

Ahmed El-Shehawi

List of Publications by Year in descending order

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104
papers

1,264
citations

430442

18
h-index

525886

27
g-index

105
all docs

105
docs citations

105
times ranked

897
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth Performance, Antioxidative Capacity, and Intestinal Histomorphology of Grey Mullet (<i>Liza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.9	9
2	Sustainable phosphorous management in two different soil series of Pakistan by evaluating dynamics of phosphatic fertilizer source. Saudi Journal of Biological Sciences, 2022, 29, 255-260.	1.8	9
3	Mercury toxicity causes iron and sulfur deficiencies along with oxidative injuries in alfalfa (<i>Medicago sativa</i>). Plant Biosystems, 2022, 156, 284-291.	0.8	9
4	Biological silicon nanoparticles maximize the efficiency of nematicides against biotic stress induced by <i>Meloidogyne incognita</i> in eggplant. Saudi Journal of Biological Sciences, 2022, 29, 920-932.	1.8	42
5	The prevalence and intensity of external parasites in domestic pigeons (<i>Columba livia domestica</i>) in Egypt with special reference to the role of deltamethrin as insecticidal agent. Saudi Journal of Biological Sciences, 2022, 29, 1825-1831.	1.8	16
6	Evaluation of genetic behavior of some Egyptian Cotton genotypes for tolerance to water stress conditions. Saudi Journal of Biological Sciences, 2022, 29, 1611-1617.	1.8	9
7	The Effect of Low-Pressure Dielectric Barrier Discharge (LPDBD) Plasma in Boosting Germination, Growth, and Nutritional Properties in Wheat. Plasma Chemistry and Plasma Processing, 2022, 42, 339-362.	1.1	8
8	Fruit Bromelain-Derived Peptide Potentially Restrains the Attachment of SARS-CoV-2 Variants to hACE2: A Pharmacoinformatics Approach. Molecules, 2022, 27, 260.	1.7	21
9	Biochemical and molecular diagnosis of different tomato cultivars susceptible and resistant to <i>Tuta absoluta</i> (Meyrick) infestation. Saudi Journal of Biological Sciences, 2022, 29, 2904-2910.	1.8	4
10	Biological control: An effective approach against nematodes using black pepper plants (<i>Piper nigrum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.8	18
11	The Anti-Inflammatory, Anti-Apoptotic, and Antioxidant Effects of a Pomegranate-Peel Extract against Acrylamide-Induced Hepatotoxicity in Rats. Life, 2022, 12, 224.	1.1	23
12	Identification of the most damaging nsSNPs in the human CFL1 gene and their functional and structural impacts on cofilin-1 protein. Gene, 2022, 819, 146206.	1.0	9
13	Stability and anatomical parameters of irradiated potato cultivars under drought stress. Saudi Journal of Biological Sciences, 2022, 29, 2819-2827.	1.8	2
14	<i>Mycoplasma gallisepticum</i> : a devastating organism for the poultry industry in Egypt. Poultry Science, 2022, 101, 101658.	1.5	15
15	Toxicity, Deterrent and Repellent Activities of Four Essential Oils on <i>Aphis punicae</i> (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	1.6	16
16	The Prevalence and Molecular Biology of <i>Staphylococcus aureus</i> Isolated from Healthy and Diseased Equine Eyes in Egypt. Antibiotics, 2022, 11, 221.	1.5	2
17	Biochemical and Molecular Dynamics Study of a Novel GH 43 \pm -L-Arabinofuranosidase/ β -Xylosidase From <i>Caldicellulosiruptor saccharolyticus</i> DSM8903. Frontiers in Bioengineering and Biotechnology, 2022, 10, 810542.	2.0	6
18	Lead tolerance is related to its root exclusion through the regulation of Fe uptake genes (<i>TaNAAT1</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	1

