Oliver BrÃ¼ggemann

List of Publications by Year
in descending order

31 papers	1,606 citations	304743 22 h-index	414414 32 g-index
32 all docs	32 docs citations	32 times ranked	1564 citing authors

#	Article	IF	Citations
1	Polyphosphazene-Based Nanocarriers for the Release of Camptothecin and Epirubicin. Pharmaceutics, 2022, 14, 169.	4.5	8
2	Hybrid Porous Microparticles Based on a Single Organosilica Cyclophosphazene Precursor. International Journal of Molecular Sciences, 2020, 21, 8552.	4.1	3
3	Polyphosphazene-based nanocarriers for the release of agrochemicals and potential anticancer drugs. Journal of Materials Chemistry B, 2019, 7, 7783-7794.	5.8	7
4	Degradable, Dendritic Polyols on a Branched Polyphosphazene Backbone. Industrial & Engineering Chemistry Research, 2018, 57, 3602-3609.	3.7	13
5	Branched Macromolecular Architectures for Degradable, Multifunctional Phosphorusâ€Based Polymers. Macromolecular Rapid Communications, 2017, 38, 1600644.	3.9	36
6	Synthesis and in vivo anticancer evaluation of poly(organo)phosphazene-based metallodrug conjugates. Dalton Transactions, 2017, 46, 12114-12124.	3.3	32
7	Biodegradable Polyphosphazene Based Peptide-Polymer Hybrids. Polymers, 2016, 8, 161.	4.5	33
8	Macromolecular Pt(IV) Prodrugs from Poly(organo)phosphazenes. Macromolecular Bioscience, 2016, 16, 1239-1249.	4.1	27
9	Polyphosphazene Based Starâ€Branched and Dendritic Molecular Brushes. Macromolecular Rapid Communications, 2016, 37, 769-774.	3.9	15
10	Degradable Glycineâ€Based Photoâ€Polymerizable Polyphosphazenes for Use as Scaffolds for Tissue Regeneration. Macromolecular Bioscience, 2015, 15, 351-363.	4.1	35
11	Thermoresponsive Polyphosphazeneâ€Based Molecular Brushes by Living Cationic Polymerization. Macromolecular Symposia, 2014, 337, 116-123.	0.7	21
12	Chainâ€Endâ€Functionalized Polyphosphazenes via a Oneâ€Pot Phosphineâ€Mediated Living Polymerization. Macromolecular Rapid Communications, 2014, 35, 1135-1141.	3.9	46
13	Waterâ€soluble, biocompatible polyphosphazenes with controllable and pHâ€promoted degradation behavior. Journal of Polymer Science Part A, 2014, 52, 287-294.	2.3	65
14	Applicability of new degradable hypericin-polymer-conjugates as photosensitizers: principal mode of action demonstrated by in vitro models. Photochemical and Photobiological Sciences, 2014, 13, 1607-1620.	2.9	24
15	Effects of different fibers on the properties of short-fiber-reinforced polypropylene composites. Composites Science and Technology, 2014, 103, 49-55.	7.8	67
16	Synthetic fibers and thermoplastic short-fiber-reinforced polymers: Properties and characterization. Polymer Composites, 2014, 35, 227-236.	4.6	111
17	Polyphosphazenes: Multifunctional, Biodegradable Vehicles for Drug and Gene Delivery. Polymers, 2013, 5, 161-187.	4.5	122
18	Branched polyphosphazenes with controlled dimensions. Journal of Polymer Science Part A, 2013, 51, 4467-4473.	2.3	33

#	Article	IF	Citations
19	Photoreactive, water-soluble conjugates of hypericin with polyphosphazenes. Monatshefte FÃ¼r Chemie, 2012, 143, 355-360.	1.8	20
20	Multifunctional and biodegradable polyphosphazenes for use as macromolecular anti-cancer drug carriers. Polymer Chemistry, 2011, 2, 828-834.	3.9	46
21	Porous polymer monoliths for small molecule separations: advancements and limitations. Analytical and Bioanalytical Chemistry, 2011, 400, 2289-2304.	3.7	103
22	Towards porous polymer monoliths for the efficient, retention-independent performance in the isocratic separation of small molecules by means of nano-liquid chromatography. Journal of Chromatography A, 2010, 1217, 7514-7522.	3.7	92
23	On the separation of small molecules by means of nano-liquid chromatography with methacrylate-based macroporous polymer monoliths. Journal of Chromatography A, 2010, 1217, 5389-5397.	3.7	113
24	Catalysis of a Î²-elimination applying membranes with incorporated molecularly imprinted polymer particles. Polymer Bulletin, 2005, 55, 287-297.	3.3	17
25	Molecularly Imprinted Materials â€" Receptors More Durable than Nature Can Provide. Advances in Biochemical Engineering/Biotechnology, 2002, 76, 127-163.	1.1	13
26	Food Analyses Using Molecularly Imprinted Polymers. Journal of Agricultural and Food Chemistry, 2001, 49, 2105-2114.	5.2	88
27	Catalytically active polymers obtained by molecular imprinting and their application in chemical reaction engineering. New Biotechnology, 2001, 18, 1-7.	2.7	46
28	Chemical reaction engineering using molecularly imprinted polymeric catalysts. Analytica Chimica Acta, 2001, 435, 197-207.	5.4	34
29	New configurations and applications of molecularly imprinted polymers. Journal of Chromatography A, 2000, 889, 15-24.	3.7	156
30	Selective recognition and separation of Î²-lactam antibiotics using molecularly imprinted polymers. Analytical Communications, 1999, 36, 327.	2.2	43
31	Comparison of polymer coatings of capillaries for capillary electrophoresis with respect to their applicability to molecular imprinting and electrochromatography. Journal of Chromatography A, 1997, 781, 43-53.	3.7	135