

Erica J Prentice

List of Publications by Year in descending order

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6
papers

378
citations

1684188

5
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1872680

6
g-index

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all docs

7
docs citations

7
times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Mapping Exposes the Importance of Active Site Interactions in Governing the Temperature Dependence of Enzyme Turnover. <i>ACS Catalysis</i> , 2021, 11, 14854-14863.	11.2	6
2	The Inflection Point Hypothesis: The Relationship between the Temperature Dependence of Enzyme-Catalyzed Reaction Rates and Microbial Growth Rates. <i>Biochemistry</i> , 2020, 59, 3562-3569.	2.5	20
3	Dynamical origins of heat capacity changes in enzyme-catalysed reactions. <i>Nature Communications</i> , 2018, 9, 1177.	12.8	64
4	A complete thermodynamic analysis of enzyme turnover links the free energy landscape to enzyme catalysis. <i>FEBS Journal</i> , 2017, 284, 2829-2842.	4.7	39
5	On the Temperature Dependence of Enzyme-Catalyzed Rates. <i>Biochemistry</i> , 2016, 55, 1681-1688.	2.5	233
6	Reconstructed Ancestral Enzymes Impose a Fitness Cost upon Modern Bacteria Despite Exhibiting Favourable Biochemical Properties. <i>Journal of Molecular Evolution</i> , 2015, 81, 110-120.	1.8	16