Abdelfattah Badr

List of Publications by Year in descending order

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Version: 2024-02-01

79 papers	2,075 citations	331670 21 h-index	254184 43 g-index
80 all docs	80 docs citations	80 times ranked	1958 citing authors

#	Article	IF	Citations
1	Ultrastructural and molecular implications of ecofriendly made silver nanoparticles treatments in pea (Pisum sativum L.). Journal of Genetic Engineering and Biotechnology, 2022, 20, 5.	3.3	13
2	Chromosomes as Sources of Taxonomic Information for Plant Systematics and Evolution. Taeckholmia, 2022, 41, 70-90.	0.3	1
3	Biodiversity of some Solanum species from southwestern Saudi Arabiaâ€™s highlands. Botany Letters, 2021, 168, 246-255.	1.4	6
4	Plant Responses to Induced Genotoxicity and Oxidative Stress by Chemicals. , 2021, , 103-131.		4
5	Efficacy of metal oxide nanoparticles as novel antimicrobial agents against multi-drug and multi-virulent Staphylococcus aureus isolates from retail raw chicken meat and giblets. International Journal of Food Microbiology, 2021, 344, 109116.	4.7	29
6	Studies on exogenous elicitors promotion of sulforaphane content in broccoli sprouts and its effect on the MDA-MB-231 breast cancer cell line. Annals of Agricultural Sciences, 2021, 66, 46-52.	2.9	7
7	Molecular Phylogeny of Trifolium L. Section Trifolium with Reference to Chromosome Number and Subsections Delimitation. Plants, 2021, 10, 1985.	3.5	4
8	Nanobiotechnological advancements in agriculture and food industry: Applications, nanotoxicity, and future perspectives. Science of the Total Environment, 2021, 792, 148359.	8.0	92
9	Genetic diversity of a global collection of maize genetic resources in relation to their subspecies assignments, geographic origin, and drought tolerance. Breeding Science, 2021, 71, 313-325.	1.9	7
10	Genetic diversity and volatile oil components variation in Achillea fragrantissima wild accessions and their regenerated genotypes. Journal of Genetic Engineering and Biotechnology, 2021, 19, 166.	3.3	6
11	Expression of OsDREB2A in Transgenic Tomato Improves Drought Tolerance. Romanian Biotechnological Letters, 2021, 26, 3145-3154.	0.5	0
12	Genetic diversity and population structure of the medicinal plant Achillea fragrantissima (Forssk.) Sch. Bip. in the mountains of South Sinai, Egypt. Plant Gene, 2020, 21, 100212.	2.3	5
13	Ecofriendly Synthesis of Silver Nanoparticles and Their Effects on Early Growth and Cell Division in Roots of Green Pea (Pisum sativumÂL.). Gesunde Pflanzen, 2020, 72, 113-127.	3.0	15
14	Genetic Diversity among Selected Medicago sativa Cultivars Using Inter-Retrotransposon-Amplified Polymorphism, Chloroplast DNA Barcodes and Morpho-Agronomic Trait Analyses. Plants, 2020, 9, 995.	3.5	11
15	Screening for Drought Tolerance in Maize (Zea mays L.) Germplasm Using Germination and Seedling Traits under Simulated Drought Conditions. Plants, 2020, 9, 565.	3.5	61
16	Role of Salicylic Acid in Biotic and Abiotic Stress Tolerance in Plants. , 2020, , 533-554.		17
17	Special issue in honour of Prof. Reto J. StrasserÂ-ÂComparative analysis of drought stress response of maize genotypes using chlorophyll fluorescence measurements and leaf relative water content. Photosynthetica, 2020, 58, 638-645.	1.7	50
18	Description of seed and pollen micromorphology and their taxonomic impact in some Solanum L. species. Taeckholmia, 2019, 39, 1-17.	0.3	1

