

# Ludwig Klermund

## List of Publications by Year in descending order

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333  
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#	ARTICLE	IF	CITATIONS
1	Biocatalysis in Polymersomes: Improving Multienzyme Cascades with Incompatible Reaction Steps by Compartmentalization. <i>ACS Catalysis</i> , 2017, 7, 3900-3904.	11.2	88
2	Polymersomes as nanoreactors for preparative biocatalytic applications: current challenges and future perspectives. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 1233-1246.	3.4	37
3	Simple surface functionalization of polymersomes using non-antibacterial peptide anchors. <i>Journal of Nanobiotechnology</i> , 2016, 14, 48.	9.1	30
4	New N-acyl-d-glucosamine 2-epimerases from cyanobacteria with high activity in the absence of ATP and low inhibition by pyruvate. <i>Journal of Biotechnology</i> , 2013, 168, 256-263.	3.8	25
5	Membrane functionalization of polymersomes: alleviating mass transport limitations by integrating multiple selective membrane transporters for the diffusion of chemically diverse molecules. <i>Nanotechnology</i> , 2018, 29, 44LT01.	2.6	16
6	High-level soluble expression of a bacterial N-acyl-d-glucosamine 2-epimerase in recombinant <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2015, 111, 36-41.	1.3	15
7	Determination of Permeability Coefficients of Polymersomal Membranes for Hydrophilic Molecules. <i>Langmuir</i> , 2017, 33, 6011-6020.	3.5	11
8	Protein engineering of a bacterial N-acyl-d-glucosamine 2-epimerase for improved stability under process conditions. <i>Enzyme and Microbial Technology</i> , 2016, 87-88, 70-78.	3.2	9