

Hanze Ying

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3706552/hanze-ying-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

1,766
citations

12
h-index

18
g-index

18
ext. papers

2,072
ext. citations

11.9
avg, IF

4.78
L-index

#	Paper	IF	Citations
18	Bioresorbable silicon electronic sensors for the brain. <i>Nature</i> , 2016 , 530, 71-6	50.4	582
17	Dynamic urea bond for the design of reversible and self-healing polymers. <i>Nature Communications</i> , 2014 , 5, 3218	17.4	560
16	Malleable and Recyclable Poly(urea-urethane) Thermosets bearing Hindered Urea Bonds. <i>Advanced Materials</i> , 2016 , 28, 7646-51	24	230
15	Hydrolyzable polyureas bearing hindered urea bonds. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16974-7	16.4	96
14	Bacteria-Assisted Activation of Antimicrobial Polypeptides by a Random-Coil to Helix Transition. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10826-10829	16.4	77
13	Polycyclic imide derivatives: synthesis and effective tuning of lowest unoccupied molecular orbital levels through molecular engineering. <i>Organic Letters</i> , 2010 , 12, 5522-5	6.2	47
12	Alkylene-Chain Effect on Microwire Growth and Crystal Packing of π Moieties. <i>Chemistry of Materials</i> , 2012 , 24, 1944-1949	9.6	41
11	Biodegradable Polyanhydrides as Encapsulation Layers for Transient Electronics. <i>Advanced Functional Materials</i> , 2020 , 30, 2000941	15.6	32
10	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	5.5	26
9	Recyclable, Self-Healable, and Highly Malleable Poly(urethane-urea)s with Improved Thermal and Mechanical Performances. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35403-35414	9.5	23
8	Reconfigurable Poly(urea-urethane) Thermoset Based on Hindered Urea Bonds with Triple-Shape-Memory Performance. <i>Macromolecular Chemistry and Physics</i> , 2019 , 220, 1900148	2.6	17
7	Degradable and biocompatible hydrogels bearing a hindered urea bond. <i>Biomaterials Science</i> , 2017 , 5, 2398-2402	7.4	12
6	Dynamic Ureas with Fast and pH-Independent Hydrolytic Kinetics. <i>Chemistry - A European Journal</i> , 2018 , 24, 7345-7348	4.8	8
5	Bacteria-Assisted Activation of Antimicrobial Polypeptides by a Random-Coil to Helix Transition. <i>Angewandte Chemie</i> , 2017 , 129, 10966-10969	3.6	6
4	Hindered Urea Bond: A Bilaterally Responsive Chemistry to Hydrogen Peroxide. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 728-731	3.2	5
3	Near quantitative synthesis of urea macrocycles enabled by bulky N-substituent. <i>Nature Communications</i> , 2021 , 12, 1572	17.4	4
2	Stabilization of the hindered urea bond through de-tert-butylation. <i>Chemical Communications</i> , 2021 , 57, 3812-3815	5.8	0

- 1 One-step construction of aminosquaraine backbone. *Dyes and Pigments*, **2016**, 131, 264-267 4.6