

# Devin F R Doud

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/689627/publications.pdf>

Version: 2024-02-01

12  
papers

2,065  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

3319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimum information about a single amplified genome (MISAG) and a metagenome-assembled genome (MIMAG) of bacteria and archaea. <i>Nature Biotechnology</i> , 2017, 35, 725-731.	17.5	1,512
2	An arsenic-specific biosensor with genetically engineered <i>Shewanella oneidensis</i> in a bioelectrochemical system. <i>Biosensors and Bioelectronics</i> , 2014, 62, 320-324.	10.1	141
3	The trajectory of microbial single-cell sequencing. <i>Nature Methods</i> , 2017, 14, 1045-1054.	19.0	120
4	Quantitative Correlation of Absolute Hydroxyl Radical Rate Constants with Non-Isolated Effluent Organic Matter Bulk Properties in Water. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5924-5930.	10.0	88
5	Function-driven single-cell genomics uncovers cellulose-degrading bacteria from the rare biosphere. <i>ISME Journal</i> , 2020, 14, 659-675.	9.8	69
6	Toward Electrosynthesis with Uncoupled Extracellular Electron Uptake and Metabolic Growth: Enhancing Current Uptake with <i>Rhodospseudomonas palustris</i> . <i>Environmental Science and Technology Letters</i> , 2014, 1, 351-355.	8.7	36
7	Slab waveguide photobioreactors for microalgae based biofuel production. <i>Lab on A Chip</i> , 2012, 12, 3740.	6.0	35
8	Novel approaches in function-driven single-cell genomics. <i>FEMS Microbiology Reviews</i> , 2017, 41, 538-548.	8.6	24
9	Optimal Intensity and Biomass Density for Biofuel Production in a Thin-Light-Path Photobioreactor. <i>Environmental Science &amp; Technology</i> , 2015, 49, 6327-6334.	10.0	20
10	In situ hollow fiber membrane facilitated CO <sub>2</sub> delivery to a cyanobacterium for enhanced productivity. <i>RSC Advances</i> , 2013, 3, 13203.	3.6	9
11	Hollow fibre membrane arrays for CO <sub>2</sub> delivery in microalgae photobioreactors. <i>RSC Advances</i> , 2014, 4, 1460-1468.	3.6	8
12	In Situ UV Disinfection of a Waveguide-Based Photobioreactor. <i>Environmental Science &amp; Technology</i> , 2014, 48, 11521-11526.	10.0	3