

# Jamal S M Sabir

## List of Publications by Year in descending order

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53  
papers

2,047  
citations

279487

23  
h-index

264894

42  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2926  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Earth BioGenome Project 2020: Starting the clock. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	124
2	Phytochemical Screening of Rosmarinus officinalis L. as a Potential Anticholinesterase and Antioxidantâ€“Medicinal Plant for Cognitive Decline Disorders. Plants, 2022, 11, 514.	1.6	16
3	Potential Antiviral Activity of Lactiplantibacillus plantarum KAU007 against Influenza Virus H1N1. Vaccines, 2022, 10, 456.	2.1	6
4	Antidepressant-Like Effect of Traditional Medicinal Plant Carthamus Tinctorius in Mice Model through Neuro-Behavioral Tests and Transcriptomic Approach. Applied Sciences (Switzerland), 2022, 12, 5594.	1.3	2
5	Triazole Derivatives Target 14Î±â€“Demethylase (LDM) Enzyme in Candida albicans Causing Ergosterol Biosynthesis Inhibition. Journal of Fungi (Basel, Switzerland), 2022, 8, 688.	1.5	4
6	Dual role of histone variant H3.3B in spermatogenesis: positive regulation of piRNA transcription and implication in X-chromosome inactivation. Nucleic Acids Research, 2022, 50, 7350-7366.	6.5	5
7	CRISPR-based systems for sensitive and rapid on-site COVID-19 diagnostics. Trends in Biotechnology, 2022, 40, 1346-1360.	4.9	16
8	Combination Effect of Novel Bimetallic Ag-Ni Nanoparticles with Fluconazole against Candida albicans. Journal of Fungi (Basel, Switzerland), 2022, 8, 733.	1.5	20
9	Phytogetic Fabrication of Agâ€“Fe Bimetallic Nanoparticles for Cell Cycle Arrest and Apoptosis Signaling Pathways in Candida auris by Generating Oxidative Stress. Antioxidants, 2021, 10, 182.	2.2	23
10	Attitudes Toward Psychological Disorders and Alternative Medicine in Saudi Participants. Frontiers in Psychiatry, 2021, 12, 577103.	1.3	3
11	Genome-Driven Discovery of Enzymes with Industrial Implications from the Genus Aneurinibacillus. Microorganisms, 2021, 9, 499.	1.6	9
12	Multigene phylogenetic data place monoraphid diatoms Schizostauron and Astartiella along with other fistulâ€“bearing genera in the Stauroneidaceae 1. Journal of Phycology, 2021, 57, 1472-1491.	1.0	5
13	Potential Adjuvant Therapeutic Effect of Lactobacillus plantarum Probio-88 Postbiotics against SARS-COV-2. Vaccines, 2021, 9, 1067.	2.1	29
14	Facile Bio-Fabrication of Ag-Cu-Co Trimetallic Nanoparticles and Its Fungicidal Activity against Candida auris. Journal of Fungi (Basel, Switzerland), 2021, 7, 62.	1.5	37
15	Biogenic ZnO Nanoparticles Synthesized from Origanum vulgare Abrogates Quorum Sensing and Biofilm Formation in Opportunistic Pathogen Chromobacterium violaceum. Pharmaceutics, 2021, 13, 1743.	2.0	13
16	Mitochondrial and Plastid Genomes of the Monoraphid Diatom Schizostauron trachyderma. International Journal of Molecular Sciences, 2021, 22, 11139.	1.8	5
17	Beta vulgaris Assisted Fabrication of Novel Ag-Cu Bimetallic Nanoparticles for Growth Inhibition and Virulence in Candida albicans. Pharmaceutics, 2021, 13, 1957.	2.0	12
18	Molecular Modeling of Chemosensory Protein 3 from Spodoptera litura and Its Binding Property with Plant Defensive Metabolites. International Journal of Molecular Sciences, 2020, 21, 4073.	1.8	13

