

# Mussa Quareshy

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

550  
citations

687363

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713466

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times ranked

981  
citing authors

#	ARTICLE	IF	CITATIONS
1	Arabidopsis WRKY50 and TGA Transcription Factors Synergistically Activate Expression of PR1. <i>Frontiers in Plant Science</i> , 2018, 9, 930.	3.6	92
2	cis-Cinnamic Acid Is a Novel, Natural Auxin Efflux Inhibitor That Promotes Lateral Root Formation. <i>Plant Physiology</i> , 2017, 173, 552-565.	4.8	61
3	Beyond oil degradation: enzymatic potential of <i>Alcanivorax</i> to degrade natural and synthetic polyesters. <i>Environmental Microbiology</i> , 2020, 22, 1356-1369.	3.8	53
4	Jasmonic Acid Inhibits Auxin-Induced Lateral Rooting Independently of the CORONATINE INSENSITIVE1 Receptor. <i>Plant Physiology</i> , 2018, 177, 1704-1716.	4.8	48
5	A novel ATP dependent dimethylsulfoniopropionate lyase in bacteria that releases dimethyl sulfide and acryloyl-CoA. <i>ELife</i> , 2021, 10, .	6.0	38
6	A cheminformatics review of auxins as herbicides. <i>Journal of Experimental Botany</i> , 2018, 69, 265-275.	4.8	36
7	Methodological considerations for the identification of choline and carnitine-degrading bacteria in the gut. <i>Methods</i> , 2018, 149, 42-48.	3.8	34
8	Seedling developmental defects upon blocking CINNAMATE 4-HYDROXYLASE are caused by perturbations in auxin transport. <i>New Phytologist</i> , 2021, 230, 2275-2291.	7.3	27
9	Tomographic docking suggests the mechanism of auxin receptor TIR1 selectivity. <i>Open Biology</i> , 2016, 6, 160139.	3.6	24
10	Auxin molecular field maps define AUX1 selectivity: many auxin herbicides are not substrates. <i>New Phytologist</i> , 2018, 217, 1625-1639.	7.3	24
11	Pinstatic Acid Promotes Auxin Transport by Inhibiting PIN Internalization. <i>Plant Physiology</i> , 2019, 180, 1152-1165.	4.8	21
12	Structural basis of carnitine monooxygenase CntA substrate specificity, inhibition, and intersubunit electron transfer. <i>Journal of Biological Chemistry</i> , 2021, 296, 100038.	3.4	15
13	The allelochemical MDCA inhibits lignification and affects auxin homeostasis. <i>Plant Physiology</i> , 2016, 172, pp.01972.2015.	4.8	14
14	The Tetrazole Analogue of the Auxin Indole-3-acetic Acid Binds Preferentially to TIR1 and Not AFB5. <i>ACS Chemical Biology</i> , 2018, 13, 2585-2594.	3.4	13
15	Manganese Is Essential for PlcP Metallophosphoesterase Activity Involved in Lipid Remodeling in Abundant Marine Heterotrophic Bacteria. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	12
16	Light-Activated Electron Transfer and Catalytic Mechanism of Carnitine Oxidation by Rieske-Type Oxygenase from Human Microbiota. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4529-4534.	13.8	9
17	Assaying Auxin Receptor Activity Using SPR Assays with F-Box Proteins and Aux/IAA Degrons. <i>Methods in Molecular Biology</i> , 2017, 1497, 159-191.	0.9	9
18	A novel class of sulfur-containing aminolipids widespread in marine roseobacters. <i>ISME Journal</i> , 2021, 15, 2440-2453.	9.8	8

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19	The non-swapped monomeric structure of the arginine-binding protein from <i>Thermotoga maritima</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 707-713.	0.8	5
20	A Glycolipid Glycosyltransferase with Broad Substrate Specificity from the Marine Bacterium <i>Candidatus Pelagibacter</i> sp. Strain HTCC7211. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0032621.	3.1	2
21	Light-Activated Electron Transfer and Catalytic Mechanism of Carnitine Oxidation by Rieske-Type Oxygenase from Human Microbiota. <i>Angewandte Chemie</i> , 2021, 133, 4579-4584.	2.0	1