

# Mohamed A M Atia

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8359818/publications.pdf>

Version: 2024-02-01

39  
papers

901  
citations

567281

15  
h-index

501196

28  
g-index

40  
all docs

40  
docs citations

40  
times ranked

966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermopriming triggers splicing memory in Arabidopsis. <i>Journal of Experimental Botany</i> , 2018, 69, 2659-2675.	4.8	119
2	Efficient CRISPR/Cas9-Mediated Genome Editing Using a Chimeric Single-Guide RNA Molecule. <i>Frontiers in Plant Science</i> , 2017, 8, 1441.	3.6	107
3	<i>Piriformospora indica</i> alters Na <sup>+</sup> /K <sup>+</sup> homeostasis, antioxidant enzymes and LeNHX1 expression of greenhouse tomato grown under salt stress. <i>Scientia Horticulturae</i> , 2019, 256, 108532.	3.6	97
4	Rutin and flavone analogs as prospective SARS-CoV-2 main protease inhibitors: In silico drug discovery study. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 105, 107904.	2.4	49
5	<i>Piriformospora indica</i> promotes cucumber tolerance against Root-knot nematode by modulating photosynthesis and innate responsive genes. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 279-287.	3.8	40
6	In Silico Mining of Terpenes from Red-Sea Invertebrates for SARS-CoV-2 Main Protease (Mpro) Inhibitors. <i>Molecules</i> , 2021, 26, 2082.	3.8	39
7	Genetic Characterization, Agro-Morphological and Physiological Evaluation of Grafted Tomato under Salinity Stress Conditions. <i>Agronomy</i> , 2020, 10, 1948.	3.0	31
8	Mitigation of Salinity Stress Effects on Broad Bean Productivity Using Calcium Phosphate Nanoparticles Application. <i>Horticulturae</i> , 2022, 8, 75.	2.8	29
9	SSRome: an integrated database and pipelines for exploring microsatellites in all organisms. <i>Nucleic Acids Research</i> , 2019, 47, D244-D252.	14.5	26
10	Gene-targeted molecular phylogeny, phytochemical profiling, and antioxidant activity of nine species belonging to family Cactaceae. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1649-1658.	3.8	25
11	Roles of Exogenous $\hat{\pm}$ -Lipoic Acid and Cysteine in Mitigation of Drought Stress and Restoration of Grain Quality in Wheat. <i>Plants</i> , 2021, 10, 2318.	3.5	24
12	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
13	Non- $\hat{2}$ -Lactam Allosteric Inhibitors Target Methicillin-Resistant <i>Staphylococcus aureus</i> : An In Silico Drug Discovery Study. <i>Antibiotics</i> , 2021, 10, 934.	3.7	21
14	<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
15	Comparative Study on the Essential Oils from Five Wild Egyptian Centaurea Species: Effective Extraction Techniques, Antimicrobial Activity and In-Silico Analyses. <i>Antibiotics</i> , 2021, 10, 252.	3.7	19
16	Genome-wide In Silico Analysis, Characterization and Identification of Microsatellites in <i>Spodoptera littoralis</i> Multiple nucleopolyhedrovirus (SpliMNPV). <i>Scientific Reports</i> , 2016, 6, 33741.	3.3	18
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Prospective Drug Candidates as Human Multidrug Transporter ABCG2 Inhibitors: an In Silico Drug Discovery Study. <i>Cell Biochemistry and Biophysics</i> , 2021, 79, 189-200.	1.8	16
20	Effect of New Pre-Emergence Herbicides on Quality and Yield of Potato and Its Associated Weeds. <i>Sustainability</i> , 2021, 13, 9796.	3.2	16
21	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
22	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
23	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
24	Assessing Date Palm Genetic Diversity Using Different Molecular Markers. <i>Methods in Molecular Biology</i> , 2017, 1638, 125-142.	0.9	12
25	<i>Vf</i>ODB: a comprehensive database of ESTs, EST-SSRs, mtSSRs, microRNA-target markers and genetic maps in <i>Vicia faba</i>. <i>AoB PLANTS</i> , 2020, 12, plaa064.	2.3	12
26	Unravelling the Role of Piriformospora indica in Combating Water Deficiency by Modulating Physiological Performance and Chlorophyll Metabolism-Related Genes in Cucumis sativus. <i>Horticulturae</i> , 2021, 7, 399.	2.8	11
27	Mining of Leaf Rust Resistance Genes Content in Egyptian Bread Wheat Collection. <i>Plants</i> , 2021, 10, 1378.	3.5	10
28	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
29	Naturally occurring plant-based anticancerous candidates as prospective ABCG2 inhibitors: an in silico drug discovery study. <i>Molecular Diversity</i> , 2022, 26, 3255-3277.	3.9	9
30	Development of Sex-Specific PCR-Based Markers in Date Palm. <i>Methods in Molecular Biology</i> , 2017, 1638, 227-244.	0.9	7
31	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
32	Gastroprotection against Rat Ulcers by Nephthea Sterol Derivative. <i>Biomolecules</i> , 2021, 11, 1247.	4.0	6
33	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
34	Lepidium sativum Secondary Metabolites (Essential Oils): In Vitro and In Silico Studies on Human Hepatocellular Carcinoma Cell Lines. <i>Plants</i> , 2021, 10, 1863.	3.5	4
35	PlantPathMarks (PPMdb): an interactive hub for pathways-based markers in plant genomes. <i>Scientific Reports</i> , 2021, 11, 21300.	3.3	4
36	Plant cell cultures: An enzymatic tool for polyphenolic and flavonoid transformations. <i>Phytomedicine</i> , 2022, 100, 154019.	5.3	4

#	ARTICLE	IF	CITATIONS
37	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
38	Date Palm Sex Differentiation Based on Fluorescence In Situ Hybridization (FISH). <i>Methods in Molecular Biology</i> , 2017, 1638, 245-256.	0.9	1
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