

# Iqbal Ahmad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1651823/publications.pdf>

Version: 2024-02-01

200  
papers

10,165  
citations

50276

46  
h-index

43889

91  
g-index

232  
all docs

232  
docs citations

232  
times ranked

10755  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In silico</i> screening and <i>in vitro</i> validation of phytochemicals as multidrug efflux pump inhibitor against <i>E. coli</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 2189-2201.	3.5	13
2	NiO nanoparticles for enhanced removal of methyl orange: equilibrium, kinetics, thermodynamic and desorption studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2022, 102, 84-103.	3.3	42
3	Biosynthesized Zinc Oxide Nanoparticles Disrupt Established Biofilms of Pathogenic Bacteria. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 710.	2.5	23
4	Synthesis of Cu-doped ZnO for bulk heterojunction hybrid solar cells. <i>Chemical Papers</i> , 2022, 76, 4743-4748.	2.2	1
5	Combating biofilm of ESKAPE pathogens from ancient plant-based therapy to modern nanotechnological combinations. , 2022, , 59-94.		1
6	Application of natural products against fungal biofilm formation. , 2022, , 95-130.		0
7	Glyburide inhibits non-enzymatic glycation of HSA: An approach for the management of AGEs associated diabetic complications. <i>International Journal of Biological Macromolecules</i> , 2021, 169, 143-152.	7.5	34
8	Naringin inhibits the biofilms of metallo- $\beta$ -lactamases ( $\beta$ -Lactams) producing <i>Pseudomonas</i> species isolated from camel meat. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 333-341.	3.8	11
9	<i>Pseudomonas azotoformans</i> FAP5, a novel biofilm-forming PGPR strain, alleviates drought stress in wheat plant. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 3855-3870.	3.5	60
10	Biofabricated silver nanoparticles exhibit broad-spectrum antibiofilm and anti-quorum sensing activity against Gram-negative bacteria. <i>RSC Advances</i> , 2021, 11, 13700-13710.	3.6	24
11	Silver decorated 2D nanosheets of GO and MoS <sub>2</sub> serve as nanocatalyst for water treatment and antimicrobial applications as ascertained with molecular docking evaluation. <i>Nanotechnology</i> , 2021, 32, 255704.	2.6	30
12	First Report of Multi-drug Resistant <i>Staphylococcus haemolyticus</i> in Nosocomial Infections in North Western Saudi Arabia. <i>Journal of Pure and Applied Microbiology</i> , 2021, 15, 725-734.	0.9	2
13	Biofabrication of Gold Nanoparticles Using <i>Capsicum annum</i> Extract and Its Anti-quorum Sensing and Antibiofilm Activity against Bacterial Pathogens. <i>ACS Omega</i> , 2021, 6, 16670-16682.	3.5	28
14	Cumin Prevents $17\beta$ -Estradiol-Associated Breast Cancer in ACI Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6194.	4.1	0
15	Multifarious functional traits of free-living rhizospheric fungi, with special reference to <i>Aspergillus</i> spp. isolated from North Indian soil, and their inoculation effect on plant growth. <i>Annals of Microbiology</i> , 2021, 71, .	2.6	13
16	Coumarin Exhibits Broad-Spectrum Antibiofilm and Anti-quorum Sensing Activity against Gram-Negative Bacteria: <i>In Vitro</i> and <i>In Silico</i> Investigation. <i>ACS Omega</i> , 2021, 6, 18823-18835.	3.5	26
17	Interference of quorum sensing regulated bacterial virulence factors and biofilms by <i>Plumbago zeylanica</i> extract. <i>Microscopy Research and Technique</i> , 2021, 84, 3150-3160.	2.2	9
18	Plumbagin inhibits quorum sensing-regulated virulence and biofilms of Gram-negative bacteria: <i>in vitro</i> and <i>in silico</i> investigations. <i>Biofouling</i> , 2021, 37, 724-739.	2.2	18

