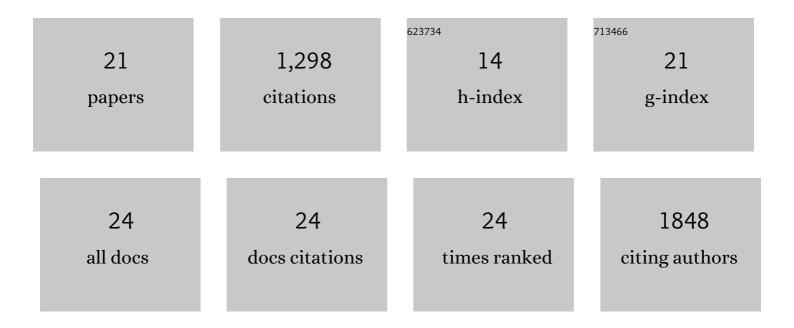
Thomas Gene Platt

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Microbial Population and Community Dynamics on Plant Roots and Their Feedbacks on Plant Communities. Annual Review of Microbiology, 2012, 66, 265-283. | 7.3 | 429 |
| 2 | Kin preference in a social microbe. Nature, 2006, 442, 881-882. | 27.8 | 186 |
| 3 | Kin competition and the evolution of cooperation. Trends in Ecology and Evolution, 2009, 24, 370-377. | 8.7 | 133 |
| 4 | What's in a name? The semantics of quorum sensing. Trends in Microbiology, 2010, 18, 383-387. | 7.7 | 105 |
| 5 | Evolution of the Insertion-Deletion Mutation Rate Across the Tree of Life. G3: Genes, Genomes, Genetics, 2016, 6, 2583-2591. | 1.8 | 89 |
| 6 | A cooperative virulence plasmid imposes a high fitness cost under conditions that induce pathogenesis. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1691-1699. | 2.6 | 56 |
| 7 | Ecological and evolutionary dynamics of a model facultative pathogen: <i>Agrobacterium</i> and crown gall disease of plants. Environmental Microbiology, 2018, 20, 16-29. | 3.8 | 54 |
| 8 | Ecological dynamics and complex interactions of Agrobacterium megaplasmids. Frontiers in Plant Science, 2014, 5, 635. | 3.6 | 36 |
| 9 | Non-additive costs and interactions alter the competitive dynamics of co-occurring ecologically distinct plasmids. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132173. | 2.6 | 30 |
| 10 | The queen is not a pacemaker in the small-colony wasps Polistes instabilis and P. dominulus. Animal Behaviour, 2006, 71, 1197-1203. | 1.9 | 27 |
| 11 | RESOURCE AND COMPETITIVE DYNAMICS SHAPE THE BENEFITS OF PUBLIC GOODS COOPERATION IN A PLANT PATHOGEN. Evolution; International Journal of Organic Evolution, 2012, 66, 1953-1965. | 2.3 | 24 |
| 12 | Aggression and worker control of caste fate in a multiple-queen wasp, Parachartergus colobopterus. Animal Behaviour, 2004, 67, 1-10. | 1.9 | 20 |
| 13 | On Demand Release and Retrieval of Bacteria from Microwell Arrays Using Photodegradable Hydrogel Membranes. ACS Applied Bio Materials, 2019, 2, 266-276. | 4.6 | 20 |
| 14 | Regulatory Linkages between Flagella and Surfactant during Swarming Behavior: Lubricating the Flagellar Propeller?. Journal of Bacteriology, 2012, 194, 1283-1286. | 2.2 | 15 |
| 15 | Simultaneous Discovery of Positive and Negative Interactions Among Rhizosphere Bacteria Using Microwell Recovery Arrays. Frontiers in Microbiology, 2020, 11, 601788. | 3.5 | 14 |
| 16 | Identification of Critical Surface Parameters Driving Lectin-Mediated Capture of Bacteria from Solution. Biomacromolecules, 2019, 20, 2852-2863. | 5.4 | 12 |
| 17 | Connections and Feedback: Aquatic, Plant, and Soil Microbiomes in Heterogeneous and Changing Environments. BioScience, 2020, 70, 548-562. | 4.9 | 11 |
| 18 | Virulence Evolution of Pathogens That Can Grow in Reservoir Environments. American Naturalist, 2022, 199, 141-158. | 2.1 | 11 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Photodegradable Hydrogels for Rapid Screening, Isolation, and Genetic Characterization of Bacteria with Rare Phenotypes. Biomacromolecules, 2020, 21, 3140-3151. | 5.4 | 8 |
| 20 | Co-dependent and Interdigitated: Dual Quorum Sensing Systems Regulate Conjugative Transfer of the Ti Plasmid and the At Megaplasmid in Agrobacterium tumefaciens 15955. Frontiers in Microbiology, 2020, 11, 605896. | 3.5 | 7 |
| 21 | Destabilization of the Tumor-Inducing Plasmid from an Octopine-Type <i>Agrobacterium tumefaciens</i> Lineage Drives a Large Deletion in the Co-resident At Megaplasmid. G3: Genes, Genomes, Genetics, 2019, 9, 3489-3500. | 1.8 | 5 |