

Noor Azmi Shaharuddin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7208702/publications.pdf>

Version: 2024-02-01

68
papers

1,097
citations

516710

16
h-index

454955

30
g-index

69
all docs

69
docs citations

69
times ranked

1556
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiatherosclerotic Effects of Plant Flavonoids. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	176
2	Role of ethylene and the APETALA 2/ethylene response factor superfamily in rice under various abiotic and biotic stress conditions. <i>Environmental and Experimental Botany</i> , 2017, 134, 33-44.	4.2	90
3	HMG-CoA reductase inhibitory activity and phytochemical investigation of <i>Basella alba</i> leaf extract as a treatment for hypercholesterolemia. <i>Drug Design, Development and Therapy</i> , 2015, 9, 509.	4.3	69
4	Exogenous proline significantly affects the plant growth and nitrogen assimilation enzymes activities in rice (<i>Oryza sativa</i>) under salt stress. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	49
5	Phytochemical Evaluation, Embryotoxicity, and Teratogenic Effects of <i>Curcuma longa</i> Extract on Zebrafish (<i>Danio rerio</i>). <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-10.	1.2	44
6	Towards a better understanding of <i>Artemisia vulgaris</i> : Botany, phytochemistry, pharmacological and biotechnological potential. <i>Food Research International</i> , 2018, 109, 403-415.	6.2	43
7	In vitro rice shoot apices as simple model to study the effect of NaCl and the potential of exogenous proline and glutathione in mitigating salinity stress. <i>Plant Growth Regulation</i> , 2015, 75, 771-781.	3.4	36
8	Anti-HMG-CoA Reductase, Antioxidant, and Anti-Inflammatory Activities of <i>Amaranthus viridis</i> Leaf Extract as a Potential Treatment for Hypercholesterolemia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-10.	1.2	33
9	A Critical Review of the Concept of Transgenic Plants: Insights into Pharmaceutical Biotechnology and Molecular Farming. <i>Current Issues in Molecular Biology</i> , 2016, 18, 21-42.	2.4	33
10	A simple 18S rDNA approach for the identification of cultured eukaryotic microalgae with an emphasis on primers. <i>Journal of Microbiological Methods</i> , 2020, 172, 105890.	1.6	27
11	The mechanism of graft transmission of sense and antisense gene silencing in tomato plants. <i>FEBS Letters</i> , 2006, 580, 6579-6586.	2.8	23
12	Oil Bioremediation in the Marine Environment of Antarctica: A Review and Bibliometric Keyword Cluster Analysis. <i>Microorganisms</i> , 2021, 9, 419.	3.6	20
13	Enhancing somatic embryogenesis of Malaysian rice cultivar MR219 using adjuvant materials in a high-efficiency protocol. <i>International Journal of Environmental Science and Technology</i> , 2017, 14, 1091-1108.	3.5	19
14	Assessment of Water Mimosa (<i>Neptunia oleracea</i> Lour.) Morphological, Physiological, and Removal Efficiency for Phytoremediation of Arsenic-Polluted Water. <i>Plants</i> , 2020, 9, 1500.	3.5	19
15	The Critical Studies of Fucoxanthin Research Trends from 1928 to June 2021: A Bibliometric Review. <i>Marine Drugs</i> , 2021, 19, 606.	4.6	19
16	Optimization of phenol degradation by Antarctic bacterium <i>Rhodococcus</i> sp.. <i>Antarctic Science</i> , 2020, 32, 486-495.	0.9	18
17	Bibliometric Analysis of Research on Diesel Pollution in Antarctica and a Review on Remediation Techniques. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1123.	2.5	17
18	Quantitative assessment of indica rice germination to hydropriming, hormonal priming and polyethylen glycol priming. <i>Chilean Journal of Agricultural Research</i> , 2016, 76, 392-400.	1.1	16

