

# Kamel A Abd-Elsalam

## List of Publications by Citations

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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	The Faces of Fungi database: fungal names linked with morphology, phylogeny and human impacts. <i>Fungal Diversity</i> , <b>2015</b> , 74, 3-18	17.6	335
119	Myconanoparticles: synthesis and their role in phytopathogens management. <i>Biotechnology and Biotechnological Equipment</i> , <b>2015</b> , 29, 221-236	1.6	217
118	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> , <b>2012</b> , 8, e1003088	6	189
117	<i>Colletotrichum gloeosporioides</i> is not a common pathogen on tropical fruits. <i>Fungal Diversity</i> , <b>2010</b> , 44, 33-43	17.6	171
116	Horizontal gene and chromosome transfer in plant pathogenic fungi affecting host range. <i>FEMS Microbiology Reviews</i> , <b>2011</b> , 35, 542-54	15.1	117
115	Plant pathogen nanodiagnostic techniques: forthcoming changes?. <i>Biotechnology and Biotechnological Equipment</i> , <b>2014</b> , 28, 775-785	1.6	88
114	<i>Colletotrichum</i> species from Jasmine ( <i>Jasminum sambac</i> ). <i>Fungal Diversity</i> , <b>2011</b> , 46, 171-182	17.6	76
113	Eugenol oil nanoemulsion: antifungal activity against <i>Fusarium oxysporum</i> f. sp. <i>vasinfectum</i> and phytotoxicity on cottonseeds. <i>Applied Nanoscience (Switzerland)</i> , <b>2015</b> , 5, 255-265	3.3	71
112	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> , <b>2017</b> , 7, 249-258	7.6	48
111	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> , <b>2011</b> , 12, 3459-72	6.3	45
110	as a Novel Fungus for the Synthesis of Nanoparticles: Mechanism and Applications. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	42
109	Epitypification of <i>Colletotrichum musae</i> , the causative agent of banana anthracnose. <i>Mycoscience</i> , <b>2011</b> , 52, 376-382	1.2	40
108	Ecofriendly nanomaterials for controlling gray mold of table grapes and maintaining postharvest quality. <i>European Journal of Plant Pathology</i> , <b>2019</b> , 154, 377-388	2.1	32
107	Examination of Correlations Between Several Biochemical Components and Powdery Mildew Resistance of Flax Cultivars. <i>Plant Pathology Journal</i> , <b>2012</b> , 28, 149-155	2.5	31
106	Applications of Silver Nanoparticles in Plant Protection. <i>Nanotechnology in the Life Sciences</i> , <b>2018</b> , 247-265		29
105	Zinc-Based Nanomaterials for Diagnosis and Management of Plant Diseases: Ecological Safety and Future Prospects. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	29
104	-Mediated Synthesis of Selenium Nanoparticles and Their Antifungal Activity against in Faba Bean Plants. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	29