#	ARTICLE	IF	CITATIONS
19	Dye degradation, antibacterial and in-silico analysis of Mg/cellulose-doped ZnO nanoparticles. International Journal of Biological Macromolecules, 2021, 185, 153-164.	7.5	30
20	Antioxidant, antibacterial, and antimutagenic activity of Piper nigrum seeds extracts. Saudi Journal of Biological Sciences, 2021, 28, 5094-5105.	3.8	18
21	Myrtus communis and its bioactive phytoconstituent, linalool, interferes with Quorum sensing regulated virulence functions and biofilm of uropathogenic bacteria: In vitro and in silico insights. Journal of King Saud University - Science, 2021, 33, 101588.	3.5	12
22	Environmental antimicrobial resistance and its drivers: a potential threat to public health. Journal of Global Antimicrobial Resistance, 2021, 27, 101-111.	2.2	150
23	Bio-fabrication of titanium oxide nanoparticles from Ochradenus arabicus to obliterate biofilms of drug-resistant Staphylococcus aureus and Pseudomonas aeruginosa isolated from diabetic foot infections. Applied Nanoscience (Switzerland), 2021, 11, 375-387.	3.1	14
24	Understanding Agriculturally Indispensable Bacterial Biofilms in Sustainable Agriculture. Microorganisms for Sustainability, 2021, , 63-79.	0.7	0
25	Grafting and co-grafting of dyes on Cd-doped ZnS nanocrystals and their application on dye-sensitized solar cells. Bulletin of Materials Science, 2021, 44, 1.	1.7	40
26	Synthesis, characterization, and anticancer activity of Schiff bases. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3246-3259.	3.5	68
27	Thymus vulgaris essential oil and thymol inhibit biofilms and interact synergistically with antifungal drugs against drug resistant strains of Candida albicans and Candida tropicalis. Journal De Mycologie Medicale, 2020, 30, 100911.	1.5	79
28	Deciphering the interaction of plumbagin with human serum albumin: A combined biophysical and molecular docking study. Journal of King Saud University - Science, 2020, 32, 2854-2862.	3.5	6
29	Combinational Effect of Essential Oil Compounds and Antimicrobial Drugs on Candida albicans and Staphylococcus aureus Mixed Biofilms. Journal of Essential Oil-bearing Plants: JEOP, 2020, 23, 697-709.	1.9	2
30	Recent Understanding of Soil Acidobacteria and Their Ecological Significance: A Critical Review. Frontiers in Microbiology, 2020, 11, 580024.	3.5	314
31	Anti-quorum Sensing and Anti-biofilm Activity of Zinc Oxide Nanospikes. ACS Omega, 2020, 5, 32203-32215.	3.5	32
32	Synthesis, DFT, electrochemical, biological and DNA-interaction studies of a novel copper(II) complex of salicylic acid and N-tosyl substituted benzimidazole. Journal of Coordination Chemistry, 2020, 73, 52-66.	2.2	5
33	Green synthesis of silver nanoparticles using Carum copticum: Assessment of its quorum sensing and biofilm inhibitory potential against gram negative bacterial pathogens. Microbial Pathogenesis, 2020, 144, 104172.	2.9	60
34	Diversity of Antimutagenic Phytocompounds from Indian Medicinal Plants. , 2020, , 401-412.		8
35	Synergistic interaction of eugenol and antimicrobial drugs in eradication of single and mixed biofilms of Candida albicans and Streptococcus mutans. AMB Express, 2020, 10, 185.	3.0	30
36	Heavy Metal Tolerance Among Free-living Fungi Isolated from Soil Receiving Long Term Application of Wastewater. Journal of Pure and Applied Microbiology, 2020, 14, 157-170.	0.9	10

