

# Julius Fredens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4436846/publications.pdf>

Version: 2024-02-01

10  
papers

677  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Total synthesis of <i>Escherichia coli</i> with a recoded genome. <i>Nature</i> , 2019, 569, 514-518.	27.8	346
2	Defining synonymous codon compression schemes by genome recoding. <i>Nature</i> , 2016, 539, 59-64.	27.8	133
3	Sense codon reassignment enables viral resistance and encoded polymer synthesis. <i>Science</i> , 2021, 372, 1057-1062.	12.6	90
4	Quantitative proteomics by amino acid labeling in <i>C. elegans</i> . <i>Nature Methods</i> , 2011, 8, 845-847.	19.0	50
5	Axon-Dependent Patterning and Maintenance of Somatosensory Dendritic Arbors. <i>Developmental Cell</i> , 2019, 48, 229-244.e4.	7.0	21
6	A method for measuring fatty acid oxidation in <i>C. elegans</i> . <i>Worm</i> , 2012, 1, 26-30.	1.0	14
7	Creating custom synthetic genomes in <i>Escherichia coli</i> with REXER and GENESIS. <i>Nature Protocols</i> , 2021, 16, 2345-2380.	12.0	11
8	Quantitative proteomics by amino acid labeling identifies novel NHR-49 regulated proteins in <i>C. elegans</i> . <i>Worm</i> , 2012, 1, 66-71.	1.0	5
9	<i>C. elegans</i> : A Model for Understanding Lipid Accumulation. <i>Lipid Insights</i> , 2008, 1, LPI.S1057.	1.0	3
10	Identification of Novel Protein Functions and Signaling Mechanisms by Genetics and Quantitative Phosphoproteomics in <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2014, 1188, 107-124.	0.9	3