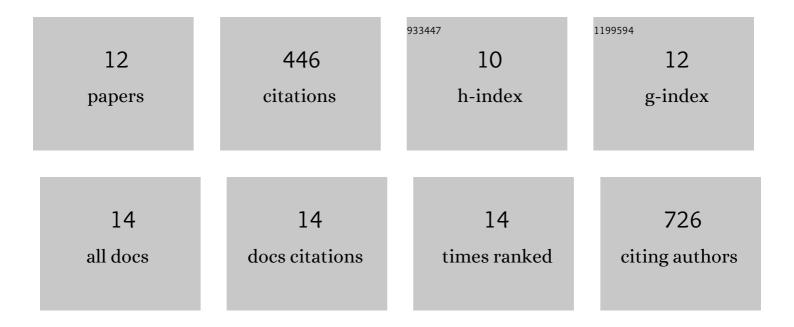
Cassandra E Nelson

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Structural and Functional Analysis of a Lytic Polysaccharide Monooxygenase Important for Efficient Utilization of Chitin in Cellvibrio japonicus. Journal of Biological Chemistry, 2016, 291, 7300-7312.	3.4	103
2	Myeloid-Derived Suppressor Cell Survival and Function Are Regulated by the Transcription Factor Nrf2. Journal of Immunology, 2016, 196, 3470-3478.	0.8	90
3	The human innate immune protein calprotectin induces iron starvation responses in Pseudomonas aeruginosa. Journal of Biological Chemistry, 2019, 294, 3549-3562.	3.4	61
4	Proteomic Analysis of the Pseudomonas aeruginosa Iron Starvation Response Reveals PrrF Small Regulatory RNA-Dependent Iron Regulation of Twitching Motility, Amino Acid Metabolism, and Zinc Homeostasis Proteins. Journal of Bacteriology, 2019, 201, .	2.2	54
5	In-Frame Deletions Allow Functional Characterization of Complex Cellulose Degradation Phenotypes in Cellvibrio japonicus. Applied and Environmental Microbiology, 2015, 81, 5968-5975.	3.1	24
6	In vitro and in vivo characterization of three Cellvibrio japonicus glycoside hydrolase family 5 members reveals potent xyloglucan backbone-cleaving functions. Biotechnology for Biofuels, 2018, 11, 45.	6.2	24
7	Comprehensive functional characterization of the glycoside hydrolase family 3 enzymes from <i>Cellvibrio japonicus</i> reveals unique metabolic roles in biomass saccharification. Environmental Microbiology, 2017, 19, 5025-5039.	3.8	23
8	ExpR Coordinates the Expression of Symbiotically Important, Bundle-Forming Flp Pili with Quorum Sensing in Sinorhizobium meliloti. Applied and Environmental Microbiology, 2014, 80, 2429-2439.	3.1	18
9	Systems analysis in <i>Cellvibrio japonicus</i> resolves predicted redundancy of βâ€glucosidases and determines essential physiological functions. Molecular Microbiology, 2017, 104, 294-305.	2.5	17
10	Heme protects Pseudomonas aeruginosa and Staphylococcus aureus from calprotectin-induced iron starvation. Journal of Biological Chemistry, 2021, 296, 100160.	3.4	16
11	The Human Innate Immune Protein Calprotectin Elicits a Multimetal Starvation Response in Pseudomonas aeruginosa. Microbiology Spectrum, 2021, 9, e0051921.	3.0	10
12	Custom fabrication of biomass containment devices using 3-D printing enables bacterial growth analyses with complex insoluble substrates. Journal of Microbiological Methods, 2016, 130, 136-143.	1.6	6