

Jialiu Zeng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1342080/publications.pdf>

Version: 2024-02-01

14
papers

1,846
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

3059
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	1,430
2	IRGM1 links mitochondrial quality control to autoimmunity. <i>Nature Immunology</i> , 2021, 22, 312-321.	14.5	67
3	Lysosome acidification by photoactivated nanoparticles restores autophagy under lipotoxicity. <i>Journal of Cell Biology</i> , 2016, 214, 25-34.	5.2	59
4	An in vitro method for the prediction of renal proximal tubular toxicity in humans. <i>Toxicology Research</i> , 2013, 2, 352.	2.1	53
5	Synthesis of Altrose Poly-amido-saccharides with β -N-(1 β)-amide Linkages: A Right-Handed Helical Conformation Engineered in at the Monomer Level. <i>Journal of the American Chemical Society</i> , 2017, 139, 14217-14223.	13.7	36
6	Nanoparticle-mediated lysosomal reacidification restores mitochondrial turnover and function in β cells under lipotoxicity. <i>FASEB Journal</i> , 2019, 33, 4154-4165.	0.5	29
7	Biodegradable PLGA Nanoparticles Restore Lysosomal Acidity and Protect Neural PC-12 Cells against Mitochondrial Toxicity. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 13910-13917.	3.7	28
8	Grafting of ZnS:Mn-Doped Nanocrystals and an Anticancer Drug onto Graphene Oxide for Delivery and Cell Labeling. <i>ChemPlusChem</i> , 2016, 81, 100-107.	2.8	26
9	Nanoparticle tumor localization, disruption of autophagosomal trafficking, and prolonged drug delivery improve survival in peritoneal mesothelioma. <i>Biomaterials</i> , 2016, 102, 175-186.	11.4	25
10	Degradable Nanoparticles Restore Lysosomal pH and Autophagic Flux in Lipotoxic Pancreatic Beta Cells. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801511.	7.6	23
11	Silica-Coated Mn-Doped ZnS Nanocrystals for Cancer Theranostics. <i>ACS Applied Nano Materials</i> , 2020, 3, 3088-3096.	5.0	23
12	Biologically Active Branched Polysaccharide Mimetics: Synthesis via Ring-Opening Polymerization of a Maltose-Based β -Lactam. <i>ACS Macro Letters</i> , 2018, 7, 772-777.	4.8	19
13	Modulating lysosomal pH: a molecular and nanoscale materials design perspective. <i>Journal of Life Sciences (Westlake Village, Calif)</i> , 2020, 2, 25-37.	1.8	17
14	Application of polymersomes in membrane protein study and drug discovery: Progress, strategies, and perspectives. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	11