

# Zhen Yang

## List of Publications by Year in descending order

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26  
papers

934  
citations

535685

17  
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620720

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26  
docs citations

26  
times ranked

1712  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trehalose Ameliorates Diabetic Cardiomyopathy: Role of the PK2/PKR Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	1.9	5
2	Prokineticin 2 (PK2) Rescues Cardiomyocytes from High Glucose/High Palmitic Acid-Induced Damage by Regulating the AKT/GSK3 $\beta$ Pathway In Vitro. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	1.9	10
3	Metformin Ameliorates Diabetic Cardiomyopathy by Activating the PK2/PKR Pathway. <i>Frontiers in Physiology</i> , 2020, 11, 425.	1.3	32
4	Copper-Catalyzed Dihydroquinolinone Synthesis from Isocyanides and O-Benzoyl Hydroxylamines. <i>Journal of Organic Chemistry</i> , 2019, 84, 3725-3734.	1.7	12
5	Metformin Ameliorates Testicular Damage in Male Mice with Streptozotocin-Induced Type 1 Diabetes through the PK2/PKR Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	1.9	35
6	Atom-Economic Silver-Catalyzed Difunctionalization of the Isocyano Group with Cyclic Oximes: Towards Pyrimidinediones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5720-5724.	7.2	29
7	Atom-Economic Silver-Catalyzed Difunctionalization of the Isocyano Group with Cyclic Oximes: Towards Pyrimidinediones. <i>Angewandte Chemie</i> , 2018, 130, 5822-5826.	1.6	5
8	Construction of Benzene Rings by Copper-Catalyzed Cycloaddition Reactions of Oximes and Maleimides: An Access to Fused Phthalimides. <i>Organic Letters</i> , 2018, 20, 1216-1219.	2.4	43
9	Disulfide-containing agamatinib-cystaminebisacrylamide polymer demonstrates better transfection efficiency and lower cytotoxicity than polyethylenimine in NIH/3T3 cells. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 1767-1779.	1.2	7
10	Curcumin Attenuates Testicular Injury in Rats with Streptozotocin-Induced Diabetes. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	38
11	Dissolution enhancement of tadalafil by liquisolid technique. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 77-89.	1.1	23
12	Recent advances on extracellular vesicles in therapeutic delivery: Challenges, solutions, and opportunities. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 119, 381-395.	2.0	45
13	Exploring the role of peptides in polymer-based gene delivery. <i>Acta Biomaterialia</i> , 2017, 60, 23-37.	4.1	21
14	Uptake Pathways of Guandinylated Disulfide Containing Polymers as Nonviral Gene Carrier Delivering DNA to Cells. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 903-913.	1.2	3
15	Structure-Function Correlations of Poly(Amido Amine)s for Gene Delivery. <i>Macromolecular Bioscience</i> , 2017, 17, 1600297.	2.1	13
16	Novel guanidinylated bioresponsive poly(amidoamine)s designed for short hairpin RNA delivery. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6651-6666.	3.3	23
17	Guanidinylated bioresponsive poly(amido amine)s designed for intranuclear gene delivery. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4011-4024.	3.3	14
18	Factors influencing the nuclear targeting ability of nuclear localization signals. <i>Journal of Drug Targeting</i> , 2016, 24, 927-933.	2.1	35

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19	A method for the preparation of sustained release-coated Metoprolol Succinate pellet-containing tablets. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 943-950.	1.1	11
20	Enhancement of skin permeation of bufalin by limonene via reservoir type transdermal patch: Formulation design and biopharmaceutical evaluation. <i>International Journal of Pharmaceutics</i> , 2013, 447, 231-240.	2.6	51
21	Bioavailability and Pharmacokinetics of Genistein: Mechanistic Studies on its ADME. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 1264-1280.	0.9	167
22	Breast Cancer Resistance Protein (ABCG2) Determines Distribution of Genistein Phase II Metabolites: Reevaluation of the Roles of ABCG2 in the Disposition of Genistein. <i>Drug Metabolism and Disposition</i> , 2012, 40, 1883-1893.	1.7	57
23	Inhibition of P-Glycoprotein Leads to Improved Oral Bioavailability of Compound K, an Anticancer Metabolite of Red Ginseng Extract Produced by Gut Microflora. <i>Drug Metabolism and Disposition</i> , 2012, 40, 1538-1544.	1.7	66
24	Enhancement of Oral Bioavailability of 20(S)-Ginsenoside Rh2 through Improved Understanding of Its Absorption and Efflux Mechanisms. <i>Drug Metabolism and Disposition</i> , 2011, 39, 1866-1872.	1.7	75
25	Biopharmaceutical and pharmacokinetic characterization of matrine as determined by a sensitive and robust UPLC-MS/MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 1120-1127.	1.4	44
26	Simultaneous determination of genistein and its four phase II metabolites in blood by a sensitive and robust UPLC-MS/MS method: Application to an oral bioavailability study of genistein in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 81-89.	1.4	70