

# Wan-Xia Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6228549/publications.pdf>

Version: 2024-02-01

19  
papers

290  
citations

933447

10  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

417  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of fluorophore-tagged polymeric drug delivery vehicles with multiple biological stimuli-triggered drug release. <i>Materials Science and Engineering C</i> , 2020, 108, 110358.	7.3	7
2	Rational Construction of a Mitochondrial Targeting, Fluorescent Self-Reporting Drug-Delivery Platform for Combined Enhancement of Endogenous ROS Responsiveness. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 32432-32445.	8.0	15
3	Lipase-catalyzed synthesis and post-polymerization modification of new fully bio-based poly(hexamethylene $\hat{1}^3$ -ketopimelate) and poly(hexamethylene $\hat{1}^3$ -ketopimelate-co-hexamethylene) Tj ETQq1 1.0.784314 rgBT / Overlock 10 Tf 50 302 To	3.4	7
4	Novozym 435-Catalyzed Synthesis of Well-Defined Hyperbranched Aliphatic Poly( $\hat{1}^2$ -thioether ester). <i>Molecules</i> , 2020, 25, 687.	3.8	5
5	Lipase-catalyzed synthesis of pH-responsive poly( $\hat{1}^2$ -thioether ester)-b-poly(ethylene) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 302 To	3.4	7
6	Lipase-catalyzed synthesis of aliphatic poly( $\hat{1}^2$ -thioether ester) with various methylene group contents: thermal properties, crystallization and degradation. <i>Polymer International</i> , 2019, 68, 1848-1855.	3.1	7
7	GSH/pH dual-responsive biodegradable camptothecin polymeric prodrugs combined with doxorubicin for synergistic anticancer efficiency. <i>Biomaterials Science</i> , 2019, 7, 3277-3286.	5.4	33
8	Lipase-catalyzed synthesis of renewable acid-degradable poly( $\hat{1}^2$ -thioether ester) and poly( $\hat{1}^2$ -thioether) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 302 To	5.4	11
9	Amphiphilic polymers formed from ring-opening polymerization: a strategy for the enhancement of gene delivery. <i>Biomaterials Science</i> , 2017, 5, 718-729.	5.4	14
10	Water-soluble mitochondria-targeting polymeric prodrug micelles for fluorescence monitoring and high intracellular anticancer efficiency. <i>Polymer Chemistry</i> , 2017, 8, 5982-5987.	3.9	10
11	Lipase-catalyzed synthesis of oxidation-responsive poly(ethylene glycol)-b-poly( $\hat{1}^2$ -thioether ester) amphiphilic block copolymers. <i>RSC Advances</i> , 2016, 6, 11870-11879.	3.6	39
12	Lipase-catalyzed synthesis of acid-degradable poly( $\hat{1}^2$ -thioether ester) and poly( $\hat{1}^2$ -thioether) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 302 To	3.8	28
13	Lipase-catalyzed regioselective domino reaction for the synthesis of chromenone derivatives. <i>RSC Advances</i> , 2015, 5, 78927-78932.	3.6	9
14	Novel biocompatible fluorescent polymeric micelles based on 1,8-naphthalimide derivatives for cell imaging. <i>Polymer Chemistry</i> , 2015, 6, 364-368.	3.9	6
15	Linear TACN-based cationic polymers as non-viral gene vectors. <i>RSC Advances</i> , 2014, 4, 59164-59174.	3.6	8
16	Low molecular weight PEI-appended polyesters as non-viral gene delivery vectors. <i>European Journal of Medicinal Chemistry</i> , 2014, 78, 118-125.	5.5	21
17	Trypsin-catalyzed tandem reaction: One-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones by in situ formed acetaldehyde. <i>Journal of Biotechnology</i> , 2014, 170, 1-5.	3.8	30
18	Lipase-catalyzed synthesis of azido-functionalized aliphatic polyesters towards acid-degradable amphiphilic graft copolymers. <i>Soft Matter</i> , 2014, 10, 1199.	2.7	31

#	ARTICLE	IF	CITATIONS
19	Enzymatic Synthesis and Characterization of Thermosensitive Polyester with Pendent Ketoprofen. Polymers, 2013, 5, 1158-1168.	4.5	7