

Xiaobo Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

59
citations

1937685

4
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2053705

5
g-index

6
all docs

6
docs citations

6
times ranked

116
citing authors

#	ARTICLE	IF	CITATIONS
1	Modifying the Hydrophilicâ€“Hydrophobic Interface of PEG- <i>b</i> -PCL To Increase Micelle Stability: Preparation of PEG- <i>b</i> -PBO- <i>b</i> -PCL Triblock Copolymers, Micelle Formation, and Hydrolysis Kinetics. <i>Macromolecules</i> , 2012, 45, 660-665.	4.8	33
2	Kinetic-mechanistic studies of lipase-polymer micelle binding and catalytic degradation: Enzyme interfacial activation. <i>Polymer Degradation and Stability</i> , 2013, 98, 1173-1181.	5.8	13
3	Enzyme and acid catalyzed degradation of PEG45- <i>b</i> -PBO0,6,9- <i>b</i> -PCL60 micelles: Increased hydrolytic stability by engineering the hydrophilicâ€“hydrophobic interface. <i>Polymer</i> , 2013, 54, 2879-2886.	3.8	6
4	Corona charge selective micelle degradation catalyzed by <i>P. cepacia</i> lipase isoforms. <i>Chemical Communications</i> , 2014, 50, 964-967.	4.1	6
5	Kinetic-mechanistic studies of <i>P. cepacia</i> lipase catalyzed corona charge selective micelle degradation. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, 187-195.	1.8	1
6	Effects of placing negatively charged groups at the corona terminus on the aqueous dispersion stabilities for PCL- <i>b</i> -PEO block copolymer micelles. <i>Polymer</i> , 2014, 55, 1467-1473.	3.8	0