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19	Taify Pomegranate Juice (TPJ) Abrogates Acrylamide-Induced Oxidative Stress Through the Regulation of Antioxidant Activity, Inflammation, and Apoptosis-Associated Genes. <i>Frontiers in Veterinary Science</i> , 2022, 9, 833605.	0.9	6
20	The Mechanistic Basis of Sulfur-mediated Alleviation of Pb Toxicity in Wheat. <i>Gesunde Pflanzen</i> , 2022, 74, 571-581.	1.7	9
21	Performance of some elite potato cultivars under abiotic stress at North Sinai. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2645-2655.	1.8	3
22	Consecutive seasonal effect on yield and water productivity of drip deficit irrigated sorghum in saline soils. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2683-2690.	1.8	13
23	Genetic behavior of earliness and yield traits of some rice (<i>Oryza sativa</i> L.) genotypes. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2691-2697.	1.8	9
24	Changes in physiological responses and MTP (metal tolerance protein) transcripts in soybean (<i>Glycine</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.8	8
25	Physiological and molecular characterization of strategy-I responses and expression of Fe-transporters in Fe-deficient soybean. <i>South African Journal of Botany</i> , 2022, 147, 942-950.	1.2	4
26	Characterization of the Impacts of Living at High Altitude in Taif: Oxidative Stress Biomarker Alterations and Immunohistochemical Changes. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1610-1625.	1.0	3
27	Sugarcane bagasse acts as a metal absorber in the rhizosphere in mitigating arsenic toxicity in wheat. <i>Rendiconti Lincei</i> , 2022, 33, 603-612.	1.0	1
28	Overview on <i>Cryptosporidium bovis</i> and Its Effect on Calves in Some Governorates in Egypt. <i>Journal of Tropical Medicine</i> , 2022, 2022, 1-7.	0.6	5
29	Sinapic acid Inhibits Group IIA Secretory Phospholipase A2 and Its Inflammatory Response in Mice. <i>Antioxidants</i> , 2022, 11, 1251.	2.2	1
30	Investigation of the New Inhibitors by Sulfadiazine and Modified Derivatives of Î±-D-glucopyranoside for White Spot Syndrome Virus Disease of Shrimp by In Silico: Quantum Calculations, Molecular Docking, ADMET and Molecular Dynamics Study. <i>Molecules</i> , 2022, 27, 3694.	1.7	13
31	Chemical and Pharmacological Profiling of <i>Wrightia coccinea</i> (Roxb. Ex Hornem.) Sims Focusing Antioxidant, Cytotoxic, Antidiarrheal, Hypoglycemic, and Analgesic Properties. <i>Molecules</i> , 2022, 27, 4024.	1.7	13
32	Characterization of Okra Species, Their Hybrids and Crossability Relationships among <i>Abelmoschus</i> Species of the Western Ghats Region. <i>Horticulturae</i> , 2022, 8, 587.	1.2	2
33	Reproductive Injury in Male Rats from Acrylamide Toxicity and Potential Protection by Earthworm Methanolic Extract. <i>Animals</i> , 2022, 12, 1723.	1.0	6
34	Influence of Tillage Systems and Cerealsâ€™ Legume Mixture on Fodder Yield, Quality and Net Returns under Rainfed Conditions. <i>Sustainability</i> , 2021, 13, 2172.	1.6	15
35	Molecular characterization of endophytic fungal communities associated with <i>Vitis vinifera</i> L. at Taif region of Saudi Arabia. <i>Journal of Environmental Biology</i> , 2021, 42, 177-185.	0.2	4
36	Selection of Suitable Potato Genotypes for Late-Sown Heat Stress Conditions Based on Field Performance and Stress Tolerance Indices. <i>Sustainability</i> , 2021, 13, 2770.	1.6	6

