

# Zhimin Tao

## List of Publications by Year in descending order

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41  
papers

2,852  
citations

257101

24  
h-index

264894

42  
g-index

45  
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45  
docs citations

45  
times ranked

4387  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Between Red Blood Cell Distribution Width and COVID-19 Severity in Delta Variant SARS-CoV-2 Infection. <i>Frontiers in Medicine</i> , 2022, 9, 837411.	1.2	6
2	Clinical Characteristics of COVID-19 Patients Infected by the Omicron Variant of SARS-CoV-2. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	39
3	Effect of Comorbid Diabetes on Clinical Characteristics of COVID-19 Patients Infected by the Wild-Type or Delta Variant of SARS-CoV-2. <i>Frontiers in Endocrinology</i> , 2022, 13, .	1.5	1
4	Polymalic acid for translational nanomedicine. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	4.2	7
5	Biosynthetic Polymalic Acid as a Delivery Nanoplatfrom for Translational Cancer Medicine. <i>Trends in Biochemical Sciences</i> , 2021, 46, 213-224.	3.7	14
6	Differentiation of COVID-19 from seasonal influenza: A multicenter comparative study. <i>Journal of Medical Virology</i> , 2021, 93, 1512-1519.	2.5	30
7	Platelet-driven coagulopathy in COVID-19 patients: in comparison to seasonal influenza cases. <i>Experimental Hematology and Oncology</i> , 2021, 10, 34.	2.0	15
8	Differently PEGylated Polymer Nanoparticles for Pancreatic Cancer Delivery: Using a Novel Near-Infrared Emissive and Biodegradable Polymer as the Fluorescence Tracer. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 699610.	2.0	4
9	Extracellular vesicles as delivery systems at nano-/micro-scale. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 113910.	6.6	45
10	Comparative Study of Acute Lung Injury in COVID-19 and Non-COVID-19 Patients. <i>Frontiers in Medicine</i> , 2021, 8, 666629.	1.2	19
11	Differences in Clinical Characteristics Between Delta Variant and Wild-Type SARS-CoV-2 Infected Patients. <i>Frontiers in Medicine</i> , 2021, 8, 792135.	1.2	42
12	Differences in Nanoparticle Uptake in Transplanted and Autochthonous Models of Pancreatic Cancer. <i>Nano Letters</i> , 2018, 18, 2195-2208.	4.5	20
13	Early tumor detection afforded by in vivo imaging of near-infrared II fluorescence. <i>Biomaterials</i> , 2017, 134, 202-215.	5.7	100
14	Improving the dissolution of fenofibrate with yeast cell-derived hollow core/shell carbon microparticles. <i>RSC Advances</i> , 2016, 6, 30226-30233.	1.7	2
15	Progressive Saturation Improves the Encapsulation of Functional Proteins in Nanoscale Polymer Vesicles. <i>Pharmaceutical Research</i> , 2016, 33, 573-589.	1.7	13
16	Nanostructured TiO <sub>2</sub> Catalyzed Oxidations of Caffeine and Isocaffeine and Their Cytotoxicity and Genotoxicity Towards Ovarian Cancer Cells. <i>BioNanoScience</i> , 2014, 4, 27-36.	1.5	9
17	Facile oxidation of superaligned carbon nanotube films for primary cell culture and genetic engineering. <i>Journal of Materials Chemistry B</i> , 2014, 2, 471-476.	2.9	11
18	Dendritic Silica Nanomaterials (KCC-1) with Fibrous Pore Structure Possess High DNA Adsorption Capacity and Effectively Deliver Genes In Vitro. <i>Langmuir</i> , 2014, 30, 10886-10898.	1.6	88

