

Mohamed A M Atia

List of Publications by Year in descending order

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39
papers

901
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567281

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citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Silico</i> Targeting Human Multidrug Transporter ABCG2 in Breast Cancer: Database Screening, Molecular Docking, and Molecular Dynamics Study. <i>Molecular Informatics</i> , 2022, 41, e2060039.	2.5	21
2	Towards Better Grafting: SCoT and CDDP Analyses for Prediction of the Tomato Rootstocks Performance under Drought Stress. <i>Agronomy</i> , 2022, 12, 153.	3.0	14
3	Mitigation of Salinity Stress Effects on Broad Bean Productivity Using Calcium Phosphate Nanoparticles Application. <i>Horticulturae</i> , 2022, 8, 75.	2.8	29
4	Exploring Toxins for Hunting SARS-CoV-2 Main Protease Inhibitors: Molecular Docking, Molecular Dynamics, Pharmacokinetic Properties, and Reactome Study. <i>Pharmaceuticals</i> , 2022, 15, 153.	3.8	13
5	Nano-insecticides against the black cutworm <i>Agrotis ipsilon</i> (Lepidoptera: Noctuidae): Toxicity, development, enzyme activity, and DNA mutagenicity. <i>PLoS ONE</i> , 2022, 17, e0254285.	2.5	17
6	Naturally occurring plant-based anticancerous candidates as prospective ABCG2 inhibitors: an <i>in silico</i> drug discovery study. <i>Molecular Diversity</i> , 2022, 26, 3255-3277.	3.9	9
7	Plant cell cultures: An enzymatic tool for polyphenolic and flavonoid transformations. <i>Phytomedicine</i> , 2022, 100, 154019.	5.3	4
8	Salt Priming as a Smart Approach to Mitigate Salt Stress in Faba Bean (<i>Vicia faba</i> L.). <i>Plants</i> , 2022, 11, 1610.	3.5	4
9	Two novel oxetane containing lignans and a new megastigmane from <i>Paronychia arabica</i> and <i>in silico</i> analysis of them as prospective SARS-CoV-2 inhibitors. <i>RSC Advances</i> , 2021, 11, 20151-20163.	3.6	9
10	Evaluation of genetic variability and relatedness among eight <i>Centaurea</i> species through CAAT-box derived polymorphism (CBDP) and start codon targeted polymorphism (SCoT) markers. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 1230-1237.	1.3	7
11	Comparative Study on the Essential Oils from Five Wild Egyptian <i>Centaurea</i> Species: Effective Extraction Techniques, Antimicrobial Activity and <i>In-Silico</i> Analyses. <i>Antibiotics</i> , 2021, 10, 252.	3.7	19
12	<i>In Silico</i> Mining of Terpenes from Red-Sea Invertebrates for SARS-CoV-2 Main Protease (Mpro) Inhibitors. <i>Molecules</i> , 2021, 26, 2082.	3.8	39
13	Agronomical, physiological and molecular evaluation reveals superior salt-tolerance in bread wheat through salt-induced priming approach. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12310.	1.1	17
14	Prospective Drug Candidates as Human Multidrug Transporter ABCG2 Inhibitors: an <i>In Silico</i> Drug Discovery Study. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 189-200.	1.8	16
15	Rutin and flavone analogs as prospective SARS-CoV-2 main protease inhibitors: <i>In silico</i> drug discovery study. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 105, 107904.	2.4	49
16	Mining of Leaf Rust Resistance Genes Content in Egyptian Bread Wheat Collection. <i>Plants</i> , 2021, 10, 1378.	3.5	10
17	Blue Biotechnology: Computational Screening of Sarcophyton Cembranoid Diterpenes for SARS-CoV-2 Main Protease Inhibition. <i>Marine Drugs</i> , 2021, 19, 391.	4.6	22
18	Non- β -Lactam Allosteric Inhibitors Target Methicillin-Resistant <i>Staphylococcus aureus</i> : An <i>In Silico</i> Drug Discovery Study. <i>Antibiotics</i> , 2021, 10, 934.	3.7	21

