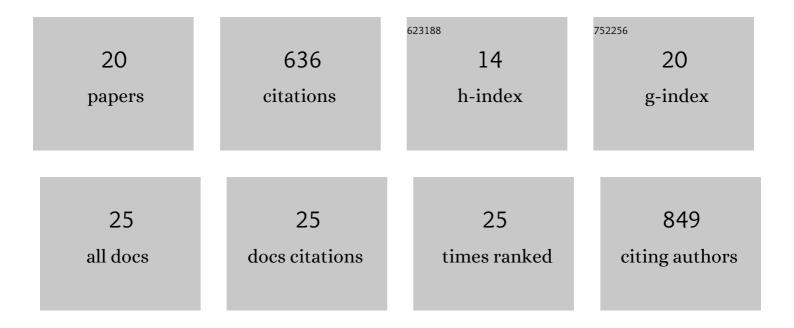
Jonathan W Willett

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Genetic and Biochemical Dissection of a HisKA Domain Identifies Residues Required Exclusively for Kinase and Phosphatase Activities. PLoS Genetics, 2012, 8, e1003084.	1.5	88
2	General Stress Signaling in the Alphaproteobacteria. Annual Review of Genetics, 2015, 49, 603-625.	3.2	63
3	Brucella abortus Induces a Warburg Shift in Host Metabolism That Is Linked to Enhanced Intracellular Survival of the Pathogen. Journal of Bacteriology, 2017, 199, .	1.0	61
4	Structural asymmetry in a conserved signaling system that regulates division, replication, and virulence of an intracellular pathogen. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3709-18.	3.3	52
5	The <scp><i>B</i></scp> <i>rucella abortus</i> virulence regulator, <scp>LovhK</scp> , is a sensor kinase in the general stress response signalling pathway. Molecular Microbiology, 2014, 94, 913-925.	1.2	48
6	Specificity Residues Determine Binding Affinity for Two-Component Signal Transduction Systems. MBio, 2013, 4, e00420-13.	1.8	42
7	Draft Genome Sequence of Myxococcus xanthus Wild-Type Strain DZ2, a Model Organism for Predation and Development. Genome Announcements, 2013, 1, .	0.8	37
8	Regulation of hem Gene Expression in Rhodobacter capsulatus by Redox and Photosystem Regulators RegA, CrtJ, FnrL, and AerR. Journal of Molecular Biology, 2004, 342, 1171-1186.	2.0	36
9	Atypical modes of bacterial histidine kinase signaling. Molecular Microbiology, 2017, 103, 197-202.	1.2	28
10	CrdS and CrdA Comprise a Two-Component System That Is Cooperatively Regulated by the Che3 Chemosensory System in Myxococcus xanthus. MBio, 2011, 2, .	1.8	27
11	RegA Control of Bacteriochlorophyll and Carotenoid Synthesis in <i>Rhodobacter capsulatus</i> . Journal of Bacteriology, 2007, 189, 7765-7773.	1.0	26
12	Experimental evolution of diverse Escherichia coli metabolic mutants identifies genetic loci for convergent adaptation of growth rate. PLoS Genetics, 2018, 14, e1007284.	1.5	24
13	Periplasmic protein EipA determines envelope stress resistance and virulence in <i>Brucella abortus</i> . Molecular Microbiology, 2019, 111, 637-661.	1.2	21
14	A Carbonic Anhydrase Pseudogene Sensitizes Select <i>Brucella</i> Lineages to Low CO ₂ Tension. Journal of Bacteriology, 2019, 201, .	1.0	16
15	WrpA Is an Atypical Flavodoxin Family Protein under Regulatory Control of the Brucella abortus General Stress Response System. Journal of Bacteriology, 2016, 198, 1281-1293.	1.0	14
16	Conserved ABC Transport System Regulated by the General Stress Response Pathways of Alpha- and Gammaproteobacteria. Journal of Bacteriology, 2017, 199, .	1.0	14
17	Structured and Dynamic Disordered Domains Regulate the Activity of a Multifunctional Anti-σ Factor. MBio, 2015, 6, e00910.	1.8	13
18	<i>Brucella</i> Periplasmic Protein EipB Is a Molecular Determinant of Cell Envelope Integrity and Virulence. Journal of Bacteriology, 2019, 201, .	1.0	12

#	Article	IF	CITATIONS
19	Brucella abortus Δ rpoE1 confers protective immunity against wild type challenge in a mouse model of brucellosis. Vaccine, 2016, 34, 5073-5081.	1.7	8
20	Molecular control of gene expression by Brucella BaaR, an IclR-type transcriptional repressor. Journal of Biological Chemistry, 2018, 293, 7437-7456.	1.6	5