulence and biofilms of Gram-negative bacteria: and investigations. <i>Biofouling</i> , 2021 , 37, 724-739	3.3	2
156	Antioxidant, antibacterial, and antimutagenic activity of seeds extracts. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 5094-5105	4	4
155	Green synthesis of silver nanoparticles using Carum copticum: Assessment of its quorum sensing and biofilm inhibitory potential against gram negative bacterial pathogens. <i>Microbial Pathogenesis</i> , 2020 , 144, 104172	3.8	22
154	Heavy Metal Tolerance Among Free-living Fungi Isolated from Soil Receiving Long Term Application of Wastewater. <i>Journal of Pure and Applied Microbiology</i> , 2020 , 14, 157-170	0.9	3
153	Immune System Evasion Mechanisms in Staphylococcus aureus: Current Understanding. <i>Journal of Pure and Applied Microbiology</i> , 2020 , 14, 2219-2234	0.9	1
152	Diversity of Antimutagenic Phytocompounds from Indian Medicinal Plants 2020 , 401-412		4
151	Thymus vulgaris essential oil and thymol inhibit biofilms and interact synergistically with antifungal drugs against drug resistant strains of Candida albicans and Candida tropicalis. <i>Journal De Mycologie Medicale</i> , 2020 , 30, 100911	3	33
150	Deciphering the interaction of plumbagin with human serum albumin: A combined biophysical and molecular docking study. <i>Journal of King Saud University - Science</i> , 2020 , 32, 2854-2862	3.6	2

149	Traffic-related lead pollution in roadside soils and plants in Khyber Pakhtunkhwa, Pakistan: implications for human health. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 8015-8022	3.3	11
148	Growth stimulation and alleviation of salinity stress to wheat by the biofilm forming <i>Bacillus pumilus</i> strain FAB10. <i>Applied Soil Ecology</i> , 2019 , 143, 45-54	5	57
147	Airborne PM10 and lead concentrations at selected traffic junctions in Khyber Pakhtunkhwa, Pakistan: Implications for human health. <i>Atmospheric Pollution Research</i> , 2019 , 10, 1320-1325	4.5	8
146	Fluorescent <i>Pseudomonas</i> -FAP2 and <i>Bacillus licheniformis</i> interact positively in biofilm mode enhancing plant growth and photosynthetic attributes. <i>Scientific Reports</i> , 2019 , 9, 4547	4.9	46
145	Antibacterial Effect of Silver Nanoparticles Synthesized Using (L.) against Multidrug-Resistant Pathogens. <i>Bioinorganic Chemistry and Applications</i> , 2019 , 2019, 4649506	4.2	91
144	Mechanism of non-enzymatic antiglycation action by coumarin: a biophysical study. <i>New Journal of Chemistry</i> , 2019 , 43, 12823-12835	3.6	11
143	Isolation, functional characterization and efficacy of biofilm-forming rhizobacteria under abiotic stress conditions. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 1827-1839	2.1	9
142	Potential of Nanoparticles in Combating <i>Candida</i> Infections. <i>Letters in Drug Design and Discovery</i> , 2019 , 16, 478-491	0.8	9
141	Recent Progress in Metal-Microbe Interactions: Prospects in Bioremediation. <i>Journal of Pure and Applied Microbiology</i> , 2019 , 13, 13-26	0.9	7
140	Phenotypic and Genotypic Characterization of Exopolysaccharide Producing Bacteria Isolated from Fermented Fruits, Vegetables and Dairy Products. <i>Journal of Pure and Applied Microbiology</i> , 2019 , 13, 1349-1362	0.9	3
139	Actinomycetes as Continued Source of New Antibacterial Leads 2019 , 327-349		0
138	Emergence and Spread of Multidrug Resistance in Ocular Bacterial Pathogens: A Current Update 2019 , 71-93		
137	Green Synthesis of Metal Nanoparticles: Characterization and their Antibacterial Efficacy 2019 , 635-680		