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19	Effect of New Pre-Emergence Herbicides on Quality and Yield of Potato and Its Associated Weeds. Sustainability, 2021, 13, 9796.	3.2	16
20	Gastroprotection against Rat Ulcers by Nephthea Sterol Derivative. Biomolecules, 2021, 11, 1247.	4.0	6
21	Lepidium sativum Secondary Metabolites (Essential Oils): In Vitro and In Silico Studies on Human Hepatocellular Carcinoma Cell Lines. Plants, 2021, 10, 1863.	3.5	4
22	Unravelling the Role of Piriformospora indica in Combating Water Deficiency by Modulating Physiological Performance and Chlorophyll Metabolism-Related Genes in Cucumis sativus. Horticulturae, 2021, 7, 399.	2.8	11
23	PlantPathMarks (PPMdb): an interactive hub for pathways-based markers in plant genomes. Scientific Reports, 2021, 11, 21300.	3.3	4
24	Roles of Exogenous \pm -Lipoic Acid and Cysteine in Mitigation of Drought Stress and Restoration of Grain Quality in Wheat. Plants, 2021, 10, 2318.	3.5	24
25	Piriformospora indica promotes cucumber tolerance against Root-knot nematode by modulating photosynthesis and innate responsive genes. Saudi Journal of Biological Sciences, 2020, 27, 279-287.	3.8	40
26	Genetic Characterization, Agro-Morphological and Physiological Evaluation of Grafted Tomato under Salinity Stress Conditions. Agronomy, 2020, 10, 1948.	3.0	31
27	Gene-targeted molecular phylogeny, phytochemical profiling, and antioxidant activity of nine species belonging to family Cactaceae. Saudi Journal of Biological Sciences, 2020, 27, 1649-1658.	3.8	25
28	<i>Vf</i>ODB: a comprehensive database of ESTs, EST-SSRs, mtSSRs, microRNA-target markers and genetic maps in <i>Vicia faba</i>. AoB PLANTS, 2020, 12, plaa064.	2.3	12
29	Piriformospora indica alters Na ⁺ /K ⁺ homeostasis, antioxidant enzymes and LeNHX1 expression of greenhouse tomato grown under salt stress. Scientia Horticulturae, 2019, 256, 108532.	3.6	97
30	SSRome: an integrated database and pipelines for exploring microsatellites in all organisms. Nucleic Acids Research, 2019, 47, D244-D252.	14.5	26
31	Thermoprimering triggers splicing memory in Arabidopsis. Journal of Experimental Botany, 2018, 69, 2659-2675.	4.8	119
32	Development of Sex-Specific PCR-Based Markers in Date Palm. Methods in Molecular Biology, 2017, 1638, 227-244.	0.9	7
33	Date Palm Sex Differentiation Based on Fluorescence In Situ Hybridization (FISH). Methods in Molecular Biology, 2017, 1638, 245-256.	0.9	1
34	Assessing Date Palm Genetic Diversity Using Different Molecular Markers. Methods in Molecular Biology, 2017, 1638, 125-142.	0.9	12
35	Efficient CRISPR/Cas9-Mediated Genome Editing Using a Chimeric Single-Guide RNA Molecule. Frontiers in Plant Science, 2017, 8, 1441.	3.6	107
36	Genome-wide In Silico Analysis, Characterization and Identification of Microsatellites in Spodoptera littoralis Multiple nucleopolyhedrovirus (SpliMNPV). Scientific Reports, 2016, 6, 33741.	3.3	18

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37	Genetic diversity, variety identification and gene detection in some Egyptian grape varieties by SSR and SCoT markers. <i>Plant OMICS</i> , 2016, 9, 311-318.	0.4	15
38	Construction of genetic linkage map with chromosomal assignment and quantitative trait loci associated with some important agronomic traits in cotton. <i>GM Crops and Food</i> , 2013, 4, 36-49.	3.8	4
39	Anti-androgenic potential of the fruit extracts of certain Egyptian <i>Sabal</i> species and their genetic variability studies: a metabolomic-molecular modeling approach. <i>Food and Function</i> , 0, , .	4.6	1