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19	Mesoporous silica-based nanodevices for biological applications. RSC Advances, 2014, 4, 18961.	1.7	83
20	Carbon Nanotube Thin Film-Supported Fibroblast and Pluripotent Stem Cell Growth. BioNanoScience, 2014, 4, 288-300.	1.5	5
21	Microparticle, nanoparticle, and stem cell-based oxygen carriers as advanced blood substitutes. Trends in Biotechnology, 2014, 32, 466-473.	4.9	60
22	Ultrafast fluorescence imaging in vivo with conjugated polymer fluorophores in the second near-infrared window. Nature Communications, 2014, 5, 4206.	5.8	470
23	Biological Imaging Using Nanoparticles of Small Organic Molecules with Fluorescence Emission at Wavelengths Longer than 1000 nm. Angewandte Chemie - International Edition, 2013, 52, 13002-13006.	7.2	261
24	Semiconductor and Plasmonic Photocatalysis for Selective Organic Transformations. Current Organic Chemistry, 2013, 17, 1274-1287.	0.9	11
25	A mild and recyclable nano-sized nickel catalyst for the Stille reaction in water. Catalysis Science and Technology, 2012, 2, 707.	2.1	37
26	Biocompatibility of Mesoporous Silica Nanoparticles. Chemical Research in Toxicology, 2012, 25, 2265-2284.	1.7	341
27	Mesoporous silica and organosilica materials—Review of their synthesis and organic functionalization. Canadian Journal of Chemistry, 2012, 90, 1015-1031.	0.6	74
28	Improving the Adsorption and Release Capacity of Organic-Functionalized Mesoporous Materials to Drug Molecules with Temperature and Synthetic Methods. Journal of Physical Chemistry C, 2011, 115, 13135-13150.	1.5	51
29	Mesoporous Silica Microparticles Enhance the Cytotoxicity of Anticancer Platinum Drugs. ACS Nano, 2010, 4, 789-794.	7.3	133
30	Isomer-Dependent Adsorption and Release of Cis- and Trans-platin Anticancer Drugs by Mesoporous Silica Nanoparticles. Langmuir, 2010, 26, 8914-8924.	1.6	32
31	Functionalized mesoporous materials for adsorption and release of different drug molecules: A comparative study. Journal of Solid State Chemistry, 2009, 182, 1649-1660.	1.4	140
32	Kinetic Studies on Enzyme-Catalyzed Reactions: Oxidation of Glucose, Decomposition of Hydrogen Peroxide and Their Combination. Biophysical Journal, 2009, 96, 2977-2988.	0.2	72
33	Mesoporosity and Functional Group Dependent Endocytosis and Cytotoxicity of Silica Nanomaterials. Chemical Research in Toxicology, 2009, 22, 1869-1880.	1.7	117
34	Accelerated Oxidation of Epinephrine by Silica Nanoparticles. Langmuir, 2009, 25, 10183-10188.	1.6	37
35	Quantitative measure of cytotoxicity of anticancer drugs and other agents. Analytical Biochemistry, 2008, 381, 43-52.	1.1	21
36	Oxygen Measurement via Phosphorescence: Reaction of Sodium Dithionite with Dissolved Oxygen. Journal of Physical Chemistry A, 2008, 112, 1511-1518.	1.1	33

#	ARTICLE	IF	CITATIONS
37	Mesoporous Silica Nanoparticles Inhibit Cellular Respiration. Nano Letters, 2008, 8, 1517-1526.	4.5	104
38	Caspase Activation by Anticancer Drugs: The Caspase Storm. Molecular Pharmaceutics, 2007, 4, 583-595.	2.3	33
39	Study on Caspase-Induced Mitochondrial Dysfunction by Anticancer Drugs. Current Drug Therapy, 2007, 2, 233-235.	0.2	2
40	Dactinomycin Impairs Cellular Respiration and Reduces Accompanying ATP Formation. Molecular Pharmaceutics, 2006, 3, 762-772.	2.3	13
41	Inhibition of Cellular Respiration by Doxorubicin. Chemical Research in Toxicology, 2006, 19, 1051-1058.	1.7	35