

Kamel A Abd-Elsalam

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.

120
papers

2,137
citations

20
h-index

44
g-index

130
ext. papers

2,667
ext. citations

4.2
avg, IF

5.24
L-index

#	Paper	IF	Citations
120	-Mediated Silver Nanoparticles: Antifungal and Antioxidant Biogenic Tool for Suppressing Mucormycosis Fungi.. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8,	5.6	13
119	Biosorption and Bioleaching of Heavy Metals from Electronic Waste Varied with Microbial Genera. <i>Sustainability</i> , 2022 , 14, 935	3.6	2
118	Multifunctional copper-based nanocomposites in agroecosystem applications 2022 , 595-613		
117	Copper-based nanomaterials: Next-generation agrochemicals: A note from the editor 2022 , 1-14		
116	Trichogenic Silver-Based Nanoparticles for Suppression of Fungi Involved in Damping-Off of Cotton Seedlings.. <i>Microorganisms</i> , 2022 , 10,	4.9	3
115	Agri-food and environmental applications of bionanomaterials produced from agri-waste and microbes 2022 , 441-463		0
114	Rice wastes for green production and sustainable nanomaterials: An overview 2022 , 707-728		0
113	Nanosynthetic and ecofriendly approaches to produce green silver nanoparticles 2022 , 3-19		
112	Fruit peel waste-to-wealth: Bionanomaterials production and their applications in agroecosystems 2022 , 231-257		
111	Biogenic silver nanoparticles: New trends and applications 2022 , 241-281		0
110	Enzymatic synthesis of silver nanoparticles: Mechanisms and applications 2022 , 699-756		0
109	Strategies for scaling up of green-synthesized nanomaterials: Challenges and future trends 2022 , 669-698		
108	Chemical and green production of silver nanocomposites 2022 , 55-74		
107	Sustainable strategies for producing large-scale nanomaterials: A note from the editors 2022 , 1-13		2
106	: An Eco-Friendly Source of Nanomaterials for Sustainable Agroecosystems.. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8,	5.6	2
105	Using Multiplexed CRISPR/Cas9 for Suppression of Cotton Leaf Curl Virus. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
104	-Mediated ZnO Nanoparticles: A Green Tool for Controlling Soil-Borne Pathogens in Cotton. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	11

103	Agroinfiltration Mediated Scalable Transient Gene Expression in Genome Edited Crop Plants. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
102	An Outlook on Global Regulatory Landscape for Genome-Edited Crops. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
101	Differential Antimycotic and Antioxidant Potentials of Chemically Synthesized Zinc-Based Nanoparticles Derived from Different Reducing/Complexing Agents against Pathogenic Fungi of Maize Crop. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	3
100	-Mediated Synthesis of Selenium Nanoparticles and Their Antifungal Activity against in Faba Bean Plants. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	29
99	Potential Usage of Edible Mushrooms and Their Residues to Retrieve Valuable Supplies for Industrial Applications. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	7
98	Functional Attributes of Myco-Synthesized Silver Nanoparticles from Endophytic Fungi: A New Implication in Biomedical Applications. <i>Biology</i> , 2021 , 10,	4.9	8
97	Antifungal Nano-Therapy in Veterinary Medicine: Current Status and Future Prospects. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	8
96	Micro-/nanoscale biodegradable hydrogels: Water purification, management, conservation, and agrochemical delivery 2021 , 201-229		1
95	CRISPR-Cas technology towards improvement of abiotic stress tolerance in plants 2021 , 755-772		2
94	Polymer and lipid-based nanoparticles to deliver RNAi and CRISPR systems 2021 , 635-659		
93	Zinc-based nanostructures for sustainable applications in agroecology: A note from the editor 2021 , 1-10		
92	Nanohybrid Antifungals for Control of Plant Diseases: Current Status and Future Perspectives. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	19
91	Inorganic smart nanoparticles: a new tool to deliver CRISPR systems into plant cells 2021 , 661-686		
90	Silver-based nanomaterials for plant diseases management: Today and future perspectives 2021 , 495-526		0
89	CRISPR applications in plant bacteriology: today and future perspectives 2021 , 551-577		
88	Zinc nanomaterial applications in agroecosystems 2021 , 223-241		
87	as a Novel Fungus for the Synthesis of Nanoparticles: Mechanism and Applications. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021 , 7,	5.6	42
86	Nettle-Leaf Extract Derived ZnO/CuO Nanoparticle-Biopolymer-Based Antioxidant and Antimicrobial Nanocomposite Packaging Films and Their Impact on Extending the Post-Harvest Shelf Life of Guava Fruit. <i>Biomolecules</i> , 2021 , 11,	5.9	9