103	Nanomaterials Act as Plant Defense Mechanism <b>2017</b> , 253-269		28
102	Mycotoxin-producing fungi occurring in sorghum grains from Saudi Arabia. <i>Fungal Diversity</i> , <b>2010</b> , 44, 45-52	17.6	23
101	Macrofungi-Assisted Nanoparticle Synthesis and Its Potential Applications: A Review. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	21
100	Bimetallic blends and chitosan nanocomposites: novel antifungal agents against cotton seedling damping-off. <i>European Journal of Plant Pathology</i> , <b>2017</b> , 151, 57	2.1	20
99	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> , <b>2019</b> , 140, 682-696	7.9	20
98	Culture collections, the new herbaria for fungal pathogens. <i>Fungal Diversity</i> , <b>2010</b> , 45, 21-32	17.6	20
97	Nanohybrid Antifungals for Control of Plant Diseases: Current Status and Future Perspectives. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	19
96	M13-microsatellite PCR and rDNA sequence markers for identification of Trichoderma (Hypocreaceae) species in Saudi Arabian soil. <i>Genetics and Molecular Research</i> , <b>2010</b> , 9, 2016-24	1.2	18
95	Taxonomy and phylogeny of Laburnicola gen. nov. and Paramassariosphaeria gen. nov. (Didymosphaeriaceae, Massarineae, Pleosporales). <i>Fungal Biology</i> , <b>2016</b> , 120, 1354-1373	2.8	17
94	Isolation of high-quality DNA from cotton and its fungal pathogens. <i>Journal of Plant Diseases and Protection</i> , <b>2007</b> , 114, 113-116	1.5	17
93	Rapid and efficient extraction of genomic DNA from different phytopathogenic fungi using DNAzol reagent. <i>Biotechnology Letters</i> , <b>2005</b> , 27, 3-6	3	16
92	A new species of Colletotrichum from Cordyline fruticosa and Eugenia javanica causing anthracnose disease. <i>Mycotaxon</i> , <b>2011</b> , 114, 247-257	0.5	15
91	An efficient method for DNA extraction from Cladosporioid fungi. <i>Genetics and Molecular Research</i> , <b>2010</b> , 9, 2283-91	1.2	14
90	Characterization of novel di-, tri-, and tetranucleotide microsatellite primers suitable for genotyping various plant pathogenic fungi with special emphasis on Fusaria and Mycospherella graminicola. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 2951-64	6.3	14
89	Antagonistic potential of Trichoderma spp. against Rhizoctonia solani and use of M13 microsatellite-primed PCR to evaluate the antagonist genetic variation. <i>Journal of Plant Diseases and Protection</i> , <b>2005</b> , 112, 550-561	1.5	14
88	-Mediated Silver Nanoparticles: Antifungal and Antioxidant Biogenic Tool for Suppressing Mucormycosis Fungi.. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8,	5.6	13
87	Copper-Chitosan Nanocomposite Hydrogels Against Aflatoxigenic from Dairy Cattle Feed. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	13
86	Silver/Chitosan Nanocomposites: Preparation and Characterization and Their Fungicidal Activity against Dairy Cattle Toxicosis. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2020</b> , 6,	5.6	12

85	Exosome/Liposome-like Nanoparticles: New Carriers for CRISPR Genome Editing in Plants. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	12
84	Carbon nanomaterial applications in air pollution remediation <b>2020</b> , 133-153		11
83	-Mediated ZnO Nanoparticles: A Green Tool for Controlling Soil-Borne Pathogens in Cotton. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	11
82	Nanoplatforms for Plant Pathogenic Fungi Management. <i>Fungal Genomics &amp; Biology</i> , <b>2012</b> , 02,		10
81	Nano-carbon: Plant Growth Promotion and Protection. <i>Nanotechnology in the Life Sciences</i> , <b>2018</b> , 155-188.1		9
80	First morphogenetic identification of the fungal pathogen <i>Colletotrichum musae</i> (Phyllachoraceae) from imported bananas in Saudi Arabia. <i>Genetics and Molecular Research</i> , <b>2010</b> , 9, 2335-42	1.2	9
79	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> , <b>2021</b> , 11,	5.9	9
78	Functional Attributes of Myco-Synthesized Silver Nanoparticles from Endophytic Fungi: A New Implication in Biomedical Applications. <i>Biology</i> , <b>2021</b> , 10,	4.9	8
77	Antifungal Nano-Therapy in Veterinary Medicine: Current Status and Future Prospects. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	8
76	Edible alginate/chitosan-based nanocomposite microspheres as delivery vehicles of omega-3 rich oils. <i>Carbohydrate Polymers</i> , <b>2020</b> , 239, 116201	10.3	7
75	Carbon nanotubes: Plant gene delivery and genome editing <b>2020</b> , 279-296		7
74	Molecular detection of ochratoxigenic <i>Aspergillus</i> species isolated from coffee beans in Saudi Arabia. <i>Genetics and Molecular Research</i> , <b>2010</b> , 9, 2292-9	1.2	7
73	Potential Usage of Edible Mushrooms and Their Residues to Retrieve Valuable Supplies for Industrial Applications. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2021</b> , 7,	5.6	7
72	<i>Equiseticola</i> gen. nov. (Phaeosphaeriaceae), from <i>Equisetum</i> sp. in Italy. <i>Phytotaxa</i> , <b>2016</b> , 284, 169	0.7	6
71	Nanobiotechnological strategies for toxigenic fungi and mycotoxin control <b>2017</b> , 337-364		6
70	Frequency and diversity of <i>Fusarium</i> spp. colonizing roots of Egyptian cottons. <i>Archives of Phytopathology and Plant Protection</i> , <b>2006</b> , 39, 165-177	1	6
69	Fungi as Ecosynthesizers for Nanoparticles and Their Application in Agriculture. <i>Fungal Biology</i> , <b>2017</b> , 55-75	2.3	5
68	Evaluation of a cotton germplasm collection against <i>Fusarium</i> wilt race 3 isolates from Egypt. <i>Tropical Plant Pathology</i> , <b>2014</b> , 39, 95-103	2.5	5

