Michael M Lbtow

List of Publications by Citations

17 papers	702 citations	14 h-index	19 g-index
19 ext. papers	910 ext. citations	8.4 avg, IF	4.18 L-index

#	Paper	IF	Citations
17	Poly(2-oxazoline)s based biomaterials: A comprehensive and critical update. *Biomaterials*, **2018**, 178, 204-280	15.6	170
16	Collagenase Nanoparticles Enhance the Penetration of Drugs into Pancreatic Tumors. *ACS Nano*, **2019**, 13, 11008-11021	16.7	116
15	A Thermogelling Supramolecular Hydrogel with Sponge-Like Morphology as a Cytocompatible Bioink. *Biomacromolecules*, **2017**, 18, 2161-2171	6.9	69
14	Drug Specificity, Synergy and Antagonism in Ultrahigh Capacity Poly(2-oxazoline)/Poly(2-oxazine) based Formulations. *Journal of the American Chemical Society*, **2017**, 139, 10980-10983	16.4	61
13	Like Dissolves Like? A Comprehensive Evaluation of Partial Solubility Parameters to Predict Polymer-Drug Compatibility in Ultrahigh Drug-Loaded Polymer Micelles. *Biomacromolecules*, **2019**, 20, 3041-3056	6.9	45
12	Drug induced micellization into ultra-high capacity and stable curcumin nanoformulations: Physico-chemical characterization and evaluation in 2D and 3D in vitro models. *Journal of Controlled Release*, **2019**, 303, 162-180	11.7	43
11	Loading-Dependent Structural Model of Polymeric Micelles Encapsulating Curcumin by Solid-State NMR Spectroscopy. *Angewandte Chemie - International Edition*, **2019**, 58, 18540-18546	16.4	29
10	Investigating the Influence of Aromatic Moieties on the Formulation of Hydrophobic Natural Products and Drugs in Poly(2-oxazoline)-Based Amphiphiles. *Biomacromolecules*, **2018**, 19, 3119-3128	6.9	28
9	Think Beyond the Core: Impact of the Hydrophilic Corona on Drug Solubilization Using Polymer Micelles. *ACS Applied Materials & Interfaces*, **2020**, 12, 24531-24543	9.5	25
8	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. *Macromolecular Bioscience*, **2018**, 18, e1800155	5.5	23
7	Ultra-High to Ultra-Low Drug-Loaded Micelles: Probing Host-Guest Interactions by Fluorescence Spectroscopy. *Chemistry - A European Journal*, **2019**, 25, 12601-12610	4.8	21
6	Temperature-Dependent Rheological and Viscoelastic Investigation of a Poly(2-methyl-2-oxazoline)-b-poly(2--butyl-2-oxazoline)-b-poly(2-methyl-2-oxazoline)-Based Thermogelling Hydrogel. *Journal of Functional Biomaterials*, **2019**, 10,	4.8	20
5	Combining Ultra-High Drug-Loaded Micelles and Injectable Hydrogel Drug Depots for Prolonged Drug Release. *Macromolecular Chemistry and Physics*, **2020**, 221, 1900341	2.6	19
4	Blood-Brain Barrier Permeability and Cytotoxicity of an Atorvastatin-Loaded Nanoformulation Against Glioblastoma in 2D and 3D Models. *Molecular Pharmaceutics*, **2020**, 17, 1835-1847	5.6	15
3	Probing the Complex Loading-Dependent Structural Changes in Ultrahigh Drug-Loaded Polymer Micelles by Small-Angle Neutron Scattering. *Langmuir*, **2020**, 36, 3494-3503	4	10
2	Strukturmodell von Polymermizellen in Abh□gigkeit von der Curcumin-Beladung mithilfe von Festk□per-NMR-Spektroskopie. *Angewandte Chemie*, **2019**, 131, 18712-18718	3.6	4
1	Think Beyond the Core: The Impact of the Hydrophilic Corona on the Drug Solubilization Using Polymer Micelles		2