

# Laura E Walls

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6883231/publications.pdf>

Version: 2024-02-01

9  
papers

315  
citations

1163117

8  
h-index

1474206

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g-index

13  
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13  
docs citations

13  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Definitive screening accelerates Taxol biosynthetic pathway optimization and scale up in <i>Saccharomyces cerevisiae</i> cell factories. <i>Biotechnology Journal</i> , 2022, 17, e2100414.	3.5	12
2	Recent advances in fed-batch microscale bioreactor design. <i>Biotechnology Advances</i> , 2022, 55, 107888.	11.7	28
3	Rational Design of CRISPR/Cas12a-RPA Based One-Pot COVID-19 Detection with Design of Experiments. <i>ACS Synthetic Biology</i> , 2022, 11, 1555-1567.	3.8	27
4	In situ solid-liquid extraction enhances recovery of taxadiene from engineered <i>Saccharomyces cerevisiae</i> cell factories. <i>Separation and Purification Technology</i> , 2022, 290, 120880.	7.9	10
5	Optimizing the biosynthesis of oxygenated and acetylated Taxol precursors in <i>Saccharomyces cerevisiae</i> using advanced bioprocessing strategies. <i>Biotechnology and Bioengineering</i> , 2021, 118, 279-293.	3.3	39
6	Statistical Design of Experiments for Synthetic Biology. <i>ACS Synthetic Biology</i> , 2021, 10, 1-18.	3.8	52
7	Multiplex Genome Engineering Methods for Yeast Cell Factory Development. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 589468.	4.1	23
8	Enhanced production of taxadiene in <i>Saccharomyces cerevisiae</i> . <i>Microbial Cell Factories</i> , 2020, 19, 200.	4.0	59
9	Non-sterile heterotrophic cultivation of native wastewater yeast and microalgae for integrated municipal wastewater treatment and bioethanol production. <i>Biochemical Engineering Journal</i> , 2019, 151, 107319.	3.6	58