

Michael M LÃ¼btow

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Combining Ultra-High Drug-Loaded Micelles and Injectable Hydrogel Drug Depots for Prolonged Drug Release. <i>Macromolecular Chemistry and Physics</i> , 2020, 221, 1900341.	1.1	24
2	Think Beyond the Core: Impact of the Hydrophilic Corona on Drug Solubilization Using Polymer Micelles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 24531-24543.	4.0	49
3	Probing the Complex Loading-Dependent Structural Changes in Ultrahigh Drug-Loaded Polymer Micelles by Small-Angle Neutron Scattering. <i>Langmuir</i> , 2020, 36, 3494-3503.	1.6	14
4	<i>In Vitro</i> Blood-Brain Barrier Permeability and Cytotoxicity of an Atorvastatin-Loaded Nanoformulation Against Glioblastoma in 2D and 3D Models. <i>Molecular Pharmaceutics</i> , 2020, 17, 1835-1847.	2.3	25
5	Temperature-Dependent Rheological and Viscoelastic Investigation of a Poly(2-methyl-2-oxazoline)-b-poly(2-iso-butyl-2-oxazoline)-b-poly(2-methyl-2-oxazoline)-Based Thermogelling Hydrogel. <i>Journal of Functional Biomaterials</i> , 2019, 10, 36.	1.8	36
6	Ultra-High to Ultra-Low Drug-Loaded Micelles: Probing Host-Guest Interactions by Fluorescence Spectroscopy. <i>Chemistry - A European Journal</i> , 2019, 25, 12601-12610.	1.7	28
7	Strukturmodell von Polymermizellen in Abhängigkeit von der Curcumin-Beladung mithilfe von Festkörperspektroskopie. <i>Angewandte Chemie</i> , 2019, 131, 18712-18718.	1.6	4
8	Loading-Dependent Structural Model of Polymeric Micelles Encapsulating Curcumin by Solid-State NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18540-18546.	7.2	52
9	Collagenase Nanoparticles Enhance the Penetration of Drugs into Pancreatic Tumors. <i>ACS Nano</i> , 2019, 13, 11008-11021.	7.3	209
10	Like Dissolves Like? A Comprehensive Evaluation of Partial Solubility Parameters to Predict Polymer-Drug Compatibility in Ultrahigh Drug-Loaded Polymer Micelles. <i>Biomacromolecules</i> , 2019, 20, 3041-3056.	2.6	73
11	Drug induced micellization into ultra-high capacity and stable curcumin nanoformulations: Physico-chemical characterization and evaluation in 2D and 3D in vitro models. <i>Journal of Controlled Release</i> , 2019, 303, 162-180.	4.8	59
12	More Is Sometimes Less: Curcumin and Paclitaxel Formulations Using Poly(2-oxazoline) and Poly(2-oxazine)-Based Amphiphiles Bearing Linear and Branched C9 Side Chains. <i>Macromolecular Bioscience</i> , 2018, 18, e1800155.	2.1	28
13	Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update. <i>Biomaterials</i> , 2018, 178, 204-280.	5.7	259
14	Investigating the Influence of Aromatic Moieties on the Formulation of Hydrophobic Natural Products and Drugs in Poly(2-oxazoline)-Based Amphiphiles. <i>Biomacromolecules</i> , 2018, 19, 3119-3128.	2.6	36
15	Drug Specificity, Synergy and Antagonism in Ultrahigh Capacity Poly(2-oxazoline)/Poly(2-oxazine) based Formulations. <i>Journal of the American Chemical Society</i> , 2017, 139, 10980-10983.	6.6	86
16	A Thermogelling Supramolecular Hydrogel with Sponge-Like Morphology as a Cytocompatible Bioink. <i>Biomacromolecules</i> , 2017, 18, 2161-2171.	2.6	90