#	ARTICLE	IF	CITATIONS
37	Immune System Evasion Mechanisms in <i>Staphylococcus aureus</i> : Current Understanding. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 2219-2234.	0.9	5
38	Antibacterial Effect of Silver Nanoparticles Synthesized Using <i>Murraya koenigii</i> (L.) against Multidrug-Resistant Pathogens. <i>Bioinorganic Chemistry and Applications</i> , 2019, 2019, 1-11.	4.1	148
39	Mechanism of non-enzymatic antiglycation action by coumarin: a biophysical study. <i>New Journal of Chemistry</i> , 2019, 43, 12823-12835.	2.8	26
40	Isolation, functional characterization and efficacy of biofilm-forming rhizobacteria under abiotic stress conditions. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1827-1839.	1.7	21
41	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.	4.3	129
42	Eco-friendly green synthesis of dextrin based poly (methyl methacrylate) grafted silver nanocomposites and their antibacterial and antibiofilm efficacy against multi-drug resistance pathogens. <i>Journal of Cleaner Production</i> , 2019, 230, 1148-1155.	9.3	57
43	NiO/NiS Heterostructures: An Efficient and Stable Electrocatalyst for Oxygen Evolution Reaction. <i>ACS Applied Energy Materials</i> , 2019, 2, 3587-3594.	5.1	71
44	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.	3.3	84
45	Functional Diversity of Plant Growth-Promoting Rhizobacteria: Recent Progress and Future Prospects. , 2019, , 229-253.		5
46	Bioactive extracts of <i>Carum copticum</i> and thymol inhibit biofilm development by multidrug-resistant extended spectrum $\beta$ -lactamase producing enteric bacteria. <i>Biofouling</i> , 2019, 35, 1026-1039.	2.2	16
47	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.	2.9	53
48	Mesoporous Ce <sub>2</sub> Zr <sub>2</sub> O <sub>7</sub> /PbS Nanocomposite with an Excellent Supercapacitor Electrode Performance and Cyclic Stability. <i>ChemistrySelect</i> , 2019, 4, 655-661.	1.5	17
49	Indian Berries and Their Active Compounds. , 2019, , 179-201.		4
50	Prospects of Essential Oils in Controlling Pathogenic Biofilm. , 2019, , 203-236.		17
51	Current Strategy to Target Bacterial Quorum Sensing and Virulence by Phytochemicals. , 2019, , 301-329.		3
52	Understanding Biochemical and Molecular Mechanism of Complications of Glycation and Its Management by Herbal Medicine. , 2019, , 331-366.		4
53	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.	5.3	47
54	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.	3.5	47

#	ARTICLE	IF	CITATIONS
55	Interference of phosphane copper (I) complexes of $\hat{I}^2$ -carboline with quorum sensing regulated virulence functions and biofilm in foodborne pathogenic bacteria: A first report. Saudi Journal of Biological Sciences, 2019, 26, 308-316.	3.8	14
56	Bioactive extracts of <i>Carum copticum</i> L. enhances efficacy of ciprofloxacin against MDR enteric bacteria. Saudi Journal of Biological Sciences, 2019, 26, 1848-1855.	3.8	16
57	Antibacterial Drug Discovery: Perspective Insights. , 2019, , 1-21.		4
58	Nanoparticles as New Emerging Antibacterials: Potentials and Limitations. , 2019, , 561-579.		4
59	Nanomaterials as a Novel Class of Anti-infective Agents that Attenuate Bacterial Quorum Sensing. , 2019, , 581-604.		2
60	Potential of Nanoparticles in Combating Candida Infections. Letters in Drug Design and Discovery, 2019, 16, 478-491.	0.7	13
61	Recent Progress in Metal-Microbe Interactions: Prospects in Bioremediation. Journal of Pure and Applied Microbiology, 2019, 13, 13-26.	0.9	18
62	Diversity, Virulence Factors, and Antifungal Susceptibility Patterns of Pathogenic and Opportunistic Yeast Species in Rock Pigeon ( <i>Columba livia</i> ) Fecal Droppings in Western Saudi Arabia. Polish Journal of Microbiology, 2019, 68, 493-504.	1.7	7
63	Actinomycetes as Continued Source of New Antibacterial Leads. , 2019, , 327-349.		1
64	Emergence and Spread of Multidrug Resistance in Ocular Bacterial Pathogens: A Current Update. , 2019, , 71-93.		0
65	Green Synthesis of Metal Nanoparticles: Characterization and their Antibacterial Efficacy. , 2019, , 635-680.		0
66	Antibiotic Resistance in <i>Campylobacter jejuni</i> : Mechanism, Status, and Public Health Significance. , 2019, , 95-114.		1
67	In vitro Biofilm Development and Enhanced Rhizosphere Colonization of <i>Triticum aestivum</i> by Fluorescent <i>Pseudomonas</i> sp.. Journal of Pure and Applied Microbiology, 2019, 13, 1441-1449.	0.9	4
68	Genotoxicity inhibition by <i>Syzygium cumini</i> (L.) seed fraction and rutin: understanding the underlying mechanism of DNA protection. Toxicology Research, 2018, 7, 156-171.	2.1	17
69	Prevalence and Antibiotic Resistance Profiles of <i>Campylobacter jejuni</i> Isolated from Poultry Meat and Related Samples at Retail Shops in Northern India. Foodborne Pathogens and Disease, 2018, 15, 218-225.	1.8	39
70	Antioxidant properties and anti-mutagenic potential of Piper Cubeba fruit extract and molecular docking of certain bioactive compounds. Drug and Chemical Toxicology, 2018, 41, 358-367.	2.3	9
71	Multi-spectroscopic and molecular modelling approach to investigate the interaction of riboflavin with human serum albumin. Journal of Biomolecular Structure and Dynamics, 2018, 36, 795-809.	3.5	74
72	In vitro interaction of cefotaxime with calf thymus DNA: Insights from spectroscopic, calorimetric and molecular modelling studies. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 193-205.	2.8	41

