

# Teh-Min Hu

## List of Publications by Year in descending order

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34  
papers

488  
citations

687363

13  
h-index

713466

21  
g-index

36  
all docs

36  
docs citations

36  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Allometric scaling of xenobiotic clearance: Uncertainty versus universality. <i>AAPS PharmSci</i> , 2001, 3, 30-43.	1.3	72
2	Preclinical evaluation of a nanoformulated antihelminthic, niclosamide, in ovarian cancer. <i>Oncotarget</i> , 2016, 7, 8993-9006.	1.8	66
3	The kinetics of thiol-mediated decomposition of S-nitrosothiols. <i>AAPS Journal</i> , 2006, 8, E485-E492.	4.4	39
4	Versatile Synthesis of Thiol- and Amine-Bifunctionalized Silica Nanoparticles Based on the Ouzo Effect. <i>Langmuir</i> , 2014, 30, 7676-7686.	3.5	28
5	Direct Formation of <i>S</i> -Nitroso Silica Nanoparticles from a Single Silica Source. <i>Langmuir</i> , 2014, 30, 812-822.	3.5	24
6	An efficient S-NO-polysilsesquioxane nano-platform for the co-delivery of nitric oxide and an anticancer drug. <i>Chemical Communications</i> , 2015, 51, 15649-15652.	4.1	24
7	Kinetic Modeling of Nitric-Oxide-Associated Reaction Network. <i>Pharmaceutical Research</i> , 2006, 23, 1702-1711.	3.5	23
8	Determination of guaiphenesin in anti-tussive pharmaceutical preparations containing dextromethorphan by first- and second-derivative ultraviolet spectrophotometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1994, 12, 747-752.	2.8	19
9	From a silane monomer to anisotropic buckled silica nanospheres: a polymer-mediated, solvent-free and one-pot synthesis. <i>Soft Matter</i> , 2017, 13, 5950-5960.	2.7	16
10	Determination of Galactose in Human Blood by High-Performance Liquid Chromatography: Comparison with an Enzymatic Method and Application to the Pharmacokinetic Study of Galactose in Patients with Liver Dysfunction. <i>Journal of Pharmaceutical Sciences</i> , 1995, 84, 231-235.	3.3	15
11	Nitrosation-modulating effect of ascorbate in a model dynamic system of coexisting nitric oxide and superoxide. <i>Free Radical Research</i> , 2010, 44, 552-562.	3.3	15
12	Nitric oxide-releasing S-nitrosothiol-modified silica/chitosan core-shell nanoparticles. <i>Polymer</i> , 2015, 57, 70-76.	3.8	15
13	LbL Assembly of Albumin on Nitric Oxide-Releasing Silica Nanoparticles Using Suramin, a Polyanion Drug, as an Interlayer Linker. <i>Biomacromolecules</i> , 2015, 16, 2288-2295.	5.4	15
14	Dynamic and biphasic modulation of nitrosation reaction by superoxide dismutases. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 1125-1134.	2.1	12
15	Architecture of the drug-drug interaction network. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2011, 36, 135-143.	1.5	12
16	Similarity and dissimilarity of thiols as anti-nitrosative agents in the nitric oxide-superoxide system. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 785-789.	2.1	11
17	Silica Ouzo Effect: Amphiphilic Drugs Facilitate Nanoprecipitation of Polycondensed Mercaptosilanes. <i>Langmuir</i> , 2016, 32, 211-220.	3.5	11
18	Analysis of Pharmacokinetic and Pharmacodynamic Parameters in EU- Versus US-Licensed Reference Biological Products: Are In Vivo Bridging Studies Justified for Biosimilar Development?. <i>BioDrugs</i> , 2019, 33, 437-446.	4.6	9

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19	<i>S</i> -Nitrosothiols (SNO) as light-responsive molecular activators for post-synthesis fluorescence augmentation in fluorophore-loaded nanospheres. <i>Journal of Materials Chemistry B</i> , 2018, 6, 153-164.	5.8	7
20	Facile green synthesis of organosilica nanoparticles by a generic "salt route". <i>Journal of Colloid and Interface Science</i> , 2019, 539, 634-645.	9.4	7
21	Versatile composite hydrogels for drug delivery and beyond. <i>Journal of Materials Chemistry B</i> , 2020, 8, 8830-8837.	5.8	7
22	The effect of aging on the pharmacokinetics of nalbuphine in rabbits. <i>Biopharmaceutics and Drug Disposition</i> , 1995, 16, 695-703.	1.9	6
23	A General Biphasic Bodyweight Model for Scaling Basal Metabolic Rate, Glomerular Filtration Rate, and Drug Clearance from Birth to Adulthood. <i>AAPS Journal</i> , 2022, 24, 67.	4.4	6
24	Comparative kinetics of thiol oxidation in two distinct free-radical generating systems: SIN-1 versus AAPH. <i>Free Radical Research</i> , 2012, 46, 1190-1200.	3.3	5
25	Nitroxidative chemistry interferes with fluorescent probe chemistry: Implications for nitric oxide detection using 2,3-diaminonaphthalene. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 196-201.	2.1	5
26	Organosilica colloids as nitric oxide carriers: Pharmacokinetics and biocompatibility. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 208, 112136.	5.0	4
27	Formation of organosilica nanoparticles with dual functional groups and simultaneous payload entrapment. <i>Journal of Microencapsulation</i> , 2018, 35, 381-391.	2.8	3
28	Turning proteins into hydrophobic floatable materials with multiple potential applications. <i>Journal of Colloid and Interface Science</i> , 2019, 554, 166-176.	9.4	3
29	Superoxide Dismutase as a Novel Macromolecular Nitric Oxide Carrier: Preparation and Characterization. <i>International Journal of Molecular Sciences</i> , 2012, 13, 13985-14001.	4.1	2
30	Kinetics of fluoride-catalysed synthesis of organosilica colloids in aqueous solutions of amphiphiles. <i>RSC Advances</i> , 2019, 9, 28028-28037.	3.6	2
31	Stable Encapsulation of Methylene Blue in Polysulfide Organosilica Colloids for Fluorescent Tracking of Nanoparticle Uptake in Cells. <i>ACS Omega</i> , 2021, 6, 32109-32119.	3.5	2
32	Solvent-mediated browning of proteins and amino acids. <i>Biochemical and Biophysical Research Communications</i> , 2021, 536, 67-72.	2.1	1
33	Allometric Scaling. , 0, , 1009-1035.		1
34	Co-delivery of nitric oxide and camptothecin using organic-inorganic composite colloidal particles for enhanced anticancer activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 632, 127740.	4.7	1