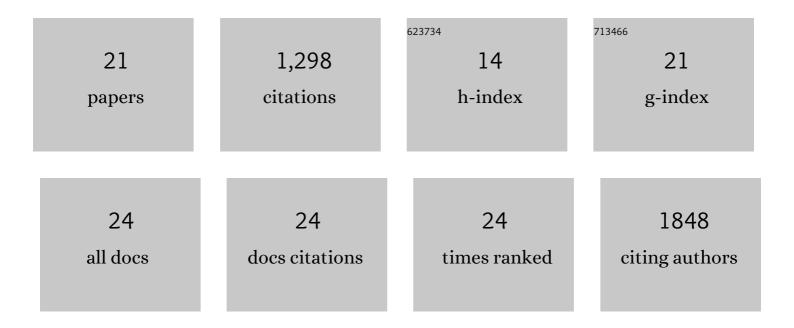
Thomas Gene Platt

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