136	Antibiotic Resistance in <i>Campylobacter jejuni</i> : Mechanism, Status, and Public Health Significance 2019 , 95-114		
135	Alleviating Drought Stress of Crops Through PGPR: Mechanism and Application 2019 , 341-358		4
134	Antibacterial Drug Discovery: Perspective Insights 2019 , 1-21		1
133	Efflux Pump Inhibitors and Their Role in the Reversal of Drug Resistance 2019 , 251-275		1
132	Functional Diversity of Plant Growth-Promoting Rhizobacteria: Recent Progress and Future Prospects 2019 , 229-253		2

131	Broad-spectrum quorum sensing and biofilm inhibition by green tea against gram-negative pathogenic bacteria: Deciphering the role of phytochemicals through molecular modelling. <i>Microbial Pathogenesis</i> , 2019 , 126, 379-392	3.8	32
130	Diversity of Bioactive Compounds and Their Therapeutic Potential 2019 , 15-34		4
129	Plant-Derived Prebiotics and Its Health Benefits 2019 , 63-88		5
128	Indian Berries and Their Active Compounds 2019 , 179-201		1
127	Prospects of Essential Oils in Controlling Pathogenic Biofilm 2019 , 203-236		12
126	Current Strategy to Target Bacterial Quorum Sensing and Virulence by Phytochemicals 2019 , 301-329		2
125	Understanding Biochemical and Molecular Mechanism of Complications of Glycation and Its Management by Herbal Medicine 2019 , 331-366		4
124	Herb and Modern Drug Interactions 2019 , 503-520		1
123	Nanoparticles in Ayurvedic Medicine: Potential and Prospects 2019 , 581-596		
122	In vitro efficacy of eugenol in inhibiting single and mixed-biofilms of drug-resistant strains of <i>Candida albicans</i> and <i>Streptococcus mutans</i> . <i>Phytomedicine</i> , 2019 , 54, 206-213	6.5	26
121	New tailored substituted benzothiazole Schiff base Cu(II)/Zn(II) antitumor drug entities: effect of substituents on DNA binding profile, antimicrobial and cytotoxic activity. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019 , 37, 1863-1879	3.6	36
120	Interference of phosphane copper (I) complexes of Escarboline with quorum sensing regulated virulence functions and biofilm in foodborne pathogenic bacteria: A first report. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 308-316	4	10
119	Bioactive extracts of <i>L. enhances</i> efficacy of ciprofloxacin against MDR enteric bacteria. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 1848-1855	4	6
118	Genotoxicity inhibition by (<i>L.</i>) seed fraction and rutin: understanding the underlying mechanism of DNA protection. <i>Toxicology Research</i> , 2018 , 7, 156-171	2.6	12
117	Assessment of lead exposure among automobile technicians in Khyber Pakhtunkhwa, Pakistan. <i>Science of the Total Environment</i> , 2018 , 633, 293-299	10.2	18
116	Prevalence and Antibiotic Resistance Profiles of <i>Campylobacter jejuni</i> Isolated from Poultry Meat and Related Samples at Retail Shops in Northern India. <i>Foodborne Pathogens and Disease</i> , 2018 , 15, 218-225	3.8	24
115	Antioxidant properties and anti-mutagenic potential of Piper Cubeba fruit extract and molecular docking of certain bioactive compounds. <i>Drug and Chemical Toxicology</i> , 2018 , 41, 358-367	2.3	5
114	Multi-spectroscopic and molecular modelling approach to investigate the interaction of riboflavin with human serum albumin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018 , 36, 795-809	3.6	59

113	In vitro interaction of cefotaxime with calf thymus DNA: Insights from spectroscopic, calorimetric and molecular modelling studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 149, 193-205	3.5	34