85	Exosome/Liposome-like Nanoparticles: New Carriers for CRISPR Genome Editing in Plants. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	12
84	Chitosan-Urea Nanocomposite for Improved Fertilizer Applications: The Effect on the Soil Enzymatic Activities and Microflora Dynamics in N Cycle of Potatoes (L.). <i>Polymers</i> , 2021 , 13,	4.5	5
83	Hydrogen peroxide detoxifying enzymes show different activity patterns in host and non-host plant interactions with pathotype. <i>Physiology and Molecular Biology of Plants</i> , 2021 , 27, 2127-2139	2.8	2
82	Silver-based nanomaterials for sustainable applications in agroecology: A note from the editor 2021 , 1-14		
81	Zinc nanomaterials: Synthesis, antifungal activity, and mechanisms 2021 , 139-165		
80	Macrofungi-Assisted Nanoparticle Synthesis and Its Potential Applications: A Review. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	21
79	Multifunctional hybrid nanomaterials for sustainable agri-food and ecosystems: A note from the editor 2020 , 1-19		1
78	Hybrid inorganic-polymer nanocomposites: Synthesis, characterization, and plant-protection applications 2020 , 33-49		1
77	Silica-based nanosystems: Their role in sustainable agriculture 2020 , 437-459		3
76	Silver Composites of Ultradisperse Polytetrafluoroethylene and Its Fractions in Supercritical Carbon Dioxide: Synthesis and Structural Study. <i>Polymer Science - Series B</i> , 2020 , 62, 125-136	0.8	1
75	Nanocarbon-based sensors for pesticide detection: Recent trends 2020 , 401-428		1
74	Graphene-based nanocomposites: Synthesis, characterizations, and their agri-food applications 2020 , 33-57		1
73	Carbon nanomaterial applications in air pollution remediation 2020 , 133-153		11
72	Micro/nano biochar for sustainable plant health: Present status and future prospects 2020 , 323-357		1
71	Carbon nanotubes: An efficient sorbent for herbicide sensing and remediation 2020 , 429-457		1
70	Carbon nanomaterials (CNTs) phytotoxicity: Quo vadis? 2020 , 557-581		1
69	Edible alginate/chitosan-based nanocomposite microspheres as delivery vehicles of omega-3 rich oils. <i>Carbohydrate Polymers</i> , 2020 , 239, 116201	10.3	7
68	Silver/Chitosan Nanocomposites: Preparation and Characterization and Their Fungicidal Activity against Dairy Cattle Toxicosis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	12

67	Carbon nanotubes: Plant gene delivery and genome editing 2020 , 279-296		7
66	Pathogenic and Beneficial Pythium Species in China: An Updated Review 2020 , 107-122		2
65	Host Plants and Specificity of the Genus Pythium 2020 , 162-175		
64	The Genus Pythium: An Overview 2020 , 3-14		
63	Microbially Inspired Nanostructures for Management of Food-Borne Pathogens 2020 , 117-134		
62	The Genus Pythium: Genomics and Breeding for Resistance 2020 , 270-286		
61	Pythium Species as Biocontrol Agents 2020 , 360-377		
60	Nanomaterials and ozonation 2020 , 285-308		2
59	An introduction to nanomycotoxicology 2020 , 1-7		0
58	Zinc-Based Nanomaterials for Diagnosis and Management of Plant Diseases: Ecological Safety and Future Prospects. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	29
57	Mono and hybrid nanomaterials: Novel strategies to manage postharvest diseases 2020 , 287-317		2
56	Copper-Chitosan Nanocomposite Hydrogels Against Aflatoxigenic from Dairy Cattle Feed. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020 , 6,	5.6	13
55	Magnetic nanomaterials for purification, detection, and control of mycotoxins 2020 , 87-114		4
54	Nanoparticles and gene silencing for suppression of mycotoxins 2020 , 423-448		1
53	Antioxidant and antibacterial activities of omega-3 rich oils/curcumin nanoemulsions loaded in chitosan and alginate-based microbeads. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 682-696	7.9	20
52	Magnetic Nanoparticles in Plant Protection: Promises and Risks. <i>Nanotechnology in the Life Sciences</i> , 2019 , 225-246	1.1	2
51	Iron-Based Nanomaterials: Effect on Soil Microbes and Soil Health. <i>Nanotechnology in the Life Sciences</i> , 2019 , 261-285	1.1	
50	Microbially Synthesized Biomagnetic Nanomaterials. <i>Nanotechnology in the Life Sciences</i> , 2019 , 49-75	1.1	