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19	Three new records of Solanum species for the flora of Saudi Arabia. Feddes Repertorium, 2018, 129, 69-74.	0.5	2
20	Genetic Diversity of Colocynth (Citrullus colocynthis Schrader) Populations in the Eastern Desert of Egypt as Revealed by Morphological Variation and <scp>ISSR</scp> Polymorphism. Feddes Repertorium, 2018, 129, 173-184.	0.5	5
21	Cytogenetic Impact of Gamma Irradiation and its Effect on Growth and â€ŽYield of of Three Soybean Cultivars â€Ž. Egyptian Journal of Botany, 2018, .	0.2	2
22	Genetic differentiation in the medicinal plant Artemisia judaica L. populations in Saint-Catherine area, South Sinai, Egypt. Plant Gene, 2017, 12, 80-87.	2.3	4
23	Genetic diversity ofAchillea fragrantissimain Egypt inferred from phenotypic variations and ISSR markers associated with traits of plant size and seed yield. Plant Genetic Resources: Characterisation and Utilisation, 2017, 15, 239-247.	0.8	8
24	GC-MS Analysis of Ethanol Extract of Solanum Species and Populations from Saudi Arabia and their Systematics Implications. Egyptian Journal of Botany, 2017, .	0.2	2
25	Differential In vitro Direct Regeneration of Tomato Genotypes on Various Combinations of Growth Regulators. Biotechnology, 2017, 16, 155-164.	0.1	2
26	Improvement of Flax Drought Tolerance Using Gene Transfer. Plant Tissue Culture and Biotechnology, 2016, 26, 197-207.	0.2	6
27	Seed coat color, weight and eye pattern inheritance in gamma-rays induced cowpea M2-mutant line. Journal of Genetic Engineering and Biotechnology, 2016, 14, 61-68.	3.3	21
28	Comparative study of virulence factors among ESÎ²L-producing andnonproducing Pseudomonas aeruginosa clinical isolates. Turkish Journal of Medical Sciences, 2015, 45, 60-69.	0.9	39
29	Correlation between antibiotic resistance and virulence ofPseudomonas aeruginosa clinical isolates. Turkish Journal of Medical Sciences, 2015, 45, 568-577.	0.9	32
30	Genetic Diversity Among Populations of the Medicinal Plant Achillea fragrantissima (Asteraceae) in Egypt. Egyptian Journal of Botany, 2015, 55, 61-78.	0.2	0
31	Relationships of <i>Astragalus</i> L. in section Sesamei based on morphological criteria and molecular markers. Bangladesh Journal of Plant Taxonomy, 2014, 21, 1-12.	0.2	0
32	Cytological Effects of Gamma Radiation and Its Impact on Growth and Yield of M1 and M2 Plants of Cowpea Cultivars. Cytologia, 2014, 79, 195-206.	0.6	12
33	Genetic diversity in Egyptian populations of Achillea santolina using morphological traits and ISSR markers. Taeckholmia, 2014, 34, 49-65.	0.3	3
34	Cytophysiological impacts of Metosulam herbicide on Vicia faba plants. Acta Physiologiae Plantarum, 2013, 35, 1933-1941.	2.1	18
35	Cytological and molecular consequences of wheat grain exposure to microwave radiations. Acta Botanica Hungarica, 2013, 55, 61-79.	0.3	1
36	Molecular approaches to origin, ancestry and domestication history of crop plants: Barley and clover as examples. Journal of Genetic Engineering and Biotechnology, 2012, 10, 1-12.	3.3	15

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37	Genetic diversity of Artemisia populations in central and north Saudi Arabia based on morphological variation and RAPD polymorphism. Plant Systematics and Evolution, 2012, 298, 871-886.	0.9	22
38	Genetic diversity in white clover and its progenitors as revealed by DNA fingerprinting. Biologia Plantarum, 2012, 56, 283-291.	1.9	3
39	Genetic diversity in Artemisia monosperma and Artemisia judaica populations in Egypt based on morphological, karyological and molecular variations. Journal of Medicinal Plants Research, 2012, 6, .	0.4	1
40	Floristic composition and vegetation analysis in Hail region north of central Saudi Arabia. Saudi Journal of Biological Sciences, 2010, 17, 119-128.	3.8	62
41	Regulation of Glutathione under Abiotic Stress in Mutant and Wild Type Arabidopsis thaliana*. Journal of Botany (Faisalabad), 2010, 5, 25-37.	0.8	0
42	Origin and ancestry of Egyptian clover (Trifolium alexandrinum L.) As revealed by AFLP markers. Genetic Resources and Crop Evolution, 2008, 55, 21-31.	1.6	21
43	Systematic Revision of Erodium species in Egypt as Reflected by Variation in Morphological Characters and Seed Protein Electrophoretic Profile. International Journal of Botany, 2008, 4, 225-230.	0.2	2
44	Characterization of the extracellular Î³-glutamyl transpeptidases, GGT1 and GGT2, in Arabidopsis. Plant Journal, 2007, 49, 865-877.	5.7	123
45	Karyotype Analysis and Systematic Relationships in the Egyptian Astragalus L. (Fabaceae). International Journal of Botany, 2007, 3, 147-159.	0.2	17
46	Determination of Functional Î³-GTase Genes and Investigation of the Biological Activity of Proteins in Arabidopsis thaliana at Different Stages of Growth. Pakistan Journal of Biological Sciences, 2007, 10, 294-301.	0.5	2
47	Cytogenetic Studies on Nine Genotypes of Phaseolus vulgaris L. Cultivated in Egypt in Relation to Zinc Efficiency. Pakistan Journal of Biological Sciences, 2007, 10, 4230-4235.	0.5	2
48	Relationships of Lupinus species based on variation in seed protein electrophoretic profiles. Taeckholmia, 2006, 26, 1-15.	0.3	3
49	Genetic Diversity among Ocimum Populations in Egypt as Reflected by Morphological, Seed Proteins and Isozyme Polymorphism. International Journal of Botany, 2006, 2, 261-269.	0.2	8
50	Regulation of Glutathione under Abiotic Stress in Mutant and Wild Type Arabidopsis thaliana. Journal of Botany (Faisalabad), 2006, 1, 6-18.	0.8	0
51	Construction of a Dehydrin Gene Cassette for Drought Tolerance from Wild Origin for Wheat Transformation. International Journal of Botany, 2005, 1, 175-182.	0.2	7
52	Genetic Diversity among Mentha Populations in Egypt as Reflected by Isozyme Polymorphism. International Journal of Botany, 2005, 1, 188-195.	0.2	7
53	Systematic relationships in Lathyrus sect. Lathyrus (Fabaceae) based on amplified fragment length polymorphism (AFLP) data. Canadian Journal of Botany, 2002, 80, 962-969.	1.1	34
54	Ancestors of white clover (Trifolium repens L.), as revealed by isozyme polymorphisms. Theoretical and Applied Genetics, 2002, 106, 143-148.	3.6	34