112	Broad-spectrum inhibitory effect of green synthesised silver nanoparticles from <i>Withania somnifera</i> (L.) on microbial growth, biofilm and respiration: a putative mechanistic approach. <i>IET Nanobiotechnology</i> , 2018 , 12, 325-335	2	23
111	Plant growth promoting attributes and alleviation of salinity stress to wheat by biofilm forming <i>Brevibacterium</i> sp. FAB3 isolated from rhizospheric soil. <i>Saudi Journal of Biological Sciences</i> , 2018 ,	4	14
110	Biofilm Development, Plant Growth Promoting Traits and Rhizosphere Colonization by <i>Pseudomonas entomophila</i> ; FAP1: A Promising PGPR. <i>Advances in Microbiology</i> , 2018 , 08, 235-251	0.6	34
109	Seed Extract of and Its Constituent Bakuchiol Impairs AHL-Based Quorum Sensing and Biofilm Formation in Food- and Human-Related Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 351	5.9	15
108	Low Temperature Synthesis of Superparamagnetic Iron Oxide (FeO) Nanoparticles and Their ROS Mediated Inhibition of Biofilm Formed by Food-Associated Bacteria. <i>Frontiers in Microbiology</i> , 2018 , 9, 2567	5.7	34
107	Facile Synthesis of Tin Oxide Hollow Nanoflowers Interfering with Quorum Sensing-Regulated Functions and Bacterial Biofilms. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-11	3.2	13
106	Diversity of antibiotic-resistant Shiga toxin-producing <i>Escherichia coli</i> serogroups in foodstuffs of animal origin in northern India. <i>Journal of Food Safety</i> , 2018 , 38, e12566	2	3
105	Study of pyridoxamine against glycation and reactive oxygen species production in human serum albumin as model protein: An in vitro & ex vivo approach. <i>International Journal of Biological Macromolecules</i> , 2018 , 120, 1734-1743	7.9	16
104	Nanoparticles as Quorum Sensing Inhibitor: Prospects and Limitations 2018 , 227-244		4
103	Quorum Sensing Interference by Natural Products from Medicinal Plants: Significance in Combating Bacterial Infection 2018 , 417-445		3
102	Quorum Sensing in Phytopathogenic Bacteria and Its Relevance in Plant Health 2018 , 351-370		1
101	Biofabrication of Zinc Oxide Nanoparticle from <i>Ochradenus baccatus</i> Leaves: Broad-Spectrum Antibiofilm Activity, Protein Binding Studies, and In Vivo Toxicity and Stress Studies. <i>Journal of Nanomaterials</i> , 2018 , 2018, 1-14	3.2	27
100	Diversity and Applications of <i>Penicillium</i> spp. in Plant-Growth Promotion 2018 , 261-276		4
99	Antioxidant and antimutagenic potential of <i>Psidium guajava</i> leaf extracts. <i>Drug and Chemical Toxicology</i> , 2017 , 40, 146-153	2.3	23
98	Interaction of capsaicin with calf thymus DNA: A multi-spectroscopic and molecular modelling study. <i>International Journal of Biological Macromolecules</i> , 2017 , 97, 392-402	7.9	86
97	Functional loss of GABA transaminase (GABA-T) expressed early leaf senescence under various stress conditions in <i>Arabidopsis thaliana</i> . <i>Current Plant Biology</i> , 2017 , 9-10, 11-22	3.3	24
96	Rutin inhibits mono and multi-species biofilm formation by foodborne drug resistant <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Food Control</i> , 2017 , 79, 325-332	6.2	60

95	Eugenol inhibits quorum sensing and biofilm of toxigenic MRSA strains isolated from food handlers employed in Saudi Arabia. <i>Biotechnology and Biotechnological Equipment</i> , 2017 , 31, 387-396	1.6	30
94	In vitro and In vivo biofilm formation by Azotobacter isolates and its relevance to rhizosphere colonization. <i>Rhizosphere</i> , 2017 , 3, 138-142	3.5	9
93	Inhibitory effect of vitamin B against glycation and reactive oxygen species production in HSA: An in vitro approach. <i>Archives of Biochemistry and Biophysics</i> , 2017 , 627, 21-29	4.1	21
