

Mitch H Weiland

List of Publications by Year in descending order

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