#	ARTICLE	IF	CITATIONS
19	Remediation of Pesticides by Microalgae as Feasible Approach in Agriculture: Bibliometric Strategies. <i>Agronomy</i> , 2022, 12, 117.	3.0	16
20	Potential Application of Algae in Biodegradation of Phenol: A Review and Bibliometric Study. <i>Plants</i> , 2021, 10, 2677.	3.5	16
21	Functional Characterization of Sesquiterpene Synthase from <i>Polygonum minus</i> . <i>Scientific World Journal</i> , The, 2014, 2014, 1-11.	2.1	15
22	Statistical Optimisation of Diesel Biodegradation at Low Temperatures by an Antarctic Marine Bacterial Consortium Isolated from Non-Contaminated Seawater. <i>Microorganisms</i> , 2021, 9, 1213.	3.6	15
23	Structure and Principal Components Analyses Reveal an Intervarietal Fusion in Malaysian Mistletoe Fig (<i>Ficus deltoidea</i> Jack) Populations. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14369-14394.	4.1	13
24	Characterization of promoter of EgPAL1, a novel PAL gene from the oil palm <i>Elaeis guineensis</i> Jacq.. <i>Plant Cell Reports</i> , 2018, 37, 265-278.	5.6	13
25	RNA-Seq analysis revealed genes associated with UV-induced cell necrosis through MAPK/TNF- α pathways in human dermal fibroblast cells as an inducer of premature photoaging. <i>Genomics</i> , 2020, 112, 484-493.	2.9	13
26	Statistical Optimisation of Phenol Degradation and Pathway Identification through Whole Genome Sequencing of the Cold-Adapted Antarctic Bacterium, <i>Rhodococcus</i> sp. Strain AQ5-07. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9363.	4.1	13
27	Optimization and maximization of hexavalent molybdenum reduction to Mo-blue by <i>Serratia</i> sp. strain MIE2 using response surface methodology. <i>Rendiconti Lincei</i> , 2016, 27, 697-709.	2.2	12
28	The Prospect of Physiological Events Associated with the Micropropagation of <i>Eucalyptus</i> sp.. <i>Forests</i> , 2020, 11, 1211.	2.1	12
29	Diesel in Antarctica and a Bibliometric Study on Its Indigenous Microorganisms as Remediation Agent. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1512.	2.6	12
30	Toward a Better Understanding of Metal Nanoparticles, a Novel Strategy from <i>Eucalyptus</i> Plants. <i>Plants</i> , 2021, 10, 929.	3.5	12
31	Induction, Multiplication, and Evaluation of Antioxidant Activity of <i>Polyalthia bullata</i> Callus, a Woody Medicinal Plant. <i>Plants</i> , 2020, 9, 1772.	3.5	11
32	A Review and Bibliometric Analysis on Applications of Microbial Degradation of Hydrocarbon Contaminants in Arctic Marine Environment at Metagenomic and Enzymatic Levels. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1671.	2.6	11
33	Statistical optimisation for enhancement of phenol biodegradation by the Antarctic soil bacterium <i>Arthrobacter</i> sp. strain AQ5-15 using response surface methodology. <i>Journal of Environmental Biology</i> , 2020, 41, 1560-1569.	0.5	11
34	Uncovering Research Trends of Phycobiliproteins Using Bibliometric Approach. <i>Plants</i> , 2021, 10, 2358.	3.5	11
35	Rice Straw as a Natural Sorbent in a Filter System as an Approach to Bioremediate Diesel Pollution. <i>Water (Switzerland)</i> , 2021, 13, 3317.	2.7	11
36	Molecular cloning and expression analysis of <i>Ganoderma boninense</i> cyclophilins at different growth and infection stages. <i>Physiological and Molecular Plant Pathology</i> , 2017, 99, 31-40.	2.5	9

#	ARTICLE	IF	CITATIONS
37	Mini review on phenol biodegradation in Antarctica using native microorganisms. Asia-Pacific Journal of Molecular Biology and Biotechnology, 0, , 77-89.	0.1	9
38	Identification and expression profiling of a novel Kunitz trypsin inhibitor (KTI) gene from turmeric, <i>Curcuma longa</i> , by real-time quantitative PCR (RT-qPCR). Acta Physiologiae Plantarum, 2017, 39, 1.	2.1	7
39	GCTTCA as a novel motif for regulating mesocarp-specific expression of the oil palm (<i>Elaeis guineensis</i>) Tj ETQq1 1 0.784314 fgBT /Ov 5.6	0.6	7
40	Optimisation of Various Physicochemical Variables Affecting Molybdenum Bioremediation Using Antarctic Bacterium, <i>Arthrobacter</i> sp. Strain AQ5-05. Water (Switzerland), 2021, 13, 2367.	2.7	7
41	Coco Peat as Agricultural Waste Sorbent for Sustainable Diesel-Filter System. Plants, 2021, 10, 2468.	3.5	7
42	Molecular Cloning and Characterization of Novel Phytocystatin Gene from Turmeric, <i>Curcuma longa</i> . BioMed Research International, 2014, 2014, 1-9.	1.9	6
43	Prolonged incubation of callus on auxin herbicide 2,4-D displayed significant effect on alkaloid production in callus of the woody medicinal plant <i>Polyalthia bullata</i> . In Vitro Cellular and Developmental Biology - Plant, 2021, 57, 749-759.	2.1	6
44	Application of Cogon Grass (<i>Imperata cylindrica</i>) as Biosorbent in Diesel-Filter System for Oil Spill Removal. Agronomy, 2021, 11, 2273.	3.0	6
45	EgJUB1 and EgERF113 transcription factors as potential master regulators of defense response in <i>Elaeis guineensis</i> against the hemibiotrophic <i>Ganoderma boninense</i> . BMC Plant Biology, 2021, 21, 59.	3.6	5
46	The Dynamic Responses of Oil Palm Leaf and Root Metabolome to Phosphorus Deficiency. Metabolites, 2021, 11, 217.	2.9	5
47	Effects of Diesel, Heavy Metals and Plastics Pollution on Penguins in Antarctica: A Review. Animals, 2021, 11, 2505.	2.3	5
48	Solvent extraction and its effect on phytochemical yield and antioxidant capacity of woody medicinal plant, <i>Polyalthia bullata</i> . BioResources, 2020, 15, 9555-9568.	1.0	5
49	Proteome of rice roots treated with exogenous proline. 3 Biotech, 2019, 9, 101.	2.2	4
50	Oil Palm's Empty Fruit Bunch as a Sorbent Material in Filter System for Oil-Spill Clean Up. Plants, 2022, 11, 127.	3.5	4
51	Statistical Assessment of Phenol Biodegradation by a Metal-Tolerant Binary Consortium of Indigenous Antarctic Bacteria. Diversity, 2021, 13, 643.	1.7	4
52	Modelling the kinetics of hexavalent molybdenum (Mo6+) reduction by the <i>Serratia</i> sp. strain MIE2 in batch culture. Rendiconti Lincei, 2016, 27, 653-663.	2.2	3
53	Alternative Strategy in Crop Protection: Protease Inhibitors from Turmeric. , 2017, , 253-270.		3
54	Single nucleotide polymorphisms in oil palm HOMOGENISATE GERANYL-GERANYL TRANSFERASE promoter for species differentiation and TOCOTRIENOL improvement. Meta Gene, 2021, 27, 100818.	0.6	3