92	Rhizobacterial Biofilms: Diversity and Role in Plant Health 2017 , 145-162		
91	Horizontal Gene Transfer in Soil and the Rhizosphere: Impact on Ecological Fitness of Bacteria 2017 , 111-130		5
90	Quorum Sensing in Plant Growth-Promoting Rhizobacteria and Its Impact on Plant-Microbe Interaction 2017 , 311-331		6
89	Bacterial Volatiles: Potential Applications in Plant Growth and Health 2017 , 199-217		
88	Prevalence of antibiotic resistance and virulence factors encoding genes in clinical Staphylococcus aureus isolates in Saudi Arabia. <i>Clinical Epidemiology and Global Health</i> , 2017 , 5, 196-202	1.8	13
87	Synthesis and antimicrobial evaluation of fatty chain substituted 2,5-dimethyl pyrrole and 1,3-benzoxazin-4-one derivatives. <i>Journal of Saudi Chemical Society</i> , 2017 , 21, S394-S402	4.3	16
86	Leaf Extracts of L. Inhibit Quorum Sensing - Regulated Production of Virulence Factors and Biofilm in Test Bacteria. <i>Frontiers in Microbiology</i> , 2017 , 8, 727	5.7	77
85	Campylobacter in the environment: A major threat to public health. <i>Asian Pacific Journal of Tropical Disease</i> , 2017 , 7, 374-384		5
84	A comparative analyses of bioactive Cu(II) complexes using Hirshfeld surface and density functional theory (DFT) methods: DNA binding studies, cleavage and antibiofilm activities. <i>Inorganica Chimica Acta</i> , 2016 , 453, 193-201	2.7	18
83	Understanding the mechanism of non-enzymatic glycation inhibition by cinnamic acid: an in vitro interaction and molecular modelling study. <i>RSC Advances</i> , 2016 , 6, 65322-65337	3.7	54
82	Multidrug resistance and transferability of blaCTX-M among extended-spectrum β -lactamase-producing enteric bacteria in biofilm. <i>Journal of Global Antimicrobial Resistance</i> , 2016 , 6, 142-149	3.4	23
81	Sol-gel synthesis of thorn-like ZnO nanoparticles endorsing mechanical stirring effect and their antimicrobial activities: Potential role as nano-antibiotics. <i>Scientific Reports</i> , 2016 , 6, 27689	4.9	190
80	Broad-spectrum inhibition of AHL-regulated virulence factors and biofilms by sub-inhibitory concentrations of ceftazidime. <i>RSC Advances</i> , 2016 , 6, 27952-27962	3.7	26
79	Emergence of ciprofloxacin-resistant extended-spectrum β -lactamase-producing enteric bacteria in hospital wastewater and clinical sources. <i>Journal of Global Antimicrobial Resistance</i> , 2016 , 5, 22-5	3.4	26
78	Characterization of Paenibacillus durus (pnf16) a new isolate and its synergistic interaction with other isolated rhizobacteria in promoting growth and yield of chickpea. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2016 , 05, 345-350	2.3	11

77	Diversity, Quorum Sensing, and Plant Growth Promotion by Endophytic Diazotrophs Associated with Sugarcane with Special Reference to <i>Gluconacetobacter diazotrophicus</i> 2016 , 495-509		
76	Biogenic synthesis of Zinc oxide nanostructures from <i>Nigella sativa</i> seed: Prospective role as food packaging material inhibiting broad-spectrum quorum sensing and biofilm. <i>Scientific Reports</i> , 2016 , 6, 36761	4.9	90
75	Broad Spectrum Antioxidant Properties of 20 Indian Medicinal Plants. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2016 , 22, 118-129	0.9	1
74	Interactive Effects of Growth Regulators, Carbon Sources, pH on Plant Regeneration and Assessment of Genetic Fidelity Using Single Primer Amplification Reaction (SPARS) Techniques in <i>Withania somnifera</i> L. <i>Applied Biochemistry and Biotechnology</i> , 2015 , 177, 118-36	3.2	15
