

# Renjie Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

343  
citations

933447

10  
h-index

839539

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular immune sensing promotes inflammation via gasdermin D $\beta$ -driven release of a lectin alarmin. <i>Nature Immunology</i> , 2021, 22, 154-165.	14.5	73
2	Using Self-Assembling Peptides to Integrate Biomolecules into Functional Supramolecular Biomaterials. <i>Molecules</i> , 2019, 24, 1450.	3.8	36
3	Anatomy of a selectively coassembled $\beta$ -sheet peptide nanofiber. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4710-4717.	7.1	32
4	Mannosylated Poly(ethylene imine) Copolymers Enhance saRNA Uptake and Expression in Human Skin Explants. <i>Biomacromolecules</i> , 2020, 21, 2482-2492.	5.4	30
5	Physical tuning of galectin-3 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	20
6	De novo design of peptides that coassemble into $\beta$ -sheet-based nanofibrils. <i>Science Advances</i> , 2021, 7, eabf7668.	10.3	20
7	A <sub>2</sub> B-Miktoarm Glycopolymer Fibers and Their Interactions with Tenocytes. <i>Bioconjugate Chemistry</i> , 2017, 28, 1955-1964.	3.6	17
8	Charge guides pathway selection in $\beta$ -sheet fibrillizing peptide co-assembly. <i>Communications Chemistry</i> , 2020, 3, .	4.5	17
9	Harnessing molecular recognition for localized drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 170, 238-260.	13.7	15
10	Nitroxide-mediated polymerisation of thioacrylates and their transformation into poly(acrylamide)s. <i>Polymer Chemistry</i> , 2020, 11, 982-989.	3.9	11
11	Engineering $\beta$ -Sheet Peptide Coassemblies for Biomaterial Applications. <i>Journal of Physical Chemistry B</i> , 2021, 125, 13599-13609.	2.6	10
12	Guided Cell Attachment via Aligned Electrospinning of Glycopolymers. <i>Macromolecular Bioscience</i> , 2018, 18, 1800293.	4.1	9
13	A Synthetic Tetramer of Galectin-1 and Galectin-3 Amplifies Pro-apoptotic Signaling by Integrating the Activity of Both Galectins. <i>Frontiers in Chemistry</i> , 2019, 7, 898.	3.6	9
14	Characterizing the Physical Properties and Cell Compatibility of Phytoglycogen Extracted from Different Sweet Corn Varieties. <i>Molecules</i> , 2020, 25, 637.	3.8	9
15	Precisely targeted gene delivery in human skin using supramolecular cationic glycopolymers. <i>Polymer Chemistry</i> , 2020, 11, 3768-3774.	3.9	8
16	Injectable nanofibrillar hydrogels based on charge-complementary peptide co-assemblies. <i>Biomaterials Science</i> , 2021, 9, 2494-2507.	5.4	7
17	CATCH Peptides Coassemble into Structurally Heterogeneous $\beta$ -Sheet Nanofibers with Little Preference to $\beta$ -Strand Alignment. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4004-4015.	2.6	7
18	Site-Specific Cross-Linking of Galectin-1 Homodimers via Poly(ethylene glycol) Bismaleimide. <i>Cellular and Molecular Bioengineering</i> , 2021, 14, 523-534.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Chondroitinase ABC/galectin-3 fusion proteins with hyaluronan-based hydrogels stabilize enzyme and provide targeted enzyme activity for neural applications. <i>Journal of Neural Engineering</i> , 2021, 18, 046090.	3.5	4
20	Glycosylation of a Nonfibrillizing Appendage Alters the Self-Assembly Pathway of a Synthetic $\beta$ -Sheet Fibrillizing Peptide. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6559-6571.	2.6	3
21	Tuning Multivalent Signaling of Extracellular Galectin-3. <i>FASEB Journal</i> , 2021, 35, .	0.5	1