

Ioannis A Stringlis

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,584
citations

430754

18
h-index

713332

21
g-index

24
all docs

24
docs citations

24
times ranked

2868
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | MYB72-dependent coumarin exudation shapes root microbiome assembly to promote plant health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5213-E5222. | 3.3 | 608 |
| 2 | Modulation of the Root Microbiome by Plant Molecules: The Basis for Targeted Disease Suppression and Plant Growth Promotion. <i>Frontiers in Plant Science</i> , 2019, 10, 1741. | 1.7 | 354 |
| 3 | The Age of Coumarins in Plant-Microbe Interactions. <i>Plant and Cell Physiology</i> , 2019, 60, 1405-1419. | 1.5 | 241 |
| 4 | Root transcriptional dynamics induced by beneficial rhizobacteria and microbial immune elicitors reveal signatures of adaptation to mutualists. <i>Plant Journal</i> , 2018, 93, 166-180. | 2.8 | 191 |
| 5 | Unearthing the genomes of plant-beneficial <i>Pseudomonas</i> model strains WCS358, WCS374 and WCS417. <i>BMC Genomics</i> , 2015, 16, 539. | 1.2 | 184 |
| 6 | Iron and Immunity. <i>Annual Review of Phytopathology</i> , 2017, 55, 355-375. | 3.5 | 183 |
| 7 | Rhizosphere-Associated <i>Pseudomonas</i> Suppress Local Root Immune Responses by Gluconic Acid-Mediated Lowering of Environmental pH. <i>Current Biology</i> , 2019, 29, 3913-3920.e4. | 1.8 | 112 |
| 8 | Coumarin Communication Along the Microbiome-Root-Shoot Axis. <i>Trends in Plant Science</i> , 2021, 26, 169-183. | 4.3 | 107 |
| 9 | Microbial small molecules – weapons of plant subversion. <i>Natural Product Reports</i> , 2018, 35, 410-433. | 5.2 | 105 |
| 10 | Rhizosphere Microbiome Recruited from a Suppressive Compost Improves Plant Fitness and Increases Protection against Vascular Wilt Pathogens of Tomato. <i>Frontiers in Plant Science</i> , 2017, 8, 2022. | 1.7 | 82 |
| 11 | The Soil-Borne Identity and Microbiome-Assisted Agriculture: Looking Back to the Future. <i>Molecular Plant</i> , 2020, 13, 1394-1401. | 3.9 | 80 |
| 12 | Mode of action of a non-pathogenic <i>Fusarium oxysporum</i> strain against <i>Verticillium dahliae</i> using Real Time QPCR analysis and biomarker transformation. <i>Biological Control</i> , 2009, 50, 30-36. | 1.4 | 61 |
| 13 | <i>Pseudomonas simiae</i> WCS417: star track of a model beneficial rhizobacterium. <i>Plant and Soil</i> , 2021, 461, 245-263. | 1.8 | 53 |
| 14 | Rhizosphere-enriched microbes as a pool to design synthetic communities for reproducible beneficial outputs. <i>FEMS Microbiology Ecology</i> , 2019, 95, . | 1.3 | 50 |
| 15 | Molecular dialogue between arbuscular mycorrhizal fungi and the nonhost plant <i>Arabidopsis thaliana</i> switches from initial detection to antagonism. <i>New Phytologist</i> , 2019, 223, 867-881. | 3.5 | 49 |
| 16 | Type III Secretion System of Beneficial Rhizobacteria <i>Pseudomonas simiae</i> WCS417 and <i>Pseudomonas defensor</i> WCS374. <i>Frontiers in Microbiology</i> , 2019, 10, 1631. | 1.5 | 36 |
| 17 | Evaluation of application methods and biocontrol efficacy of <i>Paenibacillus alvei</i> strain K-165, against the cotton black root rot pathogen <i>Thielaviopsis basicola</i> . <i>Biological Control</i> , 2011, 58, 68-73. | 1.4 | 33 |
| 18 | Seedling vaccination by stem injecting a conidial suspension of F2, a non-pathogenic <i>Fusarium oxysporum</i> strain, suppresses <i>Verticillium</i> wilt of eggplant. <i>Biological Control</i> , 2011, 58, 387-392. | 1.4 | 22 |

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|----|--|-----|-----------|
| 19 | Transcriptome Signatures in <i>Pseudomonas simiae</i> WCS417 Shed Light on Role of Root-Secreted Coumarins in Arabidopsis-Mutualist Communication. <i>Microorganisms</i> , 2021, 9, 575. | 1.6 | 12 |
| 20 | Evolutionary "hide and seek" between bacterial flagellin and the plant immune system. <i>Cell Host and Microbe</i> , 2021, 29, 548-550. | 5.1 | 10 |
| 21 | Plant-Beneficial <i>Pseudomonas</i> Spp. Suppress Local Root Immune Responses by Gluconic Acid-Mediated Lowering of Environmental pH. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 5 |
| 22 | Editorial: Beneficial Microbiota Interacting With the Plant Immune System. <i>Frontiers in Plant Science</i> , 2021, 12, 698902. | 1.7 | 3 |