#	ARTICLE	IF	CITATIONS
73	Seed Extract of <i>Psoralea corylifolia</i> 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.	3.9	27
74	Low Temperature Synthesis of Superparamagnetic Iron Oxide (Fe <sub>3</sub> O <sub>4</sub> ) Nanoparticles and Their ROS Mediated Inhibition of Biofilm Formed by Food-Associated Bacteria. <i>Frontiers in Microbiology</i> , 2018, 9, 2567.	3.5	47
75	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.	2.7	16
76	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	4
77	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.	7.5	19
78	Nanoparticles as Quorum Sensing Inhibitor: Prospects and Limitations. , 2018, , 227-244.		9
79	Quorum Sensing Interference by Natural Products from Medicinal Plants: Significance in Combating Bacterial Infection. , 2018, , 417-445.		5
80	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.	2.7	38
81	Diversity and Applications of <i>Penicillium</i> spp. in Plant-Growth Promotion. , 2018, , 261-276.		10
82	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.	3.8	34
83	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, , .	3.8	19
84	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	53
85	Antioxidant and antimutagenic potential of <i>Psidium guajava</i> leaf extracts. <i>Drug and Chemical Toxicology</i> , 2017, 40, 146-153.	2.3	32
86	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.	7.5	107
87	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.	5.5	100
88	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.	1.3	43
89	In vitro and In vivo biofilm formation by <i>Azotobacter</i> isolates and its relevance to rhizosphere colonization. <i>Rhizosphere</i> , 2017, 3, 138-142.	3.0	17
90	Inhibitory effect of vitamin B <sub>3</sub> against glycation and reactive oxygen species production in HSA: An in vitro approach. <i>Archives of Biochemistry and Biophysics</i> , 2017, 627, 21-29.	3.0	28

#	ARTICLE	IF	CITATIONS
91	Rhizobacterial Biofilms: Diversity and Role in Plant Health. , 2017, , 145-162.		0
92	Synthesis and bioelectrochemical behavior of aromatic amines. Bioorganic Chemistry, 2017, 75, 224-234.	4.1	7
93	Horizontal Gene Transfer in Soil and the Rhizosphere: Impact on Ecological Fitness of Bacteria. , 2017, , 111-130.		7
94	Quorum Sensing in Plant Growth-Promoting Rhizobacteria and Its Impact on Plant-Microbe Interaction. , 2017, , 311-331.		9
95	Prevalence of antibiotic resistance and virulence factors encoding genes in clinical Staphylococcus aureus isolates in Saudi Arabia. Clinical Epidemiology and Global Health, 2017, 5, 196-202.	1.9	17
96	Synthesis and antimicrobial evaluation of fatty chain substituted 2,5-dimethyl pyrrole and 1,3-benzoxazin-4-one derivatives. Journal of Saudi Chemical Society, 2017, 21, S394-S402.	5.2	23
97	Leaf Extracts of Mangifera indica L. Inhibit Quorum Sensing “ Regulated Production of Virulence Factors and Biofilm in Test Bacteria. Frontiers in Microbiology, 2017, 8, 727.	3.5	110
98	Campylobacter in the environment: A major threat to public health. Asian Pacific Journal of Tropical Disease, 2017, 7, 374-384.	0.5	7
99	Diversity, Quorum Sensing, and Plant Growth Promotion by Endophytic Diazotrophs Associated with Sugarcane with Special Reference to Gluconacetobacter diazotrophicus. , 2016, , 495-509.		1
100	Biogenic synthesis of Zinc oxide nanostructures from Nigella sativa seed: Prospective role as food packaging material inhibiting broad-spectrum quorum sensing and biofilm. Scientific Reports, 2016, 6, 36761.	3.3	128
101	Broad Spectrum Antioxidant Properties of 20 Indian Medicinal Plants. Journal of Herbs, Spices and Medicinal Plants, 2016, 22, 118-129.	1.1	3
102	A comparative analyses of bioactive Cu(II) complexes using Hirshfeld surface and density functional theory (DFT) methods: DNA binding studies, cleavage and antibiofilm activities. Inorganica Chimica Acta, 2016, 453, 193-201.	2.4	20
103	Understanding the mechanism of non-enzymatic glycation inhibition by cinnamic acid: an in vitro interaction and molecular modelling study. RSC Advances, 2016, 6, 65322-65337.	3.6	70
104	Multidrug resistance and transferability of bla CTX-M among extended-spectrum $\beta$ -lactamase-producing enteric bacteria in biofilm. Journal of Global Antimicrobial Resistance, 2016, 6, 142-149.	2.2	32
105	Sol-gel synthesis of thorn-like ZnO nanoparticles endorsing mechanical stirring effect and their antimicrobial activities: Potential role as nano-antibiotics. Scientific Reports, 2016, 6, 27689.	3.3	256
106	Broad-spectrum inhibition of AHL-regulated virulence factors and biofilms by sub-inhibitory concentrations of ceftazidime. RSC Advances, 2016, 6, 27952-27962.	3.6	30
107	Emergence of ciprofloxacin-resistant extended-spectrum $\beta$ -lactamase-producing enteric bacteria in hospital wastewater and clinical sources. Journal of Global Antimicrobial Resistance, 2016, 5, 22-25.	2.2	35
108	CHARACTERIZATION OF PAENIBACILLUS DURUS (PNF16) A NEW ISOLATE AND ITS SYNERGISTIC INTERACTION WITH OTHER ISOLATED RHIZOBACTERIA IN PROMOTING GROWTH AND YIELD OF CHICKPEA. Journal of Microbiology, Biotechnology and Food Sciences, 2016, 5, 345-350.	0.8	12

