Weixian Xi

List of Publications by Year
in descending order

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Version: 2024-02-01

23	2,763	394421	580821
papers	citations	19 h-index	25 g-index

28	28	28	4246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Thiol-Michael Addition Click Reaction: A Powerful and Widely Used Tool in Materials Chemistry. Chemistry of Materials, 2014, 26, 724-744.	6.7	1,193
2	Click Chemistry in Materials Science. Advanced Functional Materials, 2014, 24, 2572-2590.	14.9	514
3	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
4	Microporous annealed particle hydrogel stiffness, void space size, and adhesion properties impact cell proliferation, cell spreading, and gene transfer. Acta Biomaterialia, 2019, 94, 160-172.	8.3	94
5	High Performance Graded Rainbow Holograms via Two-Stage Sequential Orthogonal Thiolâ€“Click Chemistry. Macromolecules, 2014, 47, 2306-2315.	4.8	81
6	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
7	Clickable Nucleic Acids: Sequenceâ€Controlled Periodic Copolymer/Oligomer Synthesis by Orthogonal Thiolâ€X Reactions. Angewandte Chemie - International Edition, 2015, 54, 14462-14467.	13.8	75
8	Nitrogen-Centered Nucleophile Catalyzed Thiol-Vinylsulfone Addition, Another Thiol-ene â€œClickâ€• Reaction. ACS Macro Letters, 2012, 1, 811-814.	4.8	70
9	Wavelength-Selective Sequential Polymer Network Formation Controlled with a Two-Color Responsive Initiation System. Macromolecules, 2017, 50, 5652-5660.	4.8	62
10	Visible-Light-Initiated Thiol-Michael Addition Polymerizations with Coumarin-Based Photobase Generators: Another Photoclick Reaction Strategy. ACS Macro Letters, 2016, 5, 229-233.	4.8	58
11	Click by Click Microporous Annealed Particle (MAP) Scaffolds. Advanced Healthcare Materials, 2020, 9, e1901391.	7.6	58
12	Facile Image Patterning via Sequential Thiolâ€“Michael/Thiolâ€“Yne Click Reactions. Chemistry of Materials, 2014, 26, 6819-6826.	6.7	57
13	Monodispersity/Narrow Polydispersity Cross-Linked Microparticles Prepared by Step-Growth Thiolâ€“Michael Addition Dispersion Polymerizations. Macromolecules, 2015, 48, 8461-8470.	4.8	42
14	Productive Exchange of Thiols and Thioesters to Form Dynamic Polythioester-Based Polymers. ACS Macro Letters, 2018, 7, 1312-1316.	4.8	40
15	Point-of-care antimicrobial coating protects orthopaedic implants from bacterial challenge. Nature Communications, 2021, 12, 5473.	12.8	40
16	Accelerated wound healing by injectable star poly(ethylene glycol)-b-poly(propylene sulfide) scaffolds loaded with poorly water-soluble drugs. Journal of Controlled Release, 2018, 282, 156-165.	9.9	36
17	o-Nitrobenzyl-Based Photobase Generators: Efficient Photoinitiators for Visible-Light Induced Thiol-Michael Addition Photopolymerization. ACS Macro Letters, 2018, 7, 852-857.	4.8	35
18	Nucleobase-Containing Polymers: Structure, Synthesis, and Applications. Polymers, 2017, 9, 666.	4.5	32

#	Article	IF	Citations
19	Experimental and theoretical photoluminescence studies in nucleic acid assembled gold-upconverting nanoparticle clusters. Nanoscale, 2015, 7, 17254-17260.	5.6	28
20	Implementation of two distinct wavelengths to induce multistage polymerization in shape memory materials and nanoimprint lithography. Polymer, 2018, 156, 162-168.	3.8	17
21	The Use of a Novel Antimicrobial Implant Coating In Vivo to Prevent Spinal Implant Infection. Spine, 2020, 45, E305-E311.	2.0	13
22	A Novel Synthetic UV-Curable Fluorinated Siloxane Resin for Low Surface Energy Coating. Polymers, 2018, 10, 979.	4.5	12
23	Click Chemistry: Click Chemistry in Materials Science (Adv. Funct. Mater. 18/2014). Advanced Functional Materials, 2014, 24, 2566-2566.	14.9	2