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55	Speciation and Species Separation inHordeumL. (Poaceae) Resolved by Discontinuous Molecular Markers. Plant Biology, 2002, 4, 567-575.	3.8	51
56	Molecular phylogeny of Old WorldTrifolium (Fabaceae), based on plastid and nuclear markers. Plant Systematics and Evolution, 2000, 224, 153-171.	0.9	39
57	On the Origin and Domestication History of Barley (Hordeum vulgare). Molecular Biology and Evolution, 2000, 17, 499-510.	8.9	521
58	Chromosomal Criteria and Taxonomic Relationships in the Solanaceae.. Cytologia, 1997, 62, 103-113.	0.6	31
59	Tissue Cultures of Phaseolus vulgaris L.. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 717-727.	0.0	1
60	Chromosomal Studies in the Egyptian Flora V. Chromosomal relationships in the genus Astragalus L. (Fabaceae) and their taxonomic inference.. Cytologia, 1996, 61, 105-111.	0.6	10
61	A nuclear gene of eubacterial origin in Euglena gracilis reflects cryptic endosymbioses during protist evolution.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 9122-9126.	7.1	173
62	Electrophoretic studies of seed proteins in relation to chromosomal criteria and the relationships of some taxa of Trifolium. Taxon, 1995, 44, 183-191.	0.7	32
63	Chloroplast DNA restriction site polymorphism inGenisteae (Leguminosae) suggests a common origin for European and American lupines. Plant Systematics and Evolution, 1994, 193, 95-106.	0.9	20
64	Electrophoretic analysis of the seed proteins of some species in genus Lotus With 4 Figures and one Table. Feddes Repertorium, 1993, 104, 251-257.	0.5	4
65	Cytotaxonomic relationships of some taxa of egyptian Allium L.. Cytologia, 1990, 55, 161-167.	0.6	3
66	Cytogenetic activities of some fungicides.. Cytologia, 1988, 53, 635-640.	0.6	10
67	Cytology and taxonomic relationships of some taxa in the genus Silene L.. Cytologia, 1987, 52, 63-68.	0.6	6
68	Nuclear DNA variation in relation to cytological features of some species in the genus Plantago L.. Cytologia, 1987, 52, 733-737.	0.6	10
69	Effect of herbicide glean on mitosis, chromosomes and nucleic acids in Allium cepa and Vicia faba root meristems.. Cytologia, 1987, 52, 293-302.	0.6	67
70	Chromosomal studies in the Egyptian flora. II. Karyotype studies in the genus Plantaga L.. Cytologia, 1987, 52, 725-731.	0.6	15
71	Effect of the herbicide terbutryn on meiosis, yield and mitotic chromosomes in C2 plants ofVicia faba L.. Biologia Plantarum, 1987, 29, 70-72.	1.9	2
72	Effects of the s-triazine herbicide turbutryn on mitosis, chromosomes and nucleic acids in root tips of Vicia faba.. Cytologia, 1986, 51, 571-577.	0.6	37

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73	Giemsa C-banded karyotypes and taxonomic relationships of some North AmericanAllium species and their relationship to Old World species (Liliaceae). Plant Systematics and Evolution, 1984, 144, 17-24.	0.9	6
74	Cytogenetic activities of a triazine herbicide in root tips of Allium cepa and Vicia faba. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1983, 117, 173-182.	1.2	61
75	Mitodepressive and chromotoxic activities of two herbicides in Allium cepa.. Cytologia, 1983, 48, 451-457.	0.6	59
76	Antimitotic and chromotoxic activities of isoproturon in Allium cepa and Hordeum vulgare. Environmental and Experimental Botany, 1982, 22, 265-270.	4.2	24
77	Cytogenetic activities of 3 sulphonamides. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1982, 104, 95-100.	1.1	10
78	NUMERICAL TAXONOMY OF SPECIES IN ALLIUM SUBGENUS MOLIUM. New Phytologist, 1978, 81, 401-417.	7.3	12
79	Variation of Giemsa C-band and fluorochrome banded karyotypes, and relationships inAllium subgen.Molium. Plant Systematics and Evolution, 1977, 128, 23-35.	0.9	19