#	ARTICLE	IF	CITATIONS
109	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.	3.5	127
110	<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, 1-10.	1.2	54
111	Marine Organisms as Source of Quorum Sensing Inhibitors. , 2015, , 259-268.		2
112	Effect of PGRs in adventitious root culture in vitro: present scenario and future prospects. <i>Rendiconti Lincei</i> , 2015, 26, 307-321.	2.2	12
113	Punicalagin and Ellagic Acid Demonstrate Antimutagenic Activity and Inhibition of Benzo[a]pyrene Induced DNA Adducts. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	83
114	<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, 523-531.	2.0	21
115	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.	3.7	30
116	Current and Emergent Control Strategies for Medical Biofilms. <i>Springer Series on Biofilms</i> , 2014, , 117-159.	0.1	8
117	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, 449-460.	3.1	40
118	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, 170-178.	3.8	40
119	Brassinosteroids and their role in response of plants to abiotic stresses. <i>Biologia Plantarum</i> , 2014, 58, 9-17.	1.9	193
120	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.	3.5	9
121	Medicinal Plants and Phytocompounds: A Potential Source of Novel Antibiofilm Agents. <i>Springer Series on Biofilms</i> , 2014, , 205-232.	0.1	13
122	Drug Delivery Systems That Eradicate and/or Prevent Biofilm Formation. <i>Springer Series on Biofilms</i> , 2014, , 407-424.	0.1	3
123	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.	6.7	94
124	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.	5.2	30
125	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.	3.0	68
126	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, 835-844.	1.1	108



