

Qiuning Lin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6902187/publications.pdf>

Version: 2024-02-01

44
papers

3,725
citations

172386

29
h-index

223716

46
g-index

48
all docs

48
docs citations

48
times ranked

5390
citing authors

#	ARTICLE	IF	CITATIONS
1	A strongly adhesive hemostatic hydrogel for the repair of arterial and heart bleeds. <i>Nature Communications</i> , 2019, 10, 2060.	5.8	517
2	Integration of stem cell-derived exosomes with in situ hydrogel glue as a promising tissue patch for articular cartilage regeneration. <i>Nanoscale</i> , 2017, 9, 4430-4438.	2.8	333
3	Anticancer Drug Release from a Mesoporous Silica Based Nanophotocage Regulated by Either a One- or Two-Photon Process. <i>Journal of the American Chemical Society</i> , 2010, 132, 10645-10647.	6.6	283
4	Near-Infrared Photoregulated Drug Release in Living Tumor Tissue via Yolk-Shell Upconversion Nanocages. <i>Advanced Functional Materials</i> , 2014, 24, 363-371.	7.8	269
5	Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. <i>Nature Biotechnology</i> , 2019, 37, 1287-1293.	9.4	206
6	Tissue-Integratable and Biocompatible Photogelation by the Imine Crosslinking Reaction. <i>Advanced Materials</i> , 2016, 28, 2724-2730.	11.1	195
7	An Artificial Molecular Shuttle Operates in Lipid Bilayers for Ion Transport. <i>Journal of the American Chemical Society</i> , 2018, 140, 17992-17998.	6.6	171
8	Highly Discriminating Photorelease of Anticancer Drugs Based on Hypoxia Activatable Phototrigger Conjugated Chitosan Nanoparticles. <i>Advanced Materials</i> , 2013, 25, 1981-1986.	11.1	146
9	An in situ photocrosslinkable platelet rich plasma α -Complexed hydrogel glue with growth factor controlled release ability to promote cartilage defect repair. <i>Acta Biomaterialia</i> , 2017, 62, 179-187.	4.1	112
10	Development of an Indole-Based Boron-Dipyrromethene Fluorescent Probe for Benzenethiols. <i>Journal of Physical Chemistry B</i> , 2011, 115, 642-647.	1.2	99
11	Coumarin Photocaging Groups Modified with an Electron-Rich Styryl Moiety at the 3-Position: Long-Wavelength Excitation, Rapid Photolysis, and Photobleaching. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3722-3726.	7.2	99
12	Building Biomedical Materials using Photochemical Bond Cleavage. <i>Advanced Materials</i> , 2015, 27, 1647-1662.	11.1	96
13	Ultrafast, tough, and adhesive hydrogel based on hybrid photocrosslinking for articular cartilage repair in water-filled arthroscopy. <i>Science Advances</i> , 2021, 7, .	4.7	88
14	Target-Activated Coumarin Phototriggers Specifically Switch on Fluorescence and Photocleavage upon Bonding to Thiol-Bearing Protein. <i>Journal of the American Chemical Society</i> , 2012, 134, 5052-5055.	6.6	87
15	Promoting Oral Mucosal Wound Healing with a Hydrogel Adhesive Based on a Phototriggered S-Nitrosylation Coupling Reaction. <i>Advanced Materials</i> , 2021, 33, e2105667.	11.1	86
16	Spatiotemporally Controllable and Cytocompatible Approach Builds 3D Cell Culture Matrix by Photo-Caged Thiol Michael Addition Reaction. <i>Advanced Materials</i> , 2014, 26, 3912-3917.	11.1	85
17	A postoperative anti-adhesion barrier based on photoinduced imine-crosslinking hydrogel with tissue-adhesive ability. <i>Acta Biomaterialia</i> , 2017, 62, 199-209.	4.1	79
18	Styryl Conjugated Coumarin Caged Alcohol: Efficient Photorelease by Either One-Photon Long Wavelength or Two-Photon NIR Excitation. <i>Organic Letters</i> , 2012, 14, 572-575.	2.4	61