#	ARTICLE	IF	CITATIONS
55	Efficient protocol improved the yield and viability of oil palm protoplasts isolated from in vitro leaf and mesocarp. <i>Scientia Horticulturae</i> , 2021, 290, 110522.	3.6	3
56	HIGH-FREQUENCY INDUCTION OF MULTIPLE SHOOTS AND PLANT REGENERATION FROM COTYLEDONARY NODE EXPLANTS OF TONGKAT ALI (<i>EURYCOMA LONGIFOLIA</i> JACK). <i>Applied Ecology and Environmental Research</i> , 2020, 18, 6321-6333.	0.5	3
57	Effect of Yellowstripe scad (<i>Selaroides leptolepis</i>) protein hydrolysate in the reduction of oil uptake in deep-fried squid. <i>Food Research</i> , 2020, 4, 1929-1936.	0.8	3
58	Effects of benzyladenine purine and its interaction with polyamines on growth of <i>Spathoglottis plicata</i> PLBs. <i>Turkish Journal of Botany</i> , 2015, 39, 245-252.	1.2	2
59	Establishment of an efficient in vitro regeneration and <i>Agrobacterium rhizogenes</i> -mediated genetic transformation protocol for safed musli (<i>Chlorophytum borivillianum</i> Santapau & R.R.Fern.). <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2017, 53, 571-578.	2.1	2
60	Somatic Embryogenesis and Subsequent Plant Regeneration from Zygotic Embryo Derived Callus of Rubber (<i>Hevea brasiliensis</i> Muell. Arg).. <i>Plant Tissue Culture and Biotechnology</i> , 2017, 27, 51-61.	0.2	2
61	Evaluation of transient DsRED gene expression in oil palm embryogenic calli. <i>Scientia Horticulturae</i> , 2019, 257, 108679.	3.6	2
62	Scientometric Analysis of Diesel Pollutions in Antarctic Territories: A Review of Causes and Potential Bioremediation Approaches. <i>Sustainability</i> , 2021, 13, 7064.	3.2	2
63	Identification of Oil Palm's Consistently Upregulated Genes during Early Infections of <i>Ganoderma boninense</i> via RNA-Seq Technology and Real-Time Quantitative PCR. <i>Plants</i> , 2021, 10, 2026.	3.5	2
64	Utilisation of Oil Palm's Empty Fruit Bunch Spikelets for Oil-Spill Removal. <i>Agronomy</i> , 2022, 12, 535.	3.0	2
65	USING MANNOSE AS A POSITIVE SELECTION OF TRANSFORMED <i>CARICA PAPAYA</i> L. VAR 'EKSOTIKA'. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, .	0.4	1
66	Molecular cloning and characterization of a cDNA encoding a polyketide synthase from <i>Melastoma decemfidum</i> . <i>Biologia (Poland)</i> , 2014, 69, 1482-1491.	1.5	0
67	RNA-sequencing of methyl-jasmonate treated turmeric (<i>Curcuma longa</i>) reveals novel protease inhibitor transcripts. <i>South African Journal of Botany</i> , 2019, 123, 87-92.	2.5	0
68	A Recommendation for a Pre-Standardized Marine Microalgal Dry Weight Determination Protocol for Laboratory Scale Culture Using Ammonium Formate as a Washing Agent. <i>Biology</i> , 2021, 10, 799.	2.8	0