

Mitch H Weiland

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Enzymatic Biodegradation by Exploring the Rational Protein Engineering of the Polyethylene Terephthalate Hydrolyzing Enzyme PETase from <i>Ideonella sakaiensis</i> 201-F6. ACS Symposium Series, 2020, , 161-174. | 0.5 | 7 |
| 2 | Gel Assay to Introduce Polymer Biodegradation in the Undergraduate Laboratory. Journal of Chemical Education, 2020, 97, 2302-2307. | 2.3 | 1 |
| 3 | Structural Characterization of Sphingomonas sp. KT-1 PahZ1-Catalyzed Biodegradation of Thermally Synthesized Poly(aspartic acid). ACS Sustainable Chemistry and Engineering, 2020, , . | 6.7 | 1 |
| 4 | Sphingomonas sp. KT-1 PahZ2 Structure Reveals a Role for Conformational Dynamics in Peptide Bond Hydrolysis. Journal of Physical Chemistry B, 2021, 125, 5722-5739. | 2.6 | 1 |
| 5 | Engineered Sphingomonas sp. KT-1 PahZ1 monomers efficiently degrade poly(aspartic acid). Biophysical Chemistry, 2022, 281, 106745. | 2.8 | 1 |
| 6 | Crystal Structure of Poly(Aspartic Acid) Hydrolase. FASEB Journal, 2019, 33, 493.2. | 0.5 | 0 |