#	ARTICLE	IF	CITATIONS
127	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, 949-957.	3.6	55
128	Antioxidant Capacity and Antimutagenic Potential of <i>Murraya koenigii</i> . <i>BioMed Research International</i> , 2013, 2013, 1-10.	1.9	30
129	<i>In vitro</i> Inhibition of Growth and Virulence Factors Production in Azole-Resistant Strains of Non-albicans <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.	0.3	3
130	Incidence and transferability of antibiotic resistance in the enteric bacteria isolated from hospital wastewater. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 799-806.	2.0	22
131	<i>In vitro</i> 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, 751-758.	2.0	30
132	Quorum sensing inhibitors from natural products as potential novel anti-infective agents. <i>Drugs of the Future</i> , 2013, 38, 691.	0.1	10
133	Antibiofilm activity of certain phytochemicals and their synergy with fluconazole against <i>Candida albicans</i> biofilms. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 618-621.	3.0	136
134	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.	0.7	96
135	Synthesis of heterobimetallic complexes: <i>In vitro</i> DNA binding, cleavage and antimicrobial studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 114, 108-118.	3.8	56
136	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, 416-423.	4.1	84
137	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.	1.2	16
138	Antimicrobial, antioxidant, and antimutagenic activities of selected marine natural products and tobacco cembranoids. <i>Drug and Chemical Toxicology</i> , 2011, 34, 167-179.	2.3	39
139	Bacterial Quorum Sensing and Its Interference: Methods and Significance. , 2011, , 127-161.		2
140	<i>In vitro</i> 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.	5.3	95
141	Microwave-assisted solvent-free synthesis of biologically active novel heterocycles from 3-formylchromones. <i>Medicinal Chemistry Research</i> , 2011, 20, 1473-1481.	2.4	19
142	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, 1083-1094.	3.6	102
143	Metal Tolerance and Biosorption Potential of Soil Fungi: Applications for a Green and Clean Water Treatment Technology. , 2011, , 321-361.		5
144	Rhizosphere and Root Colonization by Bacterial Inoculants and Their Monitoring Methods: A Critical Area in PGPR Research. , 2011, , 363-391.		25

#	ARTICLE	IF	CITATIONS
145	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, 238-242.	2.7	25
146	Novel Drug Delivery Systems for Antifungal Compounds. , 2010, , 485-528.		4
147	Antifungal Activity of Medicinal Plant Extracts and Phytocompounds: A Review. , 2010, , 449-484.		15
148	Broad spectrum antimutagenic activity of antioxidant active fraction of <i>Punica granatum</i> L. peel extracts. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 703, 99-107.	1.7	138
149	Antioxidant and antimutagenic activity of <i>Carum copticum</i> fruit extracts. <i>Toxicology in Vitro</i> , 2010, 24, 1243-1249.	2.4	70
150	Combinational Antifungal Therapy and Recent Trends in Drug Discovery. , 2010, , 213-240.		3
151	Immunomodulators: Potential in Treatment of Systemic Fungal Infections. , 2010, , 397-421.		1
152	Virulence and Pathogenicity of Fungal Pathogens with Special Reference to <i>Candida albicans</i> . , 2010, , 21-45.		30
153	Screening of certain medicinal plants from India for their anti-quorum sensing activity. <i>Indian Journal of Experimental Biology</i> , 2010, 48, 1219-24.	0.0	40
154	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, 354-360.	2.2	223
155	Screening of free-living rhizospheric bacteria for their multiple plant growth promoting activities. <i>Microbiological Research</i> , 2008, 163, 173-181.	5.3	1,124
156	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, 0329.	0.1	20
157	Antimutagenic activity of methanolic extracts of four ayurvedic medicinal plants. <i>Indian Journal of Experimental Biology</i> , 2008, 46, 668-72.	0.0	28
158	Metal tolerance and biosorption potential of filamentous fungi isolated from metal contaminated agricultural soil. <i>Bioresource Technology</i> , 2007, 98, 2557-2561.	9.6	366
159	In vitro efficacy of bioactive extracts of 15 medicinal plants against ES <sup>2</sup> L-producing multidrug-resistant enteric bacteria. <i>Microbiological Research</i> , 2007, 162, 264-275.	5.3	176
160	Antibacterial properties of traditionally used Indian medicinal plants. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2007, 29, 79.	0.8	74
161	Evaluation of anti-methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) activity and synergy of some bioactive plant extracts. <i>Biotechnology Journal</i> , 2006, 1, 1093-1102.	3.5	60
162	Plant growth promoting potential of free-living diazotrophs and other rhizobacteria isolated from Northern Indian soil. <i>Biotechnology Journal</i> , 2006, 1, 1112-1123.	3.5	34

