

Gamal H Osman

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

493
citations

933447

10
h-index

940533

16
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16
all docs

16
docs citations

16
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of three genomic DNA extraction methods to obtain high DNA quality from maize. <i>Plant Methods</i> , 2017, 13, 1.	4.3	280
2	<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
3	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
4	Development of transgenic wheat (<i>Triticum aestivum</i> L.) expressing avidin gene conferring resistance to stored product insects. <i>BMC Plant Biology</i> , 2015, 15, 183.	3.6	23
5	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
6	Construction, Expression and Evaluation of Recombinant VP2 Protein for serotype-independent Detection of FMDV Seropositive Animals in Egypt. <i>Scientific Reports</i> , 2019, 9, 10135.	3.3	18
7	Isolation, characterization, cloning and bioinformatics analysis of a novel receptor from black cut worm (<i>Agrotis ipsilon</i>) of <i>Bacillus thuringiensis</i> vip 3Aa toxins. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1078-1083.	3.8	15
8	An Acetylcholinesterase Inhibition-Based Biosensor for Aflatoxin B1 Detection Using Sodium Alginate as an Immobilization Matrix. <i>Toxins</i> , 2020, 12, 173.	3.4	13
9	Comparative Analyses of Four Chemicals Used to Control Black Mold Disease in Tomato and Its Effects on Defense Signaling Pathways, Productivity and Quality Traits. <i>Plants</i> , 2020, 9, 808.	3.5	11
10	Characterization, cloning, expression and bioassay of vip3 gene isolated from an Egyptian <i>Bacillus thuringiensis</i> against whiteflies. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1363-1367.	3.8	10
11	Utilization of a recombinant defensin from Maize (<i>Zea mays</i> L.) as a potential antimicrobial peptide. <i>AMB Express</i> , 2020, 10, 208.	3.0	9
12	First report of detection of the putative receptor of <i>Bacillus thuringiensis</i> toxin Vip3Aa from black cutworm (<i>Agrotis ipsilon</i>). <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 441-445.	3.8	8
13	Control of Δ^2 -sitosterol biosynthesis under light and watering in desert plant <i>Calotropis procera</i> . <i>Steroids</i> , 2019, 141, 1-8.	1.8	8
14	Phylogenetic relationships and DNA barcoding of nine endangered medicinal plant species endemic to Saint Katherine protectorate. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1919-1930.	3.8	7
15	High-Density SNP-Based Association Mapping of Seed Traits in Fenugreek Reveals Homology with Clover. <i>Genes</i> , 2020, 11, 893.	2.4	5
16	Impact Effect of Methyl Tertiary-Butyl Ether α -Twelve Months Vapor Inhalation Study in Rats. <i>Biology</i> , 2020, 9, 2.	2.8	3