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37	Molecular characterization of Fe-acquisition genes causing decreased Fe uptake and photosynthetic inefficiency in Fe-deficient sunflower. <i>Scientific Reports</i> , 2021, 11, 5537.	1.6	8
38	Serotyping and Antimicrobial Resistance Profile of Enteric Nontyphoidal Salmonella Recovered from Febrile Neutropenic Patients and Poultry in Egypt. <i>Antibiotics</i> , 2021, 10, 493.	1.5	11
39	Various optical soliton for a weak fractional nonlinear Schrödinger equation with parabolic law. <i>Results in Physics</i> , 2021, 23, 103998.	2.0	29
40	A vital role of chitosan nanoparticles in improvisation the drought stress tolerance in <i>Catharanthus roseus</i> (L.) through biochemical and gene expression modulation. <i>Plant Physiology and Biochemistry</i> , 2021, 161, 166-175.	2.8	100
41	The Influence of Environmental Factors on Seed Germination of <i>Polygonum perfoliatum</i> L.: Implications for Management. <i>Agronomy</i> , 2021, 11, 1123.	1.3	10
42	Infectious clone construction and pathogenicity confirmation of Cotton leaf curl Multan virus (CLCuMuV), Ramie mosaic virus (RamV) and Corchorus yellow vein Vietnam virus (CoYVV) by southern blot analysis. <i>PLoS ONE</i> , 2021, 16, e0251232.	1.1	2
43	Productivity performance of peach trees, insecticidal and antibacterial bioactivities of leaf extracts as affected by nanofertilizers foliar application. <i>Scientific Reports</i> , 2021, 11, 10205.	1.6	26
44	Early-stage iron deficiency alters physiological processes and iron transporter expression, along with photosynthetic and oxidative damage to sorghum. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4770-4777.	1.8	12
45	<i>Moringa oleifera</i> ethanolic extract ameliorates the testicular dysfunction resulted from HFD-induced obesity rat model. <i>Andrologia</i> , 2021, 53, e14126.	1.0	6
46	Antifungal Activities of Wood and Non-Wood Kraft Handsheets Treated with <i>Melia azedarach</i> Extract Using SEM and HPLC Analyses. <i>Polymers</i> , 2021, 13, 2012.	2.0	4
47	Lump, multi-wave, kinky breathers, interactional solutions and stability analysis for general $(2\hat{A}+\hat{A}1)$ -rth dispersionless Dym equation. <i>Results in Physics</i> , 2021, 25, 104160.	2.0	41
48	Quantitative response of wheat to sowing dates and irrigation regimes using CERES-Wheat model. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6198-6208.	1.8	5
49	Optimizing nitrogen supply promotes biomass, physiological characteristics and yield components of soybean (<i>Glycine max</i> L. Merr.). <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6209-6217.	1.8	11
50	Fluctuation in amino acids content in <i>Triticum aestivum</i> L. cultivars as an indicator on the impact of post-emergence herbicides in controlling weeds. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6332-6338.	1.8	6
51	Combined application of zinc-lysine chelate and zinc-solubilizing bacteria improves yield and grain biofortification of maize (<i>Zea mays</i> L.). <i>PLoS ONE</i> , 2021, 16, e0254647.	1.1	16
52	Foliar application of seed water extract of <i>Nigella sativa</i> improved maize growth in cadmium-contaminated soil. <i>PLoS ONE</i> , 2021, 16, e0254602.	1.1	7
53	Integrated nitrogen management improves productivity and economic returns of wheat-maize cropping system. <i>Journal of King Saud University - Science</i> , 2021, 33, 101475.	1.6	18
54	Dietary Cinnamon Successfully Enhanced the Growth Performance, Growth Hormone, Antibacterial Capacity, and Immunity of European Sea Bass (<i>Dicentrarchus labrax</i>). <i>Animals</i> , 2021, 11, 2128.	1.0	20

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55	The enhancement of the growth rate, intestinal health, expression of immune-related genes, and resistance against suboptimal water temperature in common carp (<i>Cyprinus carpio</i>) by dietary paraprobiotics. <i>Aquaculture Reports</i> , 2021, 20, 100729.	0.7	11
56	Sulfur Application Combined with <i>Planomicrobium</i> sp. Strain MSSA-10 and Farmyard Manure Biochar Helps in the Management of Charcoal Rot Disease in Sunflower (<i>Helianthus annuus</i> L.). <i>Sustainability</i> , 2021, 13, 8535.	1.6	8
57	Moringa leaf extract improves biochemical attributes, yield and grain quality of rice (<i>Oryza sativa</i> L.) under drought stress. <i>PLoS ONE</i> , 2021, 16, e0254452.	1.1	42
58	The influence of vermicomposting on photosynthetic activity and productivity of maize (<i>Zea mays</i> L.) crop under semi-arid climate. <i>PLoS ONE</i> , 2021, 16, e0256450.	1.1	12
59	Phylogenetic and expression dynamics of tomato ClpB/Hsp100 gene under heat stress. <i>PLoS ONE</i> , 2021, 16, e0255847.	1.1	6
60	The Cd-induced morphological and photosynthetic disruption is related to the reduced Fe status and increased oxidative injuries in sugar beet. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 448-458.	2.8	23
61	Moringa oleifera leaves ethanolic extract ameliorates high fat diet-induced obesity in rats. <i>Journal of King Saud University - Science</i> , 2021, 33, 101552.	1.6	6
62	Interactions of the Receptor Binding Domain of SARS-CoV-2 Variants with hACE2: Insights from Molecular Docking Analysis and Molecular Dynamic Simulation. <i>Biology</i> , 2021, 10, 880.	1.3	38
63	<i>R. vesicarius</i> L. exerts nephroprotective effect against cisplatin-induced oxidative stress. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 225.	1.2	3
64	Molecular characterization and bioinformatics analysis of transporter genes associated with Cd-induced phytotoxicity in rice (<i>Oryza sativa</i> L.). <i>Plant Physiology and Biochemistry</i> , 2021, 167, 438-448.	2.8	19
65	Grain yield and correlated traits of bread wheat lines: Implications for yield improvement. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5714-5719.	1.8	15
66	The use of previous crops as sustainable and eco-friendly management to fight <i>Fusarium oxysporum</i> in sesame plants. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5849-5859.	1.8	12
67	Field Evaluation of Native Fungus, <i>Beauveria bassiana</i> (Bals.) Vuillemin Against some Piercing-Sucking Insects on the Grapevine. <i>Pakistan Journal of Biological Sciences</i> , 2021, 24, 158-164.	0.2	2
68	Characteristics and methods to release seed dormancy of two ground cherry (<i>Physalis</i>) species. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2021, 25, 100337.	0.9	4
69	The Impact of Different Crop Rotations by Weed Management Strategies™ Interactions on Weed Infestation and Productivity of Wheat (<i>Triticum aestivum</i> L.). <i>Agronomy</i> , 2021, 11, 2088.	1.3	14
70	Diversity of fungal pathogens associated with loquat and development of novel virulence scales. <i>PLoS ONE</i> , 2021, 16, e0257951.	1.1	6
71	Morpho-physiological and biochemical attributes of Chili (<i>Capsicum annum</i> L.) genotypes grown under varying salinity levels. <i>PLoS ONE</i> , 2021, 16, e0257893.	1.1	5
72	CaWRKY30 Positively Regulates Pepper Immunity by Targeting CaWRKY40 against <i>Ralstonia solanacearum</i> Inoculation through Modulating Defense-Related Genes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12091.	1.8	10