67	An Outlook on Global Regulatory Landscape for Genome-Edited Crops. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
66	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> , <b>2021</b> , 13,	4.5	5
65	Using Multiplexed CRISPR/Cas9 for Suppression of Cotton Leaf Curl Virus. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
64	Agroinfiltration Mediated Scalable Transient Gene Expression in Genome Edited Crop Plants. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
63	Magnetic nanomaterials for purification, detection, and control of mycotoxins <b>2020</b> , 87-114		4
62	Silica-based nanosystems: Their role in sustainable agriculture <b>2020</b> , 437-459		3
61	First Report of <i>Rhizoctonia solani</i> AG-7 on Cotton in Egypt. <i>Journal of Phytopathology</i> , <b>2010</b> , 158, 307-309.	2.8	3
60	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> , <b>2009</b> , 42, 464-473	1	3
59	Trichogenic Silver-Based Nanoparticles for Suppression of Fungi Involved in Damping-Off of Cotton Seedlings.. <i>Microorganisms</i> , <b>2022</b> , 10,	4.9	3
58	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> , <b>2021</b> , 7,	5.6	3
57	Magnetic Nanoparticles in Plant Protection: Promises and Risks. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 225-246	1.1	2
56	The Role of Nanoemulsions as Antimicrobial Agents in Plant Protection. <i>Nanotechnology in the Life Sciences</i> , <b>2018</b> , 137-153	1.1	2
55	Copper Nanostructures Applications in Plant Protection. <i>Nanotechnology in the Life Sciences</i> , <b>2018</b> , 63-86.	1.1	2
54	Chitosan-Based Nanostructures in Plant Protection Applications. <i>Nanotechnology in the Life Sciences</i> , <b>2018</b> , 351-384	1.1	2
53	Simple and rapid protocol for the isolation of PCR-amplifiable DNA from medicinal plants. <i>Genetics and Molecular Research</i> , <b>2012</b> , 11, 348-54	1.2	2
52	Hidden Fungi as Microbial and Nano-Factories for Anticancer Agents. <i>Fungal Genomics &amp; Biology</i> , <b>2013</b> , 03,		2
51	Biosorption and Bioleaching of Heavy Metals from Electronic Waste Varied with Microbial Genera. <i>Sustainability</i> , <b>2022</b> , 14, 935	3.6	2
50	Pathogenic and Beneficial <i>Pythium</i> Species in China: An Updated Review <b>2020</b> , 107-122		2

49	Response of Commercial Cotton Cultivars to <i>Fusarium solani</i> . <i>Plant Pathology Journal</i> , <b>2007</b> , 23, 62-69	2.5	2
48	Sustainable strategies for producing large-scale nanomaterials: A note from the editors <b>2022</b> , 1-13		2
47	Nanomaterials and ozonation <b>2020</b> , 285-308		2
46	Mono and hybrid nanomaterials: Novel strategies to manage postharvest diseases <b>2020</b> , 287-317		2
45	CRISPR/Cas technology towards improvement of abiotic stress tolerance in plants <b>2021</b> , 755-772		2
44	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> , <b>2021</b> , 27, 2127-2139	2.8	2
43	: An Eco-Friendly Source of Nanomaterials for Sustainable Agroecosystems.. <i>Journal of Fungi (Basel, Switzerland)</i> , <b>2022</b> , 8,	5.6	2
42	Magnetic Nanoparticles: A Unique Gene Delivery System in Plant Science. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 95-108	1.1	1
41	Nanobiofungicides: Present concept and future perspectives in fungal control <b>2019</b> , 315-351		1
40	Multifunctional hybrid nanomaterials for sustainable agri-food and ecosystems: A note from the editor <b>2020</b> , 1-19		1
39	Hybrid inorganic-polymer nanocomposites: Synthesis, characterization, and plant-protection applications <b>2020</b> , 33-49		1
38	Silver Composites of Ultradisperse Polytetrafluoroethylene and Its Fractions in Supercritical Carbon Dioxide: Synthesis and Structural Study. <i>Polymer Science - Series B</i> , <b>2020</b> , 62, 125-136	0.8	1
37	Nanocarbon-based sensors for pesticide detection: Recent trends <b>2020</b> , 401-428		1
36	Graphene-based nanocomposites: Synthesis, characterizations, and their agri-food applications <b>2020</b> , 33-57		1
35	Micro/nano biochar for sustainable plant health: Present status and future prospects <b>2020</b> , 323-357		1
34	Carbon nanotubes: An efficient sorbent for herbicide sensing and remediation <b>2020</b> , 429-457		1
33	Carbon nanomaterials (CNTs) phytotoxicity: Quo vadis? <b>2020</b> , 557-581		1
32	Nanoantimicrobials Mechanism of Action. <i>Nanotechnology in the Life Sciences</i> , <b>2018</b> , 281-322	1.1	1

