

# Yejiao Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3184340/publications.pdf>

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15  
papers

384  
citations

840776

11  
h-index

996975

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all docs

15  
docs citations

15  
times ranked

744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the Potency of Antimicrobial Peptides through Molecular Engineering and Self-Assembly. <i>Biomacromolecules</i> , 2019, 20, 1362-1374.	5.4	75
2	In vitro blood–brain barrier models for drug research: state-of-the-art and new perspectives on reconstituting these models on artificial basement membrane platforms. <i>Drug Discovery Today</i> , 2016, 21, 1367-1386.	6.4	48
3	Disordered protein-graphene oxide co-assembly and supramolecular biofabrication of functional fluidic devices. <i>Nature Communications</i> , 2020, 11, 1182.	12.8	42
4	Enzymatic activation of cell-penetrating peptides in self-assembled nanostructures triggers fibre-to-micelle morphological transition. <i>Chemical Communications</i> , 2017, 53, 7037-7040.	4.1	31
5	Targeted Delivery of Sildenafil for Inhibiting Pulmonary Vascular Remodeling. <i>Hypertension</i> , 2019, 73, 703-711.	2.7	29
6	Nanostructured interfacial self-assembled peptide–polymer membranes for enhanced mineralization and cell adhesion. <i>Nanoscale</i> , 2017, 9, 13670-13682.	5.6	28
7	An Invertebrate Burn Wound Model That Recapitulates the Hallmarks of Burn Trauma and Infection Seen in Mammalian Models. <i>Frontiers in Microbiology</i> , 2020, 11, 998.	3.5	24
8	Targeted co-delivery of daunorubicin and cytarabine based on the hyaluronic acid prodrug modified liposomes. <i>Chinese Chemical Letters</i> , 2022, 33, 4600-4604.	9.0	22
9	Magnetic Field-Induced Alignment of Nanofibrous Supramolecular Membranes: A Molecular Design Approach to Create Tissue-like Biomaterials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 22661-22672.	8.0	21
10	Tuning the matrix metalloproteinase-1 degradability of peptide amphiphile nanofibers through supramolecular engineering. <i>Biomaterials Science</i> , 2019, 7, 5132-5142.	5.4	19
11	Polymyxin B–Triggered Assembly of Peptide Hydrogels for Localized and Sustained Release of Combined Antimicrobial Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101465.	7.6	17
12	Unravelling the Enzymatic Degradation Mechanism of Supramolecular Peptide Nanofibers and Its Correlation with Their Internal Viscosity. <i>Nano Letters</i> , 2020, 20, 7375-7381.	9.1	12
13	Empowering the Potential of Cell-Penetrating Peptides for Targeted Intracellular Delivery via Molecular Self-Assembly. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1030, 265-278.	1.6	6
14	Multifunctional Self-Assembling Peptide-Based Nanostructures for Targeted Intracellular Delivery: Design, Physicochemical Characterization, and Biological Assessment. <i>Methods in Molecular Biology</i> , 2018, 1758, 11-26.	0.9	6
15	Hyaluronan (HA)-inspired glycopolymers as molecular tools for studying HA functions. <i>RSC Chemical Biology</i> , 2021, 2, 568-576.	4.1	4