

Bartholom us Danielczak

List of Publications by Year in descending order

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11
papers

659
citations

840776

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641
citing authors

#	ARTICLE	IF	CITATIONS
1	Solubilization of Membrane Proteins into Functional Lipid-Bilayer Nanodiscs Using a Diisobutylene/Maleic Acid Copolymer. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1919-1924.	13.8	230
2	Formation of Lipid-Bilayer Nanodiscs by Diisobutylene/Maleic Acid (DIBMA) Copolymer. <i>Langmuir</i> , 2017, 33, 14378-14388.	3.5	81
3	Fast Collisional Lipid Transfer Among Polymer-Bounded Nanodiscs. <i>Scientific Reports</i> , 2017, 7, 45875.	3.3	74
4	Thermodynamics of nanodisc formation mediated by styrene/maleic acid (2:1) copolymer. <i>Scientific Reports</i> , 2017, 7, 11517.	3.3	68
5	A Fluorinated Detergent for Membrane-Protein Applications. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5069-5073.	13.8	65
6	Influence of Mg ²⁺ and Ca ²⁺ on nanodisc formation by diisobutylene/maleic acid (DIBMA) copolymer. <i>Chemistry and Physics of Lipids</i> , 2019, 221, 30-38.	3.2	46
7	Collisional lipid exchange among DIBMA-encapsulated nanodiscs (DIBMALPs). <i>European Polymer Journal</i> , 2018, 109, 206-213.	5.4	27
8	A bioinspired glycopolymer for capturing membrane proteins in native-like lipid-bilayer nanodiscs. <i>Nanoscale</i> , 2022, 14, 1855-1867.	5.6	19
9	Modulating bilayer mechanical properties to promote the coupled folding and insertion of an integral membrane protein. <i>European Biophysics Journal</i> , 2015, 44, 503-512.	2.2	16
10	Solubilisierung von Membranproteinen in funktionelle Lipiddoppelschicht-Nanodiscs mithilfe eines Diisobutylen/ Maleinsäure-Copolymers. <i>Angewandte Chemie</i> , 2017, 129, 1946-1951.	2.0	13
11	Lipid exchange among polymer-encapsulated nanodiscs by time-resolved Förster resonance energy transfer. <i>Methods</i> , 2020, 180, 27-34.	3.8	13