31	Botrytis Gray Mold Nano- or Biocontrol: Present Status and Future Prospects. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 85-118	1.1	1
30	Nanoparticles and gene silencing for suppression of mycotoxins <b>2020</b> , 423-448		1
29	Micro-/nanoscale biodegradable hydrogels: Water purification, management, conservation, and agrochemical delivery <b>2021</b> , 201-229		1
28	Polymer Inorganic Nanocomposites: A Sustainable Antimicrobial Agents. <i>Fungal Biology</i> , <b>2016</b> , 265-289	2.3	0
27	Zinc-Based Nanostructures in Plant Protection Applications. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 49-83	1.1	0
26	Agri-food and environmental applications of bionanomaterials produced from agri-waste and microbes <b>2022</b> , 441-463		0
25	Rice wastes for green production and sustainable nanomaterials: An overview <b>2022</b> , 707-728		0
24	Biogenic silver nanoparticles: New trends and applications <b>2022</b> , 241-281		0
23	Enzymatic synthesis of silver nanoparticles: Mechanisms and applications <b>2022</b> , 699-756		0
22	An introduction to nanomycotoxicology <b>2020</b> , 1-7		0
21	Silver-based nanomaterials for plant diseases management: Today and future perspectives <b>2021</b> , 495-526		0
20	Iron-Based Nanomaterials: Effect on Soil Microbes and Soil Health. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 261-285	1.1	
19	Microbially Synthesized Biomagnetic Nanomaterials. <i>Nanotechnology in the Life Sciences</i> , <b>2019</b> , 49-75	1.1	
18	Multifunctional copper-based nanocomposites in agroecosystem applications <b>2022</b> , 595-613		
17	Copper-based nanomaterials: Next-generation agrochemicals: A note from the editor <b>2022</b> , 1-14		
16	Host Plants and Specificity of the Genus <i>Pythium</i> <b>2020</b> , 162-175		
15	The Genus <i>Pythium</i> : An Overview <b>2020</b> , 3-14		
14	Microbially Inspired Nanostructures for Management of Food-Borne Pathogens <b>2020</b> , 117-134		

- 13 The Genus *Pythium*: Genomics and Breeding for Resistance **2020**, 270-286
- 12 Nanosynthetic and ecofriendly approaches to produce green silver nanoparticles **2022**, 3-19
- 11 Fruit peel waste-to-wealth: Bionanomaterials production and their applications in agroecosystems **2022**, 231-257
- 10 Strategies for scaling up of green-synthesized nanomaterials: Challenges and future trends **2022**, 669-698
- 9 Chemical and green production of silver nanocomposites **2022**, 55-74
- 8 *Pythium* Species as Biocontrol Agents **2020**, 360-377
- 7 Polymer and lipid-based nanoparticles to deliver RNAi and CRISPR systems **2021**, 635-659
- 6 Zinc-based nanostructures for sustainable applications in agroecology: A note from the editor **2021**, 1-10
- 5 Inorganic smart nanoparticles: a new tool to deliver CRISPR systems into plant cells **2021**, 661-686
- 4 CRISPR applications in plant bacteriology: today and future perspectives **2021**, 551-577
- 3 Zinc nanomaterial applications in agroecosystems **2021**, 223-241
- 2 Silver-based nanomaterials for sustainable applications in agroecology: A note from the editor **2021**, 1-14
- 1 Zinc nanomaterials: Synthesis, antifungal activity, and mechanisms **2021**, 139-165