

# Wan-Xia Wu

## List of Publications by Year in descending order

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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	Lipase-catalyzed synthesis of oxidation-responsive poly(ethylene glycol)-b-poly( $\hat{I}^2$ -thioether ester) amphiphilic block copolymers. RSC Advances, 2016, 6, 11870-11879.	3.6	39
2	GSH/pH dual-responsive biodegradable camptothecin polymeric prodrugs combined with doxorubicin for synergistic anticancer efficiency. Biomaterials Science, 2019, 7, 3277-3286.	5.4	33
3	Lipase-catalyzed synthesis of azido-functionalized aliphatic polyesters towards acid-degradable amphiphilic graft copolymers. Soft Matter, 2014, 10, 1199.	2.7	31
4	Trypsin-catalyzed tandem reaction: One-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones by in situ formed acetaldehyde. Journal of Biotechnology, 2014, 170, 1-5.	3.8	30
5	Lipase-catalyzed synthesis of acid-degradable poly( $\hat{I}^2$ -thioether ester) and poly( $\hat{I}^2$ -thioether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.8	28
6	Low molecular weight PEI-appended polyesters as non-viral gene delivery vectors. European Journal of Medicinal Chemistry, 2014, 78, 118-125.	5.5	21
7	Rational Construction of a Mitochondrial Targeting, Fluorescent Self-Reporting Drug-Delivery Platform for Combined Enhancement of Endogenous ROS Responsiveness. ACS Applied Materials & Interfaces, 2020, 12, 32432-32445.	8.0	15
8	Amphiphilic polymers formed from ring-opening polymerization: a strategy for the enhancement of gene delivery. Biomaterials Science, 2017, 5, 718-729.	5.4	14
9	Lipase-catalyzed synthesis of renewable acid-degradable poly( $\hat{I}^2$ -thioether ester) and poly( $\hat{I}^2$ -thioether) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 109315.	5.4	11
10	Water-soluble mitochondria-targeting polymeric prodrug micelles for fluorescence monitoring and high intracellular anticancer efficiency. Polymer Chemistry, 2017, 8, 5982-5987.	3.9	10
11	Lipase-catalyzed regioselective domino reaction for the synthesis of chromenone derivatives. RSC Advances, 2015, 5, 78927-78932.	3.6	9
12	Linear TACN-based cationic polymers as non-viral gene vectors. RSC Advances, 2014, 4, 59164-59174.	3.6	8
13	Enzymatic Synthesis and Characterization of Thermosensitive Polyester with Pendent Ketoprofen. Polymers, 2013, 5, 1158-1168.	4.5	7
14	Lipase-catalyzed synthesis of pH-responsive poly( $\hat{I}^2$ -thioether ester)-b-poly(ethylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 International Journal of Polymeric Materials and Polymeric Biomaterials, 2019, 68, 564-574.	3.4	7
15	Lipase-catalyzed synthesis of aliphatic poly( $\hat{I}^2$ -thioether ester) with various methylene group contents: thermal properties, crystallization and degradation. Polymer International, 2019, 68, 1848-1855.	3.1	7
16	Preparation of fluorophore-tagged polymeric drug delivery vehicles with multiple biological stimuli-triggered drug release. Materials Science and Engineering C, 2020, 108, 110358.	7.3	7
17	Novel biocompatible fluorescent polymeric micelles based on 1,8-naphthalimide derivatives for cell imaging. Polymer Chemistry, 2015, 6, 364-368.	3.9	6
18	Novozym 435-Catalyzed Synthesis of Well-Defined Hyperbranched Aliphatic Poly( $\hat{I}^2$ -thioether ester). Molecules, 2020, 25, 687.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Lipase-catalyzed synthesis and post-polymerization modification of new fully bio-based poly(hexamethylene $\epsilon^3$ -ketopimelate) and poly(hexamethylene $\epsilon^3$ -ketopimelate-co-hexamethylene) Tj ETQq1 3.0.7843 14 rgBT /Ov		