

Mussa Quareshy

List of Publications by Year in descending order

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21
papers

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687363

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | A novel class of sulfur-containing aminolipids widespread in marine roseobacters. <i>ISME Journal</i> , 2021, 15, 2440-2453. | 9.8 | 8 |
| 5 | 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 |
| 6 | A novel ATP dependent dimethylsulfoniopropionate lyase in bacteria that releases dimethyl sulfide and acryloyl-CoA. <i>ELife</i> , 2021, 10, . | 6.0 | 38 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | Pinstatic Acid Promotes Auxin Transport by Inhibiting PIN Internalization. <i>Plant Physiology</i> , 2019, 180, 1152-1165. | 4.8 | 21 |
| 11 | Auxin molecular field maps define <i>AUX1</i> selectivity: many auxin herbicides are not substrates. <i>New Phytologist</i> , 2018, 217, 1625-1639. | 7.3 | 24 |
| 12 | A cheminformatics review of auxins as herbicides. <i>Journal of Experimental Botany</i> , 2018, 69, 265-275. | 4.8 | 36 |
| 13 | Methodological considerations for the identification of choline and carnitine-degrading bacteria in the gut. <i>Methods</i> , 2018, 149, 42-48. | 3.8 | 34 |
| 14 | 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 |
| 15 | Jasmonic Acid Inhibits Auxin-Induced Lateral Rooting Independently of the CORONATINE INSENSITIVE1 Receptor. <i>Plant Physiology</i> , 2018, 177, 1704-1716. | 4.8 | 48 |
| 16 | Arabidopsis WRKY50 and TGA Transcription Factors Synergistically Activate Expression of PR1. <i>Frontiers in Plant Science</i> , 2018, 9, 930. | 3.6 | 92 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | The allelochemical MDCA inhibits lignification and affects auxin homeostasis. <i>Plant Physiology</i> , 2016, 172, pp.01972.2015. | 4.8 | 14 |
| 21 | Tomographic docking suggests the mechanism of auxin receptor TIR1 selectivity. <i>Open Biology</i> , 2016, 6, 160139. | 3.6 | 24 |