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19	Development of an effective contemporary trivalent avian influenza vaccine against circulating H5N1, H5N8, and H9N2 in Egypt. <i>Poultry Science</i> , 2019, 98, 6289-6295.	1.5	9
20	Vaccine against Middle East respiratory syndrome coronavirus. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 1053-1054.	4.6	4
21	Identification of key regulatory genes connected to NF- $\kappa$ B family of proteins in visceral adipose tissues using gene expression and weighted protein interaction network. <i>PLoS ONE</i> , 2019, 14, e0214337.	1.1	23
22	<i>ACE</i> insertion/deletion genetic polymorphism, serum <i>ACE</i> levels and high dietary salt intake influence the risk of obesity development among the Saudi adult population. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2019, 20, 147032031987094.	1.0	9
23	Dissecting the Role of NF- $\kappa$ B Protein Family and Its Regulators in Rheumatoid Arthritis Using Weighted Gene Co-Expression Network. <i>Frontiers in Genetics</i> , 2019, 10, 1163.	1.1	18
24	Evolution of the Plastid Genomes in Diatoms. <i>Advances in Botanical Research</i> , 2018, 85, 129-155.	0.5	51
25	Anti-bacterial activity of <i>Ricinus communis</i> L. against bacterial pathogens <i>Escherichia coli</i> and <i>Klebsiella oxytoca</i> as evaluated by Transmission electron microscopy. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 686-691.	0.5	3
26	Efficacy of commercial vaccines against newly emerging avian influenza H5N8 virus in Egypt. <i>Scientific Reports</i> , 2018, 8, 9697.	1.6	36
27	Insect diversity in the Saharo-Arabian region: Revealing a little-studied fauna by DNA barcoding. <i>PLoS ONE</i> , 2018, 13, e0199965.	1.1	21
28	Phylogenetic analysis and a review of the history of the accidental phytoplankter, <i>Phaeodactylum tricornutum</i> Bohlin (Bacillariophyta). <i>PLoS ONE</i> , 2018, 13, e0196744.	1.1	17
29	Recombination-independent replication and gene conversion homogenize repeat sequences and diversify plastid genome structure. <i>American Journal of Botany</i> , 2017, 104, 559-572.	0.8	86
30	Plastome-Wide Nucleotide Substitution Rates Reveal Accelerated Rates in Papilionoideae and Correlations with Genome Features Across Legume Subfamilies. <i>Journal of Molecular Evolution</i> , 2017, 84, 187-203.	0.8	45
31	Cheminformatics studies to analyze the therapeutic potential of phytochemicals from <i>Rhazya stricta</i> . <i>Chemistry Central Journal</i> , 2017, 11, 11.	2.6	10
32	Replication of GWAS loci revealed the moderate effect of <i>TNRC6B</i> locus on susceptibility of Saudi women to develop uterine leiomyomas. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 330-338.	0.6	18
33	Plastome Sequencing of Ten Nonmodel Crop Species Uncovers a Large Insertion of Mitochondrial DNA in Cashew. <i>Plant Genome</i> , 2017, 10, plantgenome2017.03.0020.	1.6	56
34	Contrasting Patterns of Nucleotide Substitution Rates Provide Insight into Dynamic Evolution of Plastid and Mitochondrial Genomes of <i>Geranium</i> . <i>Genome Biology and Evolution</i> , 2017, 9, 1766-1780.	1.1	62
35	Transcriptomic and metabolic responses of <i>Calotropis procera</i> to salt and drought stress. <i>BMC Plant Biology</i> , 2017, 17, 231.	1.6	30
36	Transcriptomic analysis of salt stress responsive genes in <i>Rhazya stricta</i> . <i>PLoS ONE</i> , 2017, 12, e0177589.	1.1	27

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37	Divergence of RNA polymerase $\beta$ subunits in angiosperm plastid genomes is mediated by genomic rearrangement. <i>Scientific Reports</i> , 2016, 6, 24595.	1.6	47
38	Multigene Assessment of Biodiversity of Diatom(Bacillariophyceae) Assemblages from the Littoral Zone of the Bohai and Yellow Seas in Yantai Region of Northeast China with some Remarks on Ubiquitous Taxa. <i>Journal of Coastal Research</i> , 2016, 74, 166-195.	0.1	32
39	The nuclear genome of <i>Rhazya stricta</i> and the evolution of alkaloid diversity in a medically relevant clade of Apocynaceae. <i>Scientific Reports</i> , 2016, 6, 33782.	1.6	26
40	Coevolution between Nuclear-Encoded DNA Replication, Recombination, and Repair Genes and Plastid Genome Complexity. <i>Genome Biology and Evolution</i> , 2016, 8, 622-634.	1.1	51
41	Co-circulation of three camel coronavirus species and recombination of MERS-CoVs in Saudi Arabia. <i>Science</i> , 2016, 351, 81-84.	6.0	365
42	Plastid genome sequences of legumes reveal parallel inversions and multiple losses of <i>rps16</i> in papilionoids. <i>Journal of Systematics and Evolution</i> , 2015, 53, 458-468.	1.6	125
43	Mimosoid legume plastome evolution: IR expansion, tandem repeat expansions and accelerated rate of evolution in <i>clpP</i> . <i>Scientific Reports</i> , 2015, 5, 16958.	1.6	125
44	Exploring the tertiary gene pool of bread wheat: sequence assembly and analysis of chromosome 5M <sup>g</sup> of <i>Aegilops geniculata</i> . <i>Plant Journal</i> , 2015, 84, 733-746.	2.8	48
45	Dynamic evolution of <i>Geranium</i> mitochondrial genomes through multiple horizontal and intracellular gene transfers. <i>New Phytologist</i> , 2015, 208, 570-583.	3.5	84
46	Draft Genome Sequence of <i>Bacillus</i> Species from the Rhizosphere of the Desert Plant <i>Rhazya stricta</i> . <i>Genome Announcements</i> , 2015, 3, .	0.8	7
47	Coordinated Rates of Evolution between Interacting Plastid and Nuclear Genes in Geraniaceae. <i>Plant Cell</i> , 2015, 27, 563-573.	3.1	57
48	A novel thiol-reductase activity of Arabidopsis YUC6 confers drought tolerance independently of auxin biosynthesis. <i>Nature Communications</i> , 2015, 6, 8041.	5.8	82
49	New Insights into Plagiogrammaceae (Bacillariophyta) Based on Multigene Phylogenies and Morphological Characteristics with the Description of a New Genus and Three New Species. <i>PLoS ONE</i> , 2015, 10, e0139300.	1.1	29
50	Retrotransposon-based molecular markers for assessment of genomic diversity. <i>Functional Plant Biology</i> , 2014, 41, 781.	1.1	13
51	Environmental stress activation of plant long-terminal repeat retrotransposons. <i>Functional Plant Biology</i> , 2014, 41, 557.	1.1	32
52	Enrichment of Refined Olive Oil with Palmitic and Docosahexaenoic Acids to Produce a Human Milk Fat Analogue. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2014, 91, 1377-1385.	0.8	25
53	Synthesis of Infant Formula Fat Analogs Enriched with DHA from Extra Virgin Olive Oil and Tripalmitin. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2013, 90, 1311-1318.	0.8	32