49	Magnetic Nanoparticles: A Unique Gene Delivery System in Plant Science. <i>Nanotechnology in the Life Sciences</i> , 2019 , 95-108	1.1	1
48	Nanobiofungicides: Present concept and future perspectives in fungal control 2019 , 315-351		1
47	Zinc-Based Nanostructures in Plant Protection Applications. <i>Nanotechnology in the Life Sciences</i> , 2019 , 49-83	1.1	0
46	Botrytis Gray Mold Nano- or Biocontrol: Present Status and Future Prospects. <i>Nanotechnology in the Life Sciences</i> , 2019 , 85-118	1.1	1
45	Ecofriendly nanomaterials for controlling gray mold of table grapes and maintaining postharvest quality. <i>European Journal of Plant Pathology</i> , 2019 , 154, 377-388	2.1	32
44	Nanoantimicrobials Mechanism of Action. <i>Nanotechnology in the Life Sciences</i> , 2018 , 281-322	1.1	1
43	Nano-carbon: Plant Growth Promotion and Protection. <i>Nanotechnology in the Life Sciences</i> , 2018 , 155-188.	1	9
42	The Role of Nanoemulsions as Antimicrobial Agents in Plant Protection. <i>Nanotechnology in the Life Sciences</i> , 2018 , 137-153	1.1	2
41	Copper Nanostructures Applications in Plant Protection. <i>Nanotechnology in the Life Sciences</i> , 2018 , 63-86.	1.1	2
40	Chitosan-Based Nanostructures in Plant Protection Applications. <i>Nanotechnology in the Life Sciences</i> , 2018 , 351-384	1.1	2
39	Applications of Silver Nanoparticles in Plant Protection. <i>Nanotechnology in the Life Sciences</i> , 2018 , 247-265		29
38	Bimetallic blends and chitosan nanocomposites: novel antifungal agents against cotton seedling damping-off. <i>European Journal of Plant Pathology</i> , 2017 , 151, 57	2.1	20
37	Nanomaterials Act as Plant Defense Mechanism 2017 , 253-269		28
36	Synthesis and characterization of chitosan/copper nanocomposites and their fungicidal activity against two sclerotia-forming plant pathogenic fungi. <i>Journal of Nanostructure in Chemistry</i> , 2017 , 7, 249-258	7.6	48
35	Fungi as Ecosynthesizers for Nanoparticles and Their Application in Agriculture. <i>Fungal Biology</i> , 2017 , 55-75	2.3	5
34	Nanobiotechnological strategies for toxigenic fungi and mycotoxin control 2017 , 337-364		6
33	Equiseticola gen. nov. (Phaeosphaeriaceae), from Equisetum sp. in Italy. <i>Phytotaxa</i> , 2016 , 284, 169	0.7	6
32	Polymer Inorganic Nanocomposites: A Sustainable Antimicrobial Agents. <i>Fungal Biology</i> , 2016 , 265-289	2.3	0