73	Effect of PGRs in adventitious root culture in vitro: present scenario and future prospects. <i>Rendiconti Lincei</i> , 2015 , 26, 307-321	1.7	11
72	Sub-MICs of <i>Mentha piperita</i> essential oil and menthol inhibits AHL mediated quorum sensing and biofilm of Gram-negative bacteria. <i>Frontiers in Microbiology</i> , 2015 , 6, 420	5.7	95
71	<i>Trigonella foenum-graceum</i> (Seed) Extract Interferes with Quorum Sensing Regulated Traits and Biofilm Formation in the Strains of <i>Pseudomonas aeruginosa</i> and <i>Aeromonas hydrophila</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2015 , 2015, 879540	2.3	39
70	Marine Organisms as Source of Quorum Sensing Inhibitors 2015 , 259-268		
69	Enantiomeric in vitro DNA binding, pBR322 DNA cleavage and molecular docking studies of chiral L- and D-ternary copper(II) complexes of histidine and picolinic acid. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014 , 130, 170-8	6.7	31
68	Heterobimetallic o-vanillin functionalized complexes: In vitro DNA binding validation, cleavage activity and molecular docking studies of CuIIIn2IV analogs. <i>Journal of Organometallic Chemistry</i> , 2014 , 752, 17-24	2.3	10
67	Brassinosteroids and their role in response of plants to abiotic stresses. <i>Biologia Plantarum</i> , 2014 , 58, 9-17	2.1	160
66	Synthesis, biological screening of novel long chain derivatives of 1,3-disubstituted-1H-pyrazol-5(4H)-one and 2-substituted-3H-1,4-phthalazin-1,4-dione: Structure-activity relationship studies. <i>Journal of King Saud University - Science</i> , 2014 , 26, 290-299	3.6	8
65	Quality Assessment of Herbal Drugs and Medicinal Plant Products 2014 , 1-17		6
64	Punicalagin and ellagic acid demonstrate antimutagenic activity and inhibition of benzo[a]pyrene induced DNA adducts. <i>BioMed Research International</i> , 2014 , 2014, 467465	3	60
63	<i>Carum copticum</i> and <i>Thymus vulgaris</i> oils inhibit virulence in <i>Trichophyton rubrum</i> and <i>Aspergillus</i> spp. <i>Brazilian Journal of Microbiology</i> , 2014 , 45, 523-31	2.2	15
62	Sub-MICs of <i>Carum copticum</i> and <i>Thymus vulgaris</i> influence virulence factors and biofilm formation in <i>Candida</i> spp. <i>BMC Complementary and Alternative Medicine</i> , 2014 , 14, 337	4.7	21
61	Current and Emergent Control Strategies for Medical Biofilms. <i>Springer Series on Biofilms</i> , 2014 , 117-159		7
60	Brassinosteroid-mediated evaluation of antioxidant system and nitrogen metabolism in two contrasting cultivars of <i>Vigna radiata</i> under different levels of nickel. <i>Physiology and Molecular Biology of Plants</i> , 2014 , 20, 449-60	2.8	34

59	Flower-shaped ZnO nanoparticles synthesized by a novel approach at near-room temperatures with antibacterial and antifungal properties. <i>International Journal of Nanomedicine</i> , 2014 , 9, 853-64	7.3	70
58	Medicinal Plants and Phytocompounds: A Potential Source of Novel Antibiofilm Agents. <i>Springer Series on Biofilms</i> , 2014 , 205-232		10
57	Drug Delivery Systems That Eradicate and/or Prevent Biofilm Formation. <i>Springer Series on Biofilms</i> , 2014 , 407-424		2
56	An improved in vitro encapsulation protocol, biochemical analysis and genetic integrity using DNA based molecular markers in regenerated plants of <i>Withania somnifera</i> L. <i>Industrial Crops and Products</i> , 2013 , 50, 468-477	5.9	24
55	Phenyl aldehyde and propanoids exert multiple sites of action towards cell membrane and cell wall targeting ergosterol in <i>Candida albicans</i> . <i>AMB Express</i> , 2013 , 3, 54	4.1	49