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73	Designing of a Multi-epitope Vaccine against the Structural Proteins of Marburg Virus Exploiting the Immunoinformatics Approach. <i>ACS Omega</i> , 2021, 6, 32043-32071.	1.6	43
74	Efficacy of <i>Bacillus subtilis</i> , <i>Moringa oleifera</i> seeds extract and potassium bicarbonate on <i>Cercospora</i> leaf spot on sugar beet. <i>Saudi Journal of Biological Sciences</i> , 2021, 29, 2219-2229.	1.8	9
75	In Silico and In Vitro Evaluation of the Antimicrobial Potential of <i>Bacillus cereus</i> Isolated from <i>Apis dorsata</i> Gut against <i>Neisseria gonorrhoeae</i> . <i>Antibiotics</i> , 2021, 10, 1401.	1.5	12
76	Seed germination ecology of <i>Conyza sumatrensis</i> populations stemming from different habitats and implications for management. <i>PLoS ONE</i> , 2021, 16, e0260674.	1.1	4
77	Ameliorating Effect of Pineapple Juice on the Obesity-Induced Testicular Impairment in Male Wistar Rat. <i>Pakistan Journal of Biological Sciences</i> , 2021, 24, 1130-1137.	0.2	0
78	The Protective Impact of <i>Salsola imbricata</i> Leaf Extract From Taif Against Acrylamide-Induced Hepatic Inflammation and Oxidative Damage: The Role of Antioxidants, Cytokines, and Apoptosis-Associated Genes. <i>Frontiers in Veterinary Science</i> , 2021, 8, 817183.	0.9	6
79	Clinical Investigation on the Impact of Cannabis Abuse on Thyroid Hormones and Associated Psychiatric Manifestations in the Male Population. <i>Frontiers in Psychiatry</i> , 2021, 12, 730388.	1.3	3
80	Plant growth promoting rhizobacteria improve growth and yield related attributes of chili under low nitrogen availability. <i>PLoS ONE</i> , 2021, 16, e0261468.	1.1	9
81	<i>Bacillus tequilensis</i> strain "UPMRB9"™ improves biochemical attributes and nutrient accumulation in different rice varieties under salinity stress. <i>PLoS ONE</i> , 2021, 16, e0260869.	1.1	16
82	Appraisal of Bioactive Compounds of Betel Fruit as Antimalarial Agents by Targeting Plasmeprin 1 and 2: A Computational Approach. <i>Pharmaceuticals</i> , 2021, 14, 1285.	1.7	3
83	Ginger Water Reduces Body Weight Gain and Improves Energy Expenditure in Rats. <i>Foods</i> , 2020, 9, 38.	1.9	26
84	Promoting Effect of L-tyrosine Supplement on New Zealand Rabbit Bucks' Performance and Reproduction Through Upregulation of Steroidogenic Markers. <i>Frontiers in Veterinary Science</i> , 2020, 7, 605.	0.9	1
85	Transcriptome Analysis of Testis from HFD-Induced Obese Rats (<i>Rattus norvegicus</i>) Indicated Predisposition for Male Infertility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6493.	1.8	6
86	Ameliorative Effect of Graviola (<i>Annona muricata</i>) on Mono Sodium Glutamate-Induced Hepatic Injury in Rats: Antioxidant, Apoptotic, Anti-inflammatory, Lipogenesis Markers, and Histopathological Studies. <i>Animals</i> , 2020, 10, 1996.	1.0	24
87	Transcriptome Analysis of <i>Jojoba</i> (<i>Simmondsia chinensis</i>) during Seed Development and Liquid Wax Ester Biosynthesis. <i>Plants</i> , 2020, 9, 588.	1.6	15
88	Methylation of Exogenous Promoters Regulates Soybean Isoflavone Synthase (<i>GmIFS</i>) Transgene in T0 Transgenic Wheat (<i>Triticum aestivum</i>). <i>Cytology and Genetics</i> , 2020, 54, 271-282.	0.2	4
89	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, .	0.8	8
90	Genomic Study of COVID-19 Corona Virus Excludes Its Origin from Recombination or Characterized Biological Sources and Suggests a Role for HERVS in Its Wide Range Symptoms. <i>Cytology and Genetics</i> , 2020, 54, 588-604.	0.2	10