31	Taxonomy and phylogeny of <i>Laburnicola</i> gen. nov. and <i>Paramassariosphaeria</i> gen. nov. (<i>Didymosphaeriaceae</i> , <i>Massarineae</i> , <i>Pleosporales</i>). <i>Fungal Biology</i> , 2016 , 120, 1354-1373	2.8	17
30	Myconanoparticles: synthesis and their role in phytopathogens management. <i>Biotechnology and Biotechnological Equipment</i> , 2015 , 29, 221-236	1.6	217
29	The Faces of Fungi database: fungal names linked with morphology, phylogeny and human impacts. <i>Fungal Diversity</i> , 2015 , 74, 3-18	17.6	335
28	Eugenol oil nanoemulsion: antifungal activity against <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> and phytotoxicity on cottonseeds. <i>Applied Nanoscience (Switzerland)</i> , 2015 , 5, 255-265	3.3	71
27	Evaluation of a cotton germplasm collection against <i>Fusarium</i> wilt race 3 isolates from Egypt. <i>Tropical Plant Pathology</i> , 2014 , 39, 95-103	2.5	5
26	Plant pathogen nanodiagnostic techniques: forthcoming changes?. <i>Biotechnology and Biotechnological Equipment</i> , 2014 , 28, 775-785	1.6	88
25	Hidden Fungi as Microbial and Nano-Factories for Anticancer Agents. <i>Fungal Genomics & Biology</i> , 2013 , 03,		2
24	Simple and rapid protocol for the isolation of PCR-amplifiable DNA from medicinal plants. <i>Genetics and Molecular Research</i> , 2012 , 11, 348-54	1.2	2
23	The genomes of the fungal plant pathogens <i>Cladosporium fulvum</i> and <i>Dothistroma septosporum</i> reveal adaptation to different hosts and lifestyles but also signatures of common ancestry. <i>PLoS Genetics</i> , 2012 , 8, e1003088	6	189
22	Characterization of novel di-, tri-, and tetranucleotide microsatellite primers suitable for genotyping various plant pathogenic fungi with special emphasis on <i>Fusaria</i> and <i>Mycosphaerella graminicola</i> . <i>International Journal of Molecular Sciences</i> , 2012 , 13, 2951-64	6.3	14
21	Nanoplatfoms for Plant Pathogenic Fungi Management. <i>Fungal Genomics & Biology</i> , 2012 , 02,		10
20	Examination of Correlations Between Several Biochemical Components and Powdery Mildew Resistance of Flax Cultivars. <i>Plant Pathology Journal</i> , 2012 , 28, 149-155	2.5	31
19	An optimized protocol for DNA extraction from wheat seeds and Loop-Mediated Isothermal Amplification (LAMP) to detect <i>Fusarium graminearum</i> contamination of wheat grain. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 3459-72	6.3	45
18	Horizontal gene and chromosome transfer in plant pathogenic fungi affecting host range. <i>FEMS Microbiology Reviews</i> , 2011 , 35, 542-54	15.1	117
17	Epitypification of <i>Colletotrichum musae</i> , the causative agent of banana anthracnose. <i>Mycoscience</i> , 2011 , 52, 376-382	1.2	40
16	<i>Colletotrichum</i> species from Jasmine (<i>Jasminum sambac</i>). <i>Fungal Diversity</i> , 2011 , 46, 171-182	17.6	76
15	A new species of <i>Colletotrichum</i> from <i>Cordyline fruticosa</i> and <i>Eugenia javanica</i> causing anthracnose disease. <i>Mycotaxon</i> , 2011 , 114, 247-257	0.5	15
14	First Report of <i>Rhizoctonia solani</i> AG-7 on Cotton in Egypt. <i>Journal of Phytopathology</i> , 2010 , 158, 307-309.8	0.8	3

13	Molecular detection of ochratoxigenic <i>Aspergillus</i> species isolated from coffee beans in Saudi Arabia. <i>Genetics and Molecular Research</i> , 2010 , 9, 2292-9	1.2	7
12	An efficient method for DNA extraction from Cladosporioid fungi. <i>Genetics and Molecular Research</i> , 2010 , 9, 2283-91	1.2	14
11	M13-microsatellite PCR and rDNA sequence markers for identification of <i>Trichoderma</i> (Hypocreaceae) species in Saudi Arabian soil. <i>Genetics and Molecular Research</i> , 2010 , 9, 2016-24	1.2	18
10	First morphogenetic identification of the fungal pathogen <i>Colletotrichum musae</i> (Phyllachoraceae) from imported bananas in Saudi Arabia. <i>Genetics and Molecular Research</i> , 2010 , 9, 2335-42	1.2	9
9	<i>Colletotrichum gloeosporioides</i> is not a common pathogen on tropical fruits. <i>Fungal Diversity</i> , 2010 , 44, 33-43	17.6	171
8	Mycotoxin-producing fungi occurring in sorghum grains from Saudi Arabia. <i>Fungal Diversity</i> , 2010 , 44, 45-52	17.6	23
7	Culture collections, the new herbaria for fungal pathogens. <i>Fungal Diversity</i> , 2010 , 45, 21-32	17.6	20
6	Differential interactions among cotton genotypes and isolates of <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2009 , 42, 464-473	1	3
5	Isolation of high-quality DNA from cotton and its fungal pathogens. <i>Journal of Plant Diseases and Protection</i> , 2007 , 114, 113-116	1.5	17
4	Response of Commercial Cotton Cultivars to <i>Fusarium solani</i> . <i>Plant Pathology Journal</i> , 2007 , 23, 62-69	2.5	2
3	Frequency and diversity of <i>Fusarium</i> spp. colonizing roots of Egyptian cottons. <i>Archives of Phytopathology and Plant Protection</i> , 2006 , 39, 165-177	1	6
2	Antagonistic potential of <i>Trichoderma</i> spp. against <i>Rhizoctonia solani</i> and use of M13 microsatellite-primed PCR to evaluate the antagonist genetic variation. <i>Journal of Plant Diseases and Protection</i> , 2005 , 112, 550-561	1.5	14
1	Rapid and efficient extraction of genomic DNA from different phytopathogenic fungi using DNAzol reagent. <i>Biotechnology Letters</i> , 2005 , 27, 3-6	3	16