#	ARTICLE	IF	CITATIONS
19	Photosensitive Hydrogel Creates Favorable Biologic Niches to Promote Spinal Cord Injury Repair. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900013.	3.9	52
20	Light-responsive polymersomes with a charge-switch for targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2020, 8, 727-735.	2.9	50
21	Physiological pH-dependent gelation for 3D printing based on the phase separation of gelatin and oxidized dextran. <i>Chemical Communications</i> , 2017, 53, 13023-13026.	2.2	47
22	A well defect-suitable and high-strength biomimetic squid type II gelatin hydrogel promoted in situ costal cartilage regeneration via dynamic immunomodulation and direct induction manners. <i>Biomaterials</i> , 2020, 240, 119841.	5.7	44
23	Precise Construction of Cell-Instructive 3D Microenvironments by Photopatterning a Biodegradable Hydrogel. <i>Chemistry of Materials</i> , 2019, 31, 4710-4719.	3.2	43
24	Photogenerated Aldehydes for Protein Patterns on Hydrogels and Guidance of Cell Behavior. <i>Advanced Functional Materials</i> , 2018, 28, 1706918.	7.8	42
25	Sequential Control over Thiol Click Chemistry by a Reversibly Photoactivated Thiol Mechanism of Spirothiopyran. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 174-178.	7.2	39
26	Micropatterned Protein for Cell Adhesion through Phototriggered Charge Change in a Polyvinylpyrrolidone Hydrogel. <i>Advanced Functional Materials</i> , 2017, 27, 1606258.	7.8	35
27	7-Amino coumarin based fluorescent phototriggers coupled with nano/bio-conjugated bonds: Synthesis, labeling and photorelease. <i>Journal of Materials Chemistry</i> , 2012, 22, 6680.	6.7	32
28	Light and reductive dual stimuli-responsive PEI nanoparticles: AND-logic response and controllable release. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3333-3339.	2.9	32
29	In situ-formed adhesive hyaluronic acid hydrogel with prolonged amnion-derived conditioned medium release for diabetic wound repair. <i>Carbohydrate Polymers</i> , 2022, 276, 118752.	5.1	31
30	Moldable and Removable Wound Dressing Based on Dynamic Covalent Cross-Linking of Thiol-Aldehyde Addition. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4048-4053.	2.6	30
31	Adaptable to Mechanically Stable Hydrogels Based on the Dynamic Covalent Cross-Linking of Thiol-Aldehyde Addition. <i>ACS Macro Letters</i> , 2019, 8, 310-314.	2.3	30
32	Efficient synthetic supramolecular channels and their light-deactivated ion transport in bilayer lipid membranes. <i>New Journal of Chemistry</i> , 2015, 39, 6297-6302.	1.4	28
33	Semiconductor quantum dots photosensitizing release of anticancer drug. <i>Chemical Communications</i> , 2011, 47, 1482-1484.	2.2	23
34	Coumarin Photocaging Groups Modified with an Electron-Rich Styryl Moiety at the 3-Position: Long-Wavelength Excitation, Rapid Photolysis, and Photobleaching. <i>Angewandte Chemie</i> , 2018, 130, 3784-3788.	1.6	23
35	Hyaluronic acid-based antibacterial hydrogels constructed by a hybrid crosslinking strategy for pacemaker pocket infection prevention. <i>Carbohydrate Polymers</i> , 2020, 245, 116525.	5.1	22
36	A well-defined unimolecular channel facilitates chloride transport. <i>Chemical Communications</i> , 2018, 54, 1249-1252.	2.2	18

#	ARTICLE	IF	CITATIONS
37	Oligo(aryl-triazole)s CH ⁻ Cl ⁺ interactions guide chloride efficient and selective transmembrane transport. <i>Chemical Communications</i> , 2016, 52, 13132-13135.	2.2	16
38	Photoreleasable thiol chemistry for facile and efficient bioconjugation. <i>Chemical Communications</i> , 2014, 50, 1256-1258.	2.2	12
39	Visible light controls cell adhesion on a photoswitchable biointerface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 41-48.	2.5	12
40	Intracellular Thiols and Photoillumination Sequentially Activate Doubly Locked Molecular Probes for Long-Term Cell Highlighting and Tracking with Precise Spatial Accuracy. <i>Chemistry - A European Journal</i> , 2014, 20, 16314-16319.	1.7	9
41	Phototriggered labeling and crosslinking by 2-nitrobenzyl alcohol derivatives with amine selectivity. <i>Chemical Communications</i> , 2020, 56, 2264-2267.	2.2	9
42	Development of Acrylamide-Based Rapid and Multicolor Fluorogenic Probes for High Signal-to-Noise Live Cell Imaging. <i>Bioconjugate Chemistry</i> , 2019, 30, 184-191.	1.8	8
43	Photo and Reduction Dual-Responsive Hydrogel for Regulating Cell Adhesion and Cell Sheet Harvest. <i>ACS Applied Bio Materials</i> , 2020, 3, 2410-2418.	2.3	7
44	In vitro Cartilage Regeneration Regulated by a Hydrostatic Pressure Bioreactor Based on Hybrid Photocrosslinkable Hydrogels. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	5