#	ARTICLE	IF	CITATIONS
163	Biosorption of Ni, Cr and Cd by metal tolerant <i>Aspergillus niger</i> and <i>Penicillium</i> sp. using single and multi-metal solution. <i>Indian Journal of Experimental Biology</i> , 2006, 44, 73-6.	0.0	30
164	Effect of certain bioactive plant extracts on clinical isolates of $\beta$ -lactamase producing methicillin resistant <i>Staphylococcus aureus</i> . <i>Journal of Basic Microbiology</i> , 2005, 45, 106-114.	3.3	132
165	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.	3.6	39
166	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.	1.8	11
167	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2003, 19, 653-657.	3.6	75
168	Arthroconidial formation in <i>Trichophyton raubitschekii</i> . <i>Arthrokonidienbildung bei Trichophyton raubitschekii</i> . <i>Mycoses</i> , 2003, 46, 304-310.	4.0	23
169	In vitro fungitoxicity of the essential oil of <i>Syzygium aromaticum</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2002, 18, 317-319.	3.6	30
170	Antimicrobial and phytochemical studies on 45 Indian medicinal plants against multi-drug resistant human pathogens. <i>Journal of Ethnopharmacology</i> , 2001, 74, 113-123.	4.1	787
171	Photosynthetic Efficiency of Plants of <i>Brassica Juncea</i> , Treated with Chlorosubstituted Auxins. <i>Photosynthetica</i> , 2001, 39, 565-568.	1.7	39
172	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2001, 17, 379-384.	3.6	14
173	Title is missing!. <i>World Journal of Microbiology and Biotechnology</i> , 2000, 16, 841-844.	3.6	31
174	Indian Medicinal Plants: A Potential Source for Anticandidal Drugs. <i>Pharmaceutical Biology</i> , 1999, 37, 237-242.	2.9	79
175	Screening of some Indian medicinal plants for their antimicrobial properties. <i>Journal of Ethnopharmacology</i> , 1998, 62, 183-193.	4.1	595
176	Activity of Plant Extracts and Plant-Derived Compounds against Drug-Resistant Microorganisms. , 0, , 199-231.		7
177	Methods for Testing the Antimicrobial Activity of Extracts. , 0, , 157-171.		12
178	Ethnomedicinal Antivirals: Scope and Opportunity. , 0, , 313-339.		6
179	Traditional Plants and Herbal Remedies Used in the Treatment of Diarrheal Disease: Mode of Action, Quality, Efficacy, and Safety Considerations. , 0, , 247-269.		3
180	Biological and Toxicological Properties of Moroccan Plant Extracts: Advances in Research. , 0, , 123-136.		0

#	ARTICLE	IF	CITATIONS
181	Immunomodulatory Effects of Phytochemicals. , 0, , 341-356.		1
182	Bioactive Phytochemicals and Products Traditionally Used in Japan. , 0, , 79-96.		2
183	Plant Extracts Used to Manage Bacterial, Fungal, and Parasitic Infections in Southern Africa. , 0, , 97-121.		12
184	Bioactive Phytochemicals: New Approaches in the Phytosciences. , 0, , 1-24.		20
185	Anti-MRSA and Anti-VRE Activities of Phytoalexins and Phytoncides Isolated from Tropical Plants. , 0, , 137-155.		1
186	Potential of Plant-Derived Products in the Treatment of Mycobacterial Infections. , 0, , 293-311.		4
187	Quality Control, Screening, Toxicity, and Regulation of Herbal Drugs. , 0, , 25-57.		118
188	Molecular Mechanisms of Antibiotic Resistance: The Need for Novel Antimicrobial Therapies. , 0, , 1-46.		1
189	Honey: Biological Characteristics and Potential Role in Disease Management. , 0, , 255-274.		1
190	Probiotics: Benefits in Human Health and Bacterial Disease Management. , 0, , 275-295.		0
191	Novel Approaches to Combat Drug-Resistant Bacteria. , 0, , 47-70.		2
192	Promising Current Drug Candidates in Clinical Trials and Natural Products Against Multidrug-Resistant Tuberculosis. , 0, , 71-87.		0
193	Non-Antibiotics“ An Alternative for Microbial Resistance: Scope and Hope. , 0, , 89-125.		1
194	Use of Natural Products to Combat Multidrug-Resistant Bacteria. , 0, , 127-135.		1
195	West African Plants and Related Phytochemicals with Anti-Multidrug-Resistance Activity. , 0, , 137-164.		1
196	Essential Oils and New Antimicrobial Strategies. , 0, , 165-203.		4
197	Application of Plant Extracts and Products in Veterinary Infections. , 0, , 205-228.		5
198	Honey: Antimicrobial Actions and Role in Disease Management. , 0, , 229-253.		6

#	ARTICLE	IF	CITATIONS
199	Molecular Mechanisms Underpinning Colonization of a Plant by Plant Growth-Promoting Rhizobacteria. , 0, , 111-128.		1
200	Physicochemical Approaches to Studying Plant Growth Promoting Rhizobacteria. , 0, , 19-40.		1