54	Influence of clove oil on certain quorum-sensing-regulated functions and biofilm of <i>Pseudomonas aeruginosa</i> and <i>Aeromonas hydrophila</i> . <i>Journal of Biosciences</i> , 2013 , 38, 835-44	2.3	84
53	Doxycycline interferes with quorum sensing-mediated virulence factors and biofilm formation in gram-negative bacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2013 , 29, 949-57	4.4	41
52	Antioxidant capacity and antimutagenic potential of <i>Murraya koenigii</i> . <i>BioMed Research International</i> , 2013 , 2013, 263509	3	25
51	In vitro Inhibition of Growth and Virulence Factors Production in Azole-Resistant Strains of Non- <i>albicans</i> <i>Candida</i> by <i>Cinnamomum verum</i> , <i>Cymbopogon citratus</i> , <i>Cymbopogon martini</i> and <i>Syzygium aromaticum</i> Essential Oils. <i>Journal of Biologically Active Products From Nature</i> , 2013 , 3, 139-153	0.7	3
50	Incidence and transferability of antibiotic resistance in the enteric bacteria isolated from hospital wastewater. <i>Brazilian Journal of Microbiology</i> , 2013 , 44, 799-806	2.2	19
49	In vitro detection of pathogenic <i>Listeria monocytogenes</i> from food sources by conventional, molecular and cell culture method. <i>Brazilian Journal of Microbiology</i> , 2013 , 44, 751-8	2.2	22
48	Anti-candidal activity of essential oils alone and in combination with amphotericin B or fluconazole against multi-drug resistant isolates of <i>Candida albicans</i> . <i>Medical Mycology</i> , 2012 , 50, 33-42	3.9	68
47	Synthesis of heterobimetallic complexes: in vitro DNA binding, cleavage and antimicrobial studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012 , 114, 108-18	6.7	44
46	Biofilm inhibition by <i>Cymbopogon citratus</i> and <i>Syzygium aromaticum</i> essential oils in the strains of <i>Candida albicans</i> . <i>Journal of Ethnopharmacology</i> , 2012 , 140, 416-23	5	64
45	Syntheses, Physico-Chemical Studies and Antioxidant Activities of Transition Metal Complexes with a Perimidine Ligand. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 881-886	1.3	12
44	Antibiofilm activity of certain phytocompounds and their synergy with fluconazole against <i>Candida albicans</i> biofilms. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 618-21	5.1	103
43	Bacterial Quorum Sensing and Its Interference: Methods and Significance 2011 , 127-161		2
42	In vitro antifungal, anti-elastase and anti-keratinase activity of essential oils of <i>Cinnamomum</i> -, <i>Syzygium</i> - and <i>Cymbopogon</i> -species against <i>Aspergillus fumigatus</i> and <i>Trichophyton rubrum</i> . <i>Phytomedicine</i> , 2011 , 19, 48-55	6.5	78

41	Microwave-assisted solvent-free synthesis of biologically active novel heterocycles from 3-formylchromones. <i>Medicinal Chemistry Research</i> , 2011 , 20, 1473-1481	2.2	18
40	Antifungal activity of essential oils and their synergy with fluconazole against drug-resistant strains of <i>Aspergillus fumigatus</i> and <i>Trichophyton rubrum</i> . <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 1083-94	5.7	75
39	Antimicrobial, antioxidant, and antimutagenic activities of selected marine natural products and tobacco cembranoids. <i>Drug and Chemical Toxicology</i> , 2011 , 34, 167-79	2.3	29
38	Metal Tolerance and Biosorption Potential of Soil Fungi: Applications for a Green and Clean Water Treatment Technology 2011 , 321-361		5
37	Rhizosphere and Root Colonization by Bacterial Inoculants and Their Monitoring Methods: A Critical Area in PGPR Research 2011 , 363-391		22
36	Molecular Strategies: Detection of Foodborne Bacterial Pathogens 2011 , 189-206		
