

Jiancheng Liu

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

340
citations

1306789

7
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of polymerization shrinkage and stress in nanogel-modified monomer and composite materials. <i>Dental Materials</i> , 2011, 27, 509-519.	1.6	130
2	A study of shrinkage stress reduction and mechanical properties of nanogel-modified resin systems. <i>European Polymer Journal</i> , 2012, 48, 1819-1828.	2.6	52
3	Photo-reactive nanogels as a means to tune properties during polymer network formation. <i>Polymer Chemistry</i> , 2014, 5, 227-233.	1.9	49
4	Self-floating ability and initiating gradient photopolymerization of acrylamide aqueous solution of a water-soluble polysiloxane benzophenone photoinitiator. <i>Green Chemistry</i> , 2013, 15, 2457.	4.6	44
5	RAFT-mediated control of nanogel structure and reactivity: Chemical, physical and mechanical properties of monomer-dispersed nanogel compositions. <i>Dental Materials</i> , 2014, 30, 1252-1262.	1.6	19
6	Tuning the surface microstructure and gradient properties of polymers with photopolymerizable polysiloxane-modified nanogels. <i>RSC Advances</i> , 2014, 4, 28928-28936.	1.7	18
7	Control of microstructure and gradient property of polymer network by photopolymerizable silicone-containing nanogel. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2830-2840.	2.5	13
8	Controlled nanogel and macrogel structures from self-assembly of a stimuli-responsive amphiphilic block copolymer. <i>RSC Advances</i> , 2016, 6, 64791-64798.	1.7	8
9	Simultaneous measurement of fluorescence, conversion and physical/mechanical properties for monitoring bulk and localized photopolymerization reactions in heterogeneous systems. <i>RSC Advances</i> , 2016, 6, 41275-41286.	1.7	7