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91	Heat Shock Proteins Expression Is Regulated by Promoter CpG Methylation/demethylation under Heat Stress in Wheat Varieties. Pakistan Journal of Biological Sciences, 2020, 23, 1310-1320.	0.2	4
92	Isolation of Antimicrobials from Native Plants of Taif Governorate. Cytology and Genetics, 2019, 53, 250-260.	0.2	0
93	Gene Expression Profiling during Life Cycle of Potato (<i>Solanum tuberosum</i>) Tubers by Microarray. Cytology and Genetics, 2019, 53, 76-85.	0.2	2
94	Functional Analysis of SBPase Gene Promoter in Transgenic Wheat under Abiotic Stresses. Biotechnology, 2018, 18, 15-23.	0.5	4
95	Expression Profile of Wheat DNA Methyltransferases Genes in Egyptian Wheat (<i>Triticum Aestivum</i>) Varieties Under PEG Induced Dehydration. Alexandria Science Exchange, 2018, 39, 695-701.	0.0	1
96	Defens in gene expression in some plant sources of Taif. Genetika, 2016, 48, 9-24.	0.1	0
97	Anti-obesity effects of Taif and Egyptian pomegranates: molecular study. Bioscience, Biotechnology and Biochemistry, 2015, 79, 598-609.	0.6	26
98	ANTIOXIDANT AND ANTIMUTAGENIC ACTIVITIES OF TAIF GRAPE (<i>VITIS VINIFERA</i>) CULTIVARS. American Journal of Biochemistry and Biotechnology, 2013, 9, 102-117.	0.1	8
99	ENHANCEMENT OF NUTRITIONAL QUALITY OF WHEAT (<i>TRITICUM AESTIVUM</i>) BY METABOLIC ENGINEERING OF ISOFLAVONE PATHWAY. American Journal of Biochemistry and Biotechnology, 2013, 9, 404-414.	0.1	4
100	Genetic Fingerprinting of Wheat and Its Progenitors by Mitochondrial Gene orf256. Biomolecules, 2012, 2, 228-239.	1.8	3
101	Molecular and biological characterization of <i>Trichogramma turkestanica</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 503 Biotechnology, 2011, 10, 9467-9472.	0.3	7
102	Isolation and Sequence Analysis of Wheat Tissue-Specific cDNAs by Differential Display. Plant Molecular Biology Reporter, 2011, 29, 135-148.	1.0	20
103	<i>Lysobacter oryzae</i> sp. nov., isolated from the rhizosphere of rice (<i>Oryza sativa</i> L.). International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 675-680.	0.8	43
104	A chimeric open reading frame associated with cytoplasmic male sterility in alloplasmic wheat with <i>Triticum timopheevi</i> mitochondria is present in several <i>Triticum</i> and <i>Aegilops</i> species, barley, and rye. Current Genetics, 2002, 41, 357-366.	0.8	36