35	Microbial Applications in Agriculture and the Environment: A Broad Perspective 2011 , 1-27		9
34	Laboratory Diagnosis of Fungal Infections: An Overview 2010 , 173-211		
33	Novel Drug Delivery Systems for Antifungal Compounds 2010 , 485-528		3
32	Fungi Associated with Eye Infections with Special Reference to Corneal Keratitis and Their Possible Reservoir 2010 , 71-97		
31	Antifungal Activity of Medicinal Plant Extracts and Phytochemicals: A Review 2010 , 449-484		7
30	Broad spectrum antimutagenic activity of antioxidant active fraction of punica granatum L. peel extracts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010 , 703, 99-107	3	104
29	Antioxidant and antimutagenic activity of <i>Carum copticum</i> fruit extracts. <i>Toxicology in Vitro</i> , 2010 , 24, 1243-9	3.6	57
28	Modulation of quorum sensing controlled behaviour of bacteria by growing seedling, seed and seedling extracts of leguminous plants. <i>Indian Journal of Microbiology</i> , 2010 , 50, 238-42	3.7	22
27	Combinational Antifungal Therapy and Recent Trends in Drug Discovery 2010 , 213-240		2
26	Innate Immunity in Pathogenesis and Treatment of Dermatomycosis 2010 , 347-371		1
25	Cytokine Therapy: Possible Tools in Management of Fungal Infection 2010 , 373-396		1
24	Immunomodulators: Potential in Treatment of Systemic Fungal Infections 2010 , 397-421		1

23	Virulence and Pathogenicity of Fungal Pathogens with Special Reference to <i>Candida albicans</i> 2010 , 21-45	24
22	Inhibition of quorum sensing regulated bacterial functions by plant essential oils with special reference to clove oil. <i>Letters in Applied Microbiology</i> , 2009 , 49, 354-60	2.9 185
21	Screening of free-living rhizospheric bacteria for their multiple plant growth promoting activities. <i>Microbiological Research</i> , 2008 , 163, 173-81	5.3 864
20	Bioactive compounds from <i>Punica granatum</i> , <i>Curcuma longa</i> and <i>Zingiber officinale</i> and their therapeutic potential. <i>Drugs of the Future</i> , 2008 , 33, 329	2.3 7
19	Metal tolerance and biosorption potential of filamentous fungi isolated from metal contaminated agricultural soil. <i>Bioresource Technology</i> , 2007 , 98, 2557-61	11 298
18	In vitro efficacy of bioactive extracts of 15 medicinal plants against ESbetaL-producing multidrug-resistant enteric bacteria. <i>Microbiological Research</i> , 2007 , 162, 264-75	5.3 133
17	Evaluation of anti-methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) activity and synergy of some bioactive plant extracts. <i>Biotechnology Journal</i> , 2006 , 1, 1093-102	5.6 45
16	Plant growth promoting potential of free-living diazotrophs and other rhizobacteria isolated from Northern Indian soil. <i>Biotechnology Journal</i> , 2006 , 1, 1112-23	5.6 26
15	Evaluation of fluorescent <i>Pseudomonads</i> and <i>Bacillus</i> isolates for the biocontrol of a wilt disease complex of pigeonpea. <i>World Journal of Microbiology and Biotechnology</i> , 2005 , 21, 729-732	4.4 33
14	Isolation and characterization of resistance traits of indigenous strains of <i>Acetobacter diazotrophicus</i> associated with sugarcane. <i>Sugar Tech</i> , 2004 , 6, 41-46	1.9 7
13	Broad-spectrum antibacterial and antifungal properties of certain traditionally used Indian medicinal plants. <i>World Journal of Microbiology and Biotechnology</i> , 2003 , 19, 653-657	4.4 54
12	Effect of long-term application of oil refinery wastewater on soil health with special reference to microbiological characteristics. <i>Bioresource Technology</i> , 2002 , 84, 159-63	11 29
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