Chuncai Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6308205/publications.pdf

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18 papers	1,227 citations	840585 11 h-index	839398 18 g-index
18 all docs	18 docs citations	18 times ranked	2016 citing authors

#	Article	IF	Citations
1	Cationic Peptidopolysaccharides Show Excellent Broadâ€Spectrum Antimicrobial Activities and High Selectivity. Advanced Materials, 2012, 24, 4130-4137.	11.1	226
2	A photopolymerized antimicrobial hydrogel coating derived from epsilon-poly-l-lysine. Biomaterials, 2011, 32, 2704-2712.	5.7	216
3	Polymeric Antimicrobial Food Packaging and Its Applications. Polymers, 2019, 11, 560.	2.0	180
4	High Potency and Broad-Spectrum Antimicrobial Peptides Synthesized via Ring-Opening Polymerization of l±-Aminoacid-N-carboxyanhydrides. Biomacromolecules, 2010, 11, 60-67.	2.6	155
5	Antibacterial Polypeptide-Grafted Chitosan-Based Nanocapsules As an â€œArmedâ€•Carrier of Anticancer and Antiepileptic Drugs. ACS Macro Letters, 2013, 2, 1021-1025.	2.3	140
6	Multifunctional Biocompatible and Biodegradable Folic Acid Conjugated Poly(Îµ-caprolactone)â€“Polypeptide Copolymer Vesicles with Excellent Antibacterial Activities. Bioconjugate Chemistry, 2015, 26, 725-734.	1.8	82
7	Antibacterial vesicles by direct dissolution of a block copolymer in water. Polymer Chemistry, 2013, 4, 255-259.	1.9	60
8	Highly Effective Antibacterial Vesicles Based on Peptide-Mimetic Alternating Copolymers for Bone Repair. Biomacromolecules, 2017, 18, 4154-4162.	2.6	50
9	Strategies from nature: polycaprolactone-based mimetic antimicrobial peptide block copolymers with low cytotoxicity and excellent antibacterial efficiency. Polymer Chemistry, 2019, 10, 945-953.	1.9	28
10	High Water Content Hydrogel With Super High Refractive Index. Macromolecular Bioscience, 2013, 13, 1485-1491.	2.1	21
11	Highly efficient antibacterial diblock copolypeptides based on lysine and phenylalanine. Biopolymers, 2017, 107, e23041.	1.2	20
12	Noncytotoxic polycaprolactone-polyethyleneglycol-Îµ-poly(l-lysine) triblock copolymer synthesized and self-assembled as an antibacterial drug carrier. RSC Advances, 2017, 7, 39718-39725.	1.7	11
13	Preparation of diblock amphiphilic polypeptide nanoparticles for medical applications. European Polymer Journal, 2018, 100, 132-136.	2.6	11
14	Synthesis of triblock amphiphilic copolypeptides with excellent antibacterial activity. European Polymer Journal, 2018, 106, 175-181.	2.6	11
15	Polycaprolactone-Based Mimetic Antimicrobial Peptide Copolymers Vesicles as an Effective Drug-Carrier for Cancer Therapy. Polymers, 2019, 11, 1783.	2.0	6
16	De Novo Design of Triblock Amphiphilic Short Antimicrobial Peptides. ACS Applied Polymer Materials, 2020, 2, 3988-3992.	2.0	5
17	Therapeutic Effects of Synthetic Triblock Amphiphilic Short Antimicrobial Peptides on Human Lung Adenocarcinoma. Pharmaceutics, 2022, 14, 929.	2.0	3
18	Biocompatible antibacterial nanoparticles prepared by assembling polycaprolactone-lysine-dendrimers. European Polymer Journal, 2020, 138, 109956.	2.6	2