

# Michael J Orella

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9579556/publications.pdf>

Version: 2024-02-01

7  
papers

500  
citations

1477746

6  
h-index

1719596

7  
g-index

20  
all docs

20  
docs citations

20  
times ranked

938  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Molecular structure, morphology and growth mechanisms and rates of 5-hydroxymethyl furfural (HMF) derived humins. <i>Green Chemistry</i> , 2016, 18, 1983-1993.  | 4.6 | 276       |
| 2 | Emerging opportunities for electrochemical processing to enable sustainable chemical manufacturing. <i>Current Opinion in Chemical Engineering</i> , 2018, 20, 159-167.                                      | 3.8 | 66        |
| 3 | A General Technoeconomic Model for Evaluating Emerging Electrolytic Processes. <i>Energy Technology</i> , 2020, 8, 1900994.  | 1.8 | 49        |
| 4 | Editors' Choice "Flooded by Success: On the Role of Electrode Wettability in CO <sub>2</sub> Electrolyzers that Generate Liquid Products. <i>Journal of the Electrochemical Society</i> , 2020, 167, 124521. | 1.3 | 45        |
| 5 | Lignin-KMC: A Toolkit for Simulating Lignin Biosynthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 18313-18322.   | 3.2 | 33        |
| 6 | Computational Evidence for Kinetically Controlled Radical Coupling during Lignification. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 13270-13277.  | 3.2 | 21        |
| 7 | Understanding the Impact of Convective Transport on Intercalation Batteries Through Dimensional Analysis. <i>Journal of the Electrochemical Society</i> , 2020, 167, 140551.                                 | 1.3 | 2         |