

Weixian Xi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11091886/publications.pdf>

Version: 2024-02-01

23
papers

2,763
citations

394421

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docs citations

28
times ranked

4246
citing authors

#	ARTICLE	IF	CITATIONS
1	Point-of-care antimicrobial coating protects orthopaedic implants from bacterial challenge. <i>Nature Communications</i> , 2021, 12, 5473.	12.8	40
2	The Use of a Novel Antimicrobial Implant Coating In Vivo to Prevent Spinal Implant Infection. <i>Spine</i> , 2020, 45, E305-E311.	2.0	13
3	Click by Click Microporous Annealed Particle (MAP) Scaffolds. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901391.	7.6	58
4	Microporous annealed particle hydrogel stiffness, void space size, and adhesion properties impact cell proliferation, cell spreading, and gene transfer. <i>Acta Biomaterialia</i> , 2019, 94, 160-172.	8.3	94
5	Implementation of two distinct wavelengths to induce multistage polymerization in shape memory materials and nanoimprint lithography. <i>Polymer</i> , 2018, 156, 162-168.	3.8	17
6	A Novel Synthetic UV-Curable Fluorinated Siloxane Resin for Low Surface Energy Coating. <i>Polymers</i> , 2018, 10, 979.	4.5	12
7	Productive Exchange of Thiols and Thioesters to Form Dynamic Polythioester-Based Polymers. <i>ACS Macro Letters</i> , 2018, 7, 1312-1316.	4.8	40
8	<i>p</i> -Nitrobenzyl-Based Photobase Generators: Efficient Photoinitiators for Visible-Light Induced Thiol-Michael Addition Photopolymerization. <i>ACS Macro Letters</i> , 2018, 7, 852-857.	4.8	35
9	Accelerated wound healing by injectable star poly(ethylene glycol)-b-poly(propylene sulfide) scaffolds loaded with poorly water-soluble drugs. <i>Journal of Controlled Release</i> , 2018, 282, 156-165.	9.9	36
10	Wavelength-Selective Sequential Polymer Network Formation Controlled with a Two-Color Responsive Initiation System. <i>Macromolecules</i> , 2017, 50, 5652-5660.	4.8	62
11	Nucleobase-Containing Polymers: Structure, Synthesis, and Applications. <i>Polymers</i> , 2017, 9, 666.	4.5	32
12	Visible-Light-Initiated Thiol-Michael Addition Polymerizations with Coumarin-Based Photobase Generators: Another Photoclick Reaction Strategy. <i>ACS Macro Letters</i> , 2016, 5, 229-233.	4.8	58
13	Clickable Nucleic Acids: Sequence-Controlled Periodic Copolymer/Oligomer Synthesis by Orthogonal Thiol-Michael Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14462-14467.	13.8	75
14	Experimental and theoretical photoluminescence studies in nucleic acid assembled gold-upconverting nanoparticle clusters. <i>Nanoscale</i> , 2015, 7, 17254-17260.	5.6	28
15	Monodispersity/Narrow Polydispersity Cross-Linked Microparticles Prepared by Step-Growth Thiol-Michael Addition Dispersion Polymerizations. <i>Macromolecules</i> , 2015, 48, 8461-8470.	4.8	42
16	Facile Image Patterning via Sequential Thiol-Michael/Thiol-Yne Click Reactions. <i>Chemistry of Materials</i> , 2014, 26, 6819-6826.	6.7	57
17	The Thiol-Michael Addition Click Reaction: A Powerful and Widely Used Tool in Materials Chemistry. <i>Chemistry of Materials</i> , 2014, 26, 724-744.	6.7	1,193
18	Click Chemistry in Materials Science. <i>Advanced Functional Materials</i> , 2014, 24, 2572-2590.	14.9	514

#	ARTICLE	IF	CITATIONS
19	Click Chemistry: Click Chemistry in Materials Science (Adv. Funct. Mater. 18/2014). Advanced Functional Materials, 2014, 24, 2566-2566.	14.9	2
20	Spatial and Temporal Control of Thiol-Michael Addition via Photocaged Superbase in Photopatterning and Two-Stage Polymer Networks Formation. Macromolecules, 2014, 47, 6159-6165.	4.8	114
21	High Performance Graded Rainbow Holograms via Two-Stage Sequential Orthogonal Thiol-ene Click Chemistry. Macromolecules, 2014, 47, 2306-2315.	4.8	81
22	A new photoclick reaction strategy: photo-induced catalysis of the thiol-Michael addition via a caged primary amine. Chemical Communications, 2013, 49, 4504-4506.	4.1	79
23	Nitrogen-Centered Nucleophile Catalyzed Thiol-Vinylsulfone Addition, Another Thiol-ene Click Reaction. ACS Macro Letters, 2012, 1, 811-814.	4.8	70