

Abdulsamie Hanano

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

384

citations

12

h-index

19

g-index

27

ext. papers

517

ext. citations

5.4

avg, IF

3.36

L-index

#	Paper	IF	Citations
26	Plant seed peroxygenase is an original heme-oxygenase with an EF-hand calcium binding motif. <i>Journal of Biological Chemistry</i> , 2006 , 281, 33140-51	5.4	107
25	The reductase activity of the Arabidopsis caleosin RESPONSIVE TO DESSICATION20 mediates gibberellin-dependent flowering time, abscisic acid sensitivity, and tolerance to oxidative stress. <i>Plant Physiology</i> , 2014 , 166, 109-24	6.6	40
24	Stereochemical features of the hydrolysis of 9,10-epoxystearic acid catalysed by plant and mammalian epoxide hydrolases. <i>Biochemical Journal</i> , 2002 , 366, 471-80	3.8	23
23	Differential tissue accumulation of 2,3,7,8-Tetrachlorinated dibenzo-p-dioxin in Arabidopsis thaliana affects plant chronology, lipid metabolism and seed yield. <i>BMC Plant Biology</i> , 2015 , 15, 193	5.3	19
22	Phytotoxicity effects and biological responses of Arabidopsis thaliana to 2,3,7,8-tetrachlorinated dibenzo-p-dioxin exposure. <i>Chemosphere</i> , 2014 , 104, 76-84	8.4	18
21	A Caleosin-Like Protein with Peroxygenase Activity Mediates Aspergillus flavus Development, Aflatoxin Accumulation, and Seed Infection. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 6129-44	4.8	17
20	Traceability of polychlorinated dibenzo-dioxins/furans pollutants in soil and their ecotoxicological effects on genetics, functions and composition of bacterial community. <i>Chemosphere</i> , 2014 , 108, 326-33	8.4	17
19	Involvement of the caleosin/peroxygenase RD20 in the control of cell death during Arabidopsis responses to pathogens. <i>Plant Signaling and Behavior</i> , 2015 , 10, e991574	2.5	16
18	Saccharomyces cerevisiae SHSY detoxifies petroleum n-alkanes by an induced CYP52A58 and an enhanced order in cell surface hydrophobicity. <i>Chemosphere</i> , 2015 , 135, 418-26	8.4	13
17	Biochemical, Transcriptional, and Bioinformatic Analysis of Lipid Droplets from Seeds of Date Palm (Phoenix dactylifera L.) and Their Use as Potent Sequestration Agents against the Toxic Pollutant, 2,3,7,8-Tetrachlorinated Dibenzo-p-Dioxin. <i>Frontiers in Plant Science</i> , 2016 , 7, 836	6.2	13
16	Specific Caleosin/Peroxygenase and Lipoxygenase Activities Are Tissue-Differentially Expressed in Date Palm (L.) Seedlings and Are Further Induced Following Exposure to the Toxin 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Frontiers in Plant Science</i> , 2016 , 7, 2025	6.2	12
15	Evolutionary and genomic analysis of the caleosin/peroxygenase (CLO/PXG) gene/protein families in the Viridiplantae. <i>PLoS ONE</i> , 2018 , 13, e0196669	3.7	12
14	Identification of a dioxin-responsive oxylipin signature in roots of date palm: involvement of a 9-hydroperoxide fatty acid reductase, caleosin/peroxygenase PdPXG2. <i>Scientific Reports</i> , 2018 , 8, 13181	4.9	11
13	The Peroxygenase Activity of the Caleosin, AfPXG, Modulates the Biosynthesis of Aflatoxins and Their Trafficking and Extracellular Secretion via Lipid Droplets. <i>Frontiers in Microbiology</i> , 2018 , 9, 158	5.7	10
12	Arabidopsis plants exposed to dioxin result in a WRINKLED seed phenotype due to 20S proteasomal degradation of WR11. <i>Journal of Experimental Botany</i> , 2018 , 69, 1781-1794	7	8
11	Evolutionary, structural and functional analysis of the caleosin/peroxygenase gene family in the Fungi. <i>BMC Genomics</i> , 2018 , 19, 976	4.5	8
10	Silencing of Erwinia amylovora sy69 AHL-quorum sensing by a Bacillus simplex AHL-inducible aiiA gene encoding a zinc-dependent N-acyl-homoserine lactonase. <i>Plant Pathology</i> , 2014 , 63, 773-783	2.8	7

9	Biochemical, Molecular, and Transcriptional Highlights of the Biosynthesis of an Effective Biosurfactant Produced by PHA3, a Petroleum-Dwelling Bacteria. <i>Frontiers in Microbiology</i> , 2017 , 8, 77	5.7	7
8	The cytochrome P450 of <i>Bacillus megaterium</i> A14K is induced by 2,3,7,8-Tetrachlorinated dibenzo-p-dioxin: Biophysical, molecular and biochemical determinants. <i>Chemosphere</i> , 2019 , 216, 258-270	8.4	7
7	Exposure of NRRL 3357 to the Environmental Toxin, 2,3,7,8-Tetrachlorinated Dibenzo--Dioxin, Results in a Hyper Aflatoxicogenic Phenotype: A Possible Role for Caleosin/Peroxygenase (AfPXG). <i>Frontiers in Microbiology</i> , 2019 , 10, 2338	5.7	6
6	Removal of petroleum-crude oil from aqueous solution by <i>Saccharomyces cerevisiae</i> SHSY strain necessitates at least an inducible CYP450ALK homolog gene. <i>Journal of Basic Microbiology</i> , 2014 , 54, 358-68	2.7	6
5	Immuno-detection of dioxins using a recombinant protein of aryl hydrocarbon receptor (AhR) fused with sfGFP. <i>BMC Biotechnology</i> , 2016 , 16, 51	3.5	3
4	Involvement of hepatic lipid droplets and their associated proteins in the detoxification of aflatoxin B in aflatoxin-resistance BALB/C mouse. <i>Toxicology Reports</i> , 2020 , 7, 795-804	4.8	2
3	Dioxin impacts on lipid metabolism of soil microbes: towards effective detection and bioassessment strategies. <i>Bioresources and Bioprocessing</i> , 2020 , 7,	5.2	1
2	Functional involvement of caleosin/peroxygenase PdPXG4 in the accumulation of date palm leaf lipid droplets after exposure to dioxins. <i>Environmental Pollution</i> , 2021 , 281, 116966	9.3	1
1	Characterization of lipid droplets from a <i>Taxus media</i> cell suspension and their potential involvement in trafficking and secretion of paclitaxel.. <i>Plant Cell Reports</i> , 2022 , 1	5.1	0