

Zhi Xiang Voo

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

720
citations

687363

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996975

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1467
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial Polycarbonates: Investigating the Impact of Nitrogen-Containing Heterocycles as Quaternizing Agents. <i>Macromolecules</i> , 2014, 47, 1285-1291.	4.8	117
2	Mutations derived from horseshoe bat ACE2 orthologs enhance ACE2-Fc neutralization of SARS-CoV-2. <i>PLoS Pathogens</i> , 2021, 17, e1009501.	4.7	97
3	Biodegradable functional polycarbonate micelles for controlled release of amphotericin B. <i>Acta Biomaterialia</i> , 2016, 46, 211-220.	8.3	69
4	Antimicrobial/Antifouling Polycarbonate Coatings: Role of Block Copolymer Architecture. <i>Macromolecules</i> , 2015, 48, 1055-1064.	4.8	68
5	Injectable Coacervate Hydrogel for Delivery of Anticancer Drug-Loaded Nanoparticles in vivo. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13274-13282.	8.0	63
6	2-Amino-1,3-propane diols: a versatile platform for the synthesis of aliphatic cyclic carbonate monomers. <i>Polymer Chemistry</i> , 2013, 4, 2945.	3.9	45
7	Antimicrobial coatings against biofilm formation: the unexpected balance between antifouling and bactericidal behavior. <i>Polymer Chemistry</i> , 2016, 7, 656-668.	3.9	44
8	Phenylboronic Acid Functionalized Polycarbonate Hydrogels for Controlled Release of Polymyxin B in <i>Pseudomonas Aeruginosa</i> Infected Burn Wounds. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701388.	7.6	36
9	Biodegradable Strain-Promoted Click Hydrogels for Encapsulation of Drug-Loaded Nanoparticles and Sustained Release of Therapeutics. <i>Biomacromolecules</i> , 2017, 18, 2277-2285.	5.4	32
10	Real-time examination of aminoglycoside activity towards bacterial mimetic membranes using Quartz Crystal Microbalance with Dissipation monitoring (QCM-D). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 385-391.	2.6	28
11	Effective encapsulation of apomorphine into biodegradable polymeric nanoparticles through a reversible chemical bond for delivery across the blood-brain barrier. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 236-245.	3.3	27
12	Generation and validation of structurally defined antibody-siRNA conjugates. <i>Nucleic Acids Research</i> , 2020, 48, 5281-5293.	14.5	26
13	Expanding the Cationic Polycarbonate Platform: Attachment of Sulfonium Moieties by Postpolymerization Ring Opening of Epoxides. <i>ACS Macro Letters</i> , 2016, 5, 1247-1252.	4.8	24
14	Convergent Approach to Boronic Acid Functionalized Polycarbonates: Accessing New Dynamic Material Platforms. <i>ACS Macro Letters</i> , 2017, 6, 252-256.	4.8	10
15	Effects of guanidino modified aminoglycosides on mammalian membranes studied using a quartz crystal microbalance. <i>MedChemComm</i> , 2017, 8, 1112-1120.	3.4	9