

# Julian L Wissner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6640147/publications.pdf>

Version: 2024-02-01

9  
papers

51  
citations

1684188  
5  
h-index

1720034  
7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

30  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | An enhanced toluene dioxygenase platform for the production of cis-1,2-dihydrocatechol in <i>Escherichia coli</i> BW25113 lacking glycerol dehydrogenase activity. <i>Journal of Biotechnology</i> , 2021, 325, 380-388. | 3.8 | 8         |
| 2 | An engineered toluene dioxygenase for a single step biocatalytical production of (-)-(1 <i>S</i> ,2 <i>R</i> )-cis-1,2-dihydro-1,2-naphthalenediol. <i>Journal of Biotechnology</i> , 2021, 326, 37-39.                  | 3.8 | 13        |
| 3 | Fast and easy synthesis of the non-commercially available standard isobutyl monophosphate (ammonium salt). <i>MethodsX</i> , 2021, 8, 101455.  | 1.6 | 0         |
| 4 | A real-time <sup>31</sup> P-NMR-based approach for the assessment of glycerol kinase catalyzed monophosphorylations. <i>MethodsX</i> , 2021, 8, 101285.  | 1.6 | 4         |
| 5 | A simple and efficient method for lyophilization of recombinant <i>E. coli</i> JM109 (DE3) whole-cells harboring active Rieske non-heme iron dioxygenases. <i>MethodsX</i> , 2021, 8, 101323.                            | 1.6 | 6         |
| 6 | Semi-rational Engineering of Toluene Dioxygenase from <i>Pseudomonas putida</i> F1 towards Oxyfunctionalization of Bicyclic Aromatics. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4905.                        | 4.3 | 10        |
| 7 | Strategy for identification of cis-dihydrodiendiol-degrading dehydrogenases in <i>E. coli</i> BW25113. <i>MethodsX</i> , 2020, 7, 101143.  | 1.6 | 2         |
| 8 | Methods for the detection and analysis of dioxygenase catalyzed dihydroxylation in mutant derived libraries. <i>Methods in Enzymology</i> , 2020, 644, 63-93.  | 1.0 | 7         |
| 9 | Efficient cellulose dissolution in a tertiary [EHMIM]-[EMIM]OAc-water system. <i>Journal of Molecular Liquids</i> , 2019, 281, 236-242.  | 4.9 | 1         |