

Douglas B Rusch

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2905653/publications.pdf>

Version: 2024-02-01

9
papers

1,979
citations

1163117

8
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

3275
citing authors

#	ARTICLE	IF	CITATIONS
1	The Sorcerer II Global Ocean Sampling Expedition: Northwest Atlantic through Eastern Tropical Pacific. PLoS Biology, 2007, 5, e77.	5.6	1,757
2	Microbial mechanisms and ecosystem flux estimation for aerobic NO _x emissions from deciduous forest soils. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2138-2145.	7.1	66
3	Nitrogen cycling microbiomes are structured by plant mycorrhizal associations with consequences for nitrogen oxide fluxes in forests. Global Change Biology, 2021, 27, 1068-1082.	9.5	41
4	Probing biophysical sequence constraints within the transmembrane domains of rhodopsin by deep mutational scanning. Science Advances, 2020, 6, eaay7505.	10.3	32
5	Diversity in Natural Transformation Frequencies and Regulation across <i>Vibrio</i> Species. MBio, 2019, 10, .	4.1	29
6	The Polar Flagellar Transcriptional Regulatory Network in <i>Vibrio campbellii</i> Deviates from Canonical <i>Vibrio</i> Species. Journal of Bacteriology, 2021, 203, e0027621.	2.2	15
7	Nitric oxide stimulates type IV MSHA pilus retraction in <i>Vibrio cholerae</i> via activation of the phosphodiesterase CdpA. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	13
8	The quorum-sensing systems of <i>Vibrio campbellii</i> DS40M4 and BB120 are genetically and functionally distinct. Environmental Microbiology, 2021, 23, 5412-5432.	3.8	11
9	A Hybrid Nanofiber/Paper Cell Culture Platform for Building a 3D Blood-Brain Barrier Model. Small Methods, 2021, 5, 2100592.	8.6	9