

Alaa Baazeem

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

548
citations

759233

12
h-index

677142

22
g-index

32
all docs

32
docs citations

32
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate change, food security and mycotoxins: Do we know enough?. <i>Fungal Biology Reviews</i> , 2017, 31, 143-154.	4.7	177
2	Lipoic Acid Combined with Melatonin Mitigates Oxidative Stress and Promotes Root Formation and Growth in Salt-Stressed Canola Seedlings (<i>Brassica napus</i> L.). <i>Molecules</i> , 2021, 26, 3147.	3.8	38
3	In Vitro Antibacterial, Antifungal, Nematocidal and Growth Promoting Activities of <i>Trichoderma hamatum</i> FB10 and Its Secondary Metabolites. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 331.	3.5	34
4	Ornamental Plant Efficiency for Heavy Metals Phytoextraction from Contaminated Soils Amended with Organic Materials. <i>Molecules</i> , 2021, 26, 3360.	3.8	31
5	Chemical and Biological Enhancement Effects of Biochar on Wheat Growth and Yield under Arid Field Conditions. <i>Sustainability</i> , 2021, 13, 5890.	3.2	27
6	Impact of mineral fertilizers on mineral nutrients in the ginger rhizome and on soil enzymes activities and soil properties. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5268-5274.	3.8	25
7	Organic Amendments Boost Soil Fertility and Rice Productivity and Reduce Methane Emissions from Paddy Fields under Sub-Tropical Conditions. <i>Sustainability</i> , 2021, 13, 3103.	3.2	23
8	Sunlight-driven rapid and facile synthesis of Silver nanoparticles using <i>Allium ampeloprasum</i> extract with enhanced antioxidant and antifungal activity. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3660-3668.	3.8	22
9	Fourier Transform Infrared Spectroscopy vibrational bands study of <i>Spinacia oleracea</i> and <i>Trigonella corniculata</i> under biochar amendment in naturally contaminated soil. <i>PLoS ONE</i> , 2021, 16, e0253390.	2.5	21
10	Interacting Abiotic Factors Affect Growth and Aflatoxin B1 Production Profiles of <i>Aspergillus flavus</i> Strains on Pistachio-Based Matrices and Pistachio Nuts. <i>Frontiers in Microbiology</i> , 2020, 11, 624007.	3.5	18
11	Mapping Groundwater Potential for Irrigation, by Geographical Information System and Remote Sensing Techniques: A Case Study of District Lower Dir, Pakistan. <i>Atmosphere</i> , 2021, 12, 669.	2.3	14
12	Impacts of Climate Change Interacting Abiotic Factors on Growth, aflD and aflR Gene Expression and Aflatoxin B1 Production by <i>Aspergillus flavus</i> Strains In Vitro and on Pistachio Nuts. <i>Toxins</i> , 2021, 13, 385.	3.4	14
13	<i>Paecilomyces formosus</i> MD12, a Biocontrol Agent to Treat <i>Meloidogyne incognita</i> on Brinjal in Green House. <i>Journal of Fungi</i> (Basel, Switzerland), 2021, 7, 632.	3.5	11
14	Establishment of Crops under Minimal Soil Disturbance and Crop Residue Retention in Rice-Based Cropping System: Yield Advantage, Soil Health Improvement, and Economic Benefit. <i>Land</i> , 2021, 10, 581.	2.9	10
15	Prediction of batch sorption of barium and strontium from saline water. <i>Environmental Research</i> , 2021, 197, 111107.	7.5	10
16	Isolation and efficacy of the endophytic fungus, <i>Beauveria bassiana</i> (Bals.) Vuillemin on grapevine aphid, <i>Aphis illinoisensis</i> Shimer (Hemiptera: Aphididae) under laboratory conditions. <i>Egyptian Journal of Biological Pest Control</i> , 2020, 30, .	1.8	8
17	Control Potentials of Three Entomopathogenic Bacterial Isolates for the Carob Moth, <i>Ectomyelois ceratoniae</i> (Lepidoptera: Pyralidae) in Pomegranates. <i>Agriculture</i> (Switzerland), 2021, 11, 1256.	3.1	7
18	Suppression of <i>Pseudomonas syringae</i> pv. tomato infection by rhizosphere fungi. <i>Pest Management Science</i> , 2021, 77, 4350-4356.	3.4	6

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19	Characterization and in vitro cytotoxic assessment of zinc oxide nano-particles in human epidermoid carcinoma cells. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105636.	6.7	6
20	Impacts of Gaseous Ozone (O3) on Germination, Mycelial Growth, and Aflatoxin B1 Production In Vitro and In Situ Contamination of Stored Pistachio Nuts. <i>Toxins</i> , 2022, 14, 416.	3.4	6
21	Interrogation of Bacillus anthracis SrtA active site loop forming open/close lid conformations through extensive MD simulations for understanding binding selectivity of SrtA inhibitors. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3650-3659.	3.8	5
22	Isolation, Identification, and Biocontrol Potential of Entomopathogenic Nematodes and Associated Bacteria against <i>Virachola livia</i> (Lepidoptera: Lycaenidae) and <i>Ectomyelois ceratoniae</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	10
23	Epigenetically modified nucleobases (5hmc, 5fc, and 5caC) interaction with boron and nitrogen doped porous graphene (B/N-pGr) as promising materials for biosensing application: A density functional theory calculations. <i>Environmental Research</i> , 2021, 197, 111133.	7.5	4
24	Effect of rare earth rubidium chloride on the optical, mechanical and antifungal behaviours of L-lysine monohydrochloride crystal for photonics and medical application. <i>Journal of King Saud University - Science</i> , 2021, 33, 101443.	3.5	4
25	Effect of Acclimatization in Elevated CO2 on Growth and Aflatoxin B1 Production by <i>Aspergillus flavus</i> Strains on Pistachio Nuts. <i>Microorganisms</i> , 2022, 10, 49.	3.6	4
26	Comparative molecular genetic diversity between <i>Trichoderma</i> spp. from Egypt and Saudi Arabia. <i>Egyptian Journal of Biological Pest Control</i> , 2020, 30, .	1.8	3
27	Preliminary Reports on Comparative Weed Competitiveness of Bangladeshi Monsoon and Winter Rice Varieties under Puddled Transplanted Conditions. <i>Sustainability</i> , 2021, 13, 5091.	3.2	3
28	Predictive Modeling and Validation on Growth, Production of Asexual Spores and Ochratoxin A of <i>Aspergillus Ochraceus</i> Group under Abiotic Climatic Variables. <i>Microorganisms</i> , 2021, 9, 1321.	3.6	3
29	Microbial induction of resistance in tomato against root-knot nematode <i>Meloidogyne javanica</i> with biocontrol agents. <i>Journal of Environmental Biology</i> , 2020, 41, 1054-1060.	0.5	3
30	Influence of chitinase production on the antagonistic activity of <i>Trichoderma</i> against plant-pathogenic fungi. <i>Journal of Environmental Biology</i> , 2020, 41, 1501-1510.	0.5	3
31	Comprehensive studies on amino acid based organometallic L-threoninum cobalt (II) sulfata (LTCS) single crystal and its antibacterial and antifungal properties. <i>Journal of King Saud University - Science</i> , 2021, 33, 101498.	3.5	2
32	Antimalarial phytochemicals as potential inhibitors of SARS-CoV-2 guanine N7-methyltransferase (nsp) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.5	1