

# Hanze Ying

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3706552/publications.pdf>

Version: 2024-02-01

18  
papers

2,428  
citations

759233

12  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

3970  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioresorbable silicon electronic sensors for the brain. <i>Nature</i> , 2016, 530, 71-76.	27.8	778
2	Dynamic urea bond for the design of reversible and self-healing polymers. <i>Nature Communications</i> , 2014, 5, 3218.	12.8	738
3	Malleable and Recyclable Poly(urea-urethane) Thermosets bearing Hindered Urea Bonds. <i>Advanced Materials</i> , 2016, 28, 7646-7651.	21.0	318
4	Hydrolyzable Polyureas Bearing Hindered Urea Bonds. <i>Journal of the American Chemical Society</i> , 2014, 136, 16974-16977.	13.7	138
5	Bacteria-Assisted Activation of Antimicrobial Polypeptides by a Random-Coil to Helix Transition. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10826-10829.	13.8	108
6	Biodegradable Polyanhydrides as Encapsulation Layers for Transient Electronics. <i>Advanced Functional Materials</i> , 2020, 30, 2000941.	14.9	67
7	Recyclable, Self-Healable, and Highly Malleable Poly(urethane-urea)s with Improved Thermal and Mechanical Performances. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35403-35414.	8.0	63
8	Polycyclic Imide Derivatives: Synthesis and Effective Tuning of Lowest Unoccupied Molecular Orbital Levels through Molecular Engineering. <i>Organic Letters</i> , 2010, 12, 5522-5525.	4.6	50
9	Alkylene-Chain Effect on Microwire Growth and Crystal Packing of $\pi$ -Moieties. <i>Chemistry of Materials</i> , 2012, 24, 1944-1949.	6.7	45
10	Reconfigurable Poly(urea-urethane) Thermoset Based on Hindered Urea Bonds with Triple-Shape-Memory Performance. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900148.	2.2	33
11	CD44 Mediated Nonviral Gene Delivery into Human Embryonic Stem Cells via Hyaluronic-Acid-Coated Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 326-335.	5.2	28
12	Degradable and biocompatible hydrogels bearing a hindered urea bond. <i>Biomaterials Science</i> , 2017, 5, 2398-2402.	5.4	18
13	Dynamic Ureas with Fast and pH-Independent Hydrolytic Kinetics. <i>Chemistry - A European Journal</i> , 2018, 24, 7345-7348.	3.3	12
14	Near quantitative synthesis of urea macrocycles enabled by bulky N-substituent. <i>Nature Communications</i> , 2021, 12, 1572.	12.8	12
15	Bacteria-Assisted Activation of Antimicrobial Polypeptides by a Random-Coil to Helix Transition. <i>Angewandte Chemie</i> , 2017, 129, 10966-10969.	2.0	8
16	Hindered Urea Bond: A Bilaterally Responsive Chemistry to Hydrogen Peroxide. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 728-731.	2.4	6
17	Stabilization of the hindered urea bond through de- <i>tert</i> -butylation. <i>Chemical Communications</i> , 2021, 57, 3812-3815.	4.1	6
18	One-step construction of aminosquaraine backbone. <i>Dyes and Pigments</i> , 2016, 131, 264-267.	3.7	0