

# Yijing Tang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

517  
citations

759233

12  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

343  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly stretchable, self-adhesive, biocompatible, conductive hydrogels as fully polymeric strain sensors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20474-20485.	10.3	147
2	A General Crosslinker Strategy to Realize Intrinsic Frozen Resistance of Hydrogels. <i>Advanced Materials</i> , 2021, 33, e2104006.	21.0	82
3	A General Protein Unfolding-Chemical Coupling Strategy for Pure Protein Hydrogels with Mechanically Strong and Multifunctional Properties. <i>Advanced Science</i> , 2022, 9, e2102557.	11.2	40
4	A mechanistic survey of Alzheimer's disease. <i>Biophysical Chemistry</i> , 2022, 281, 106735.	2.8	34
5	Antimicrobial $\beta$ -defensins as multi-target inhibitors against amyloid formation and microbial infection. <i>Chemical Science</i> , 2021, 12, 9124-9139.	7.4	25
6	Introduction and Fundamentals of Human Islet Amyloid Polypeptide Inhibitors. <i>ACS Applied Bio Materials</i> , 2020, 3, 8286-8308.	4.6	20
7	Fundamentals and exploration of aggregation-induced emission molecules for amyloid protein aggregation. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2280-2295.	5.8	20
8	Amyloid cross-seeding between $A\beta^{2}$ and hIAPP in relation to the pathogenesis of Alzheimer and type 2 diabetes. <i>Chinese Journal of Chemical Engineering</i> , 2021, 30, 225-235.	3.5	18
9	Machine Learning-Enabled Repurposing and Design of Antifouling Polymer Brushes. <i>Chemical Engineering Journal</i> , 2021, 420, 129872.	12.7	17
10	Repurposing a Cardiovascular Disease Drug of Cloridarol as hIAPP Inhibitor. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1419-1427.	3.5	15
11	Dual amyloid cross-seeding reveals steric zipper-facilitated fibrillization and pathological links between protein misfolding diseases. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3300-3316.	5.8	15
12	Machine Learning-Enabled Design and Prediction of Protein Resistance on Self-Assembled Monolayers and Beyond. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 11306-11319.	8.0	14
13	Design and Engineering of Amyloid Aggregation-Prone Fragments and Their Antimicrobial Conjugates with Multi-Target Functionality. <i>Advanced Functional Materials</i> , 2021, 31, 2102978.	14.9	13
14	Aromadendrin: a dual amyloid promoter to accelerate fibrillization and reduce cytotoxicity of both amyloid- $\beta^2$ and hIAPP. <i>Materials Advances</i> , 2020, 1, 1241-1252.	5.4	11
15	Mechanically Strong Metal-Organic Framework Nanoparticle-Based Double Network Hydrogels for Fluorescence Imaging. <i>ACS Applied Nano Materials</i> , 2022, 5, 1348-1355.	5.0	11
16	Molecular Dynamics Simulations of Cholesterol Effects on the Interaction of hIAPP with Lipid Bilayer. <i>Journal of Physical Chemistry B</i> , 2020, 124, 7830-7841.	2.6	8
17	Cross-seeding between $A\beta^2$ and SEVI indicates a pathogenic link and gender difference between alzheimer diseases and AIDS. <i>Communications Biology</i> , 2022, 5, 417.	4.4	8
18	A new strategy to reconcile amyloid cross-seeding and amyloid prevention in a binary system of $\beta$ -synuclein fragmental peptide and hIAPP. <i>Protein Science</i> , 2022, 31, 485-497.	7.6	7

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19	Conformational-specific self-assembled peptides as dual-mode, multi-target inhibitors and detectors for different amyloid proteins. <i>Journal of Materials Chemistry B</i> , 2022, 10, 1754-1762.	5.8	6
20	Repurposing of intestinal defensins as multi-target, dual-function amyloid inhibitors <i>via</i> cross-seeding. <i>Chemical Science</i> , 2022, 13, 7143-7156.	7.4	6
21	Design and Engineering of Amyloid Aggregation-Prone Fragments and Their Antimicrobial Conjugates with Multi-Target Functionality ( <i>Adv. Funct. Mater.</i> 32/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170236.	14.9	0