

# Nan Zhang

## List of Publications by Year in descending order

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43  
papers

1,021  
citations

430874

18  
h-index

454955

30  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1371  
citing authors

#	ARTICLE	IF	CITATIONS
1	CXCR4 Receptor Overexpression in Mesenchymal Stem Cells Facilitates Treatment of Acute Lung Injury in Rats. <i>Journal of Biological Chemistry</i> , 2015, 290, 1994-2006.	3.4	119
2	Berberine: Pathways to protect neurons. <i>Phytotherapy Research</i> , 2018, 32, 1501-1510.	5.8	66
3	Rational drug design, synthesis, and biological evaluation of novel chiral tetrahydronaphthalene-fused spirooxindole as MDM2-CDK4 dual inhibitor against glioblastoma. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1492-1510.	12.0	56
4	Activation of GPR30 attenuates chronic pain-related anxiety in ovariectomized mice. <i>Psychoneuroendocrinology</i> , 2015, 53, 94-107.	2.7	46
5	Drug-Drug Interaction Potentials of Tyrosine Kinase Inhibitors via Inhibition of UDP-Glucuronosyltransferases. <i>Scientific Reports</i> , 2015, 5, 17778.	3.3	42
6	Shikonin induces colorectal carcinoma cells apoptosis and autophagy by targeting galectin-1/JNK signaling axis. <i>International Journal of Biological Sciences</i> , 2020, 16, 147-161.	6.4	42
7	Crosstalk Between the Aryl Hydrocarbon Receptor and Hypoxia on the Constitutive Expression of Cytochrome P4501A1 mRNA. <i>Cardiovascular Toxicology</i> , 2007, 7, 282-290.	2.7	41
8	Mid-gestational sevoflurane exposure inhibits fetal neural stem cell proliferation and impairs postnatal learning and memory function in a dose-dependent manner. <i>Developmental Biology</i> , 2018, 435, 185-197.	2.0	40
9	Zr-MOF modified cotton fiber for pipette tip solid-phase extraction of four phenoxy herbicides in complex samples. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110764.	6.0	40
10	Hispidulin alleviates high-glucose-induced podocyte injury by regulating protective autophagy. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 307-314.	5.6	36
11	Protective Effects of Gastrodin Against Autophagy-Mediated Astrocyte Death. <i>Phytotherapy Research</i> , 2016, 30, 386-396.	5.8	34
12	Neuroprotective Effect of Arctigenin via Upregulation of P-CREB in Mouse Primary Neurons and Human SH-SY5Y Neuroblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18657-18669.	4.1	31
13	Development of New Tuberculosis Drugs: Translation to Regimen Composition for Drug-Sensitive and Multidrug-Resistant Tuberculosis. <i>Annual Review of Pharmacology and Toxicology</i> , 2021, 61, 495-516.	9.4	30
14	Hydrophilic Carboxyl Cotton for in Situ Growth of UiO-66 and Its Application as Adsorbents. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 20331-20339.	3.7	29
15	High-concentration sevoflurane exposure in mid-gestation induces apoptosis of neural stem cells in rat offspring. <i>Neural Regeneration Research</i> , 2018, 13, 1575.	3.0	27
16	Aryl Hydrocarbon Receptor Deficiency in Intestinal Epithelial Cells Aggravates Alcohol-Related Liver Disease. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 233-256.	4.5	26
17	Kalshinoids –F, Anti-inflammatory Sesquiterpenes from <i>Kalimeris shimadae</i> . <i>Journal of Natural Products</i> , 2019, 82, 3372-3378.	3.0	22
18	Organocatalytic asymmetric synthesis of multifunctionalized $\beta$ -carboline-spirooxindole hybrids that suppressed proliferation in colorectal cancer cells. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1048-1055.	4.5	22

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19	A Rapid Pharmacogenomic Assay to Detect <i>NAT2</i> Polymorphisms and Guide Isoniazid Dosing for Tuberculosis Treatment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1317-1326.	5.6	19
20	Evodiamine alleviates lipopolysaccharide-induced pulmonary inflammation and fibrosis by activating apelin pathway. <i>Phytotherapy Research</i> , 2021, 35, 3406-3417.	5.8	16
21	Hydrophilic carboxyl supported immobilization of UiO-66 for novel bar sorptive extraction of non-steroidal anti-inflammatory drugs in food samples. <i>Food Chemistry</i> , 2021, 355, 129623.	8.2	16
22	Optimising pyrazinamide for the treatment of tuberculosis. <i>European Respiratory Journal</i> , 2021, 58, 2002013.	6.7	15
23	Analgesic effects of NB001 on mouse models of arthralgia. <i>Molecular Brain</i> , 2015, 8, 60.	2.6	14
24	Modeling Prevention of Malaria and Selection of Drug Resistance with Different Dosing Schedules of Dihydroartemisinin-Piperaquine Preventive Therapy during Pregnancy in Uganda. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	14
25	Characterization of Inhibition Kinetics of ( <i>S</i> )-Warfarin Hydroxylation by Noscapiene: Implications in Warfarin Therapy. <i>Drug Metabolism and Disposition</i> , 2013, 41, 2114-2123.	3.3	13
26	Unconventional [2 + 3] Cyclization Involving [1,4]-Sulfonyl Transfer to Construct Polysubstituted Fluorazones as Inhibitors of Indoleamine 2,3-Dioxygenase 1. <i>Organic Letters</i> , 2020, 22, 7909-7914.	4.6	12
27	Facile synthesis and immobilization of functionalized covalent organic framework-1 for electrochromatographic separation. <i>Journal of Chromatography A</i> , 2021, 1645, 462130.	3.7	12
28	Novel solid-phase extraction filter based on a zirconium meta-organic framework for determination of non-steroidal anti-inflammatory drugs residues. <i>Journal of Chromatography A</i> , 2021, 1652, 462349.	3.7	11
29	Effects of Neuropeptide Substance P on Proliferation and $\beta$ -Cell Differentiation of Adult Pancreatic Ductal Cells. <i>Frontiers in Neuroscience</i> , 2018, 12, 806.	2.8	9
30	A natural adjuvant shows the ability to improve the effectiveness of glyphosate application. <i>Journal of Pesticide Sciences</i> , 2019, 44, 106-111.	1.4	9
31	Kalshiolin A, new lignan from <i>Kalimeris shimadai</i> . <i>Journal of Asian Natural Products Research</i> , 2020, 22, 489-495.	1.4	9
32	Evaluation of toxicological effects of organophosphorus pesticide metabolites on human HepG2 cells. <i>Environmental Toxicology and Pharmacology</i> , 2021, 88, 103741.	4.0	8
33	Substance P expresses in intrapancreatic ganglia of the rats. <i>Neuropeptides</i> , 2016, 59, 33-38.	2.2	7
34	Wikstromol from <i>Wikstroemia indica</i> induces apoptosis and suppresses migration of MDA-MB-231 cells via inhibiting PI3K/Akt pathway. <i>Journal of Natural Medicines</i> , 2021, 75, 178-185.	2.3	7
35	A new sesquiterpene from <i>Kalimeris integrifolia</i> . <i>Natural Product Research</i> , 2018, 32, 1004-1009.	1.8	6
36	Comparative Efficacy of Rifapentine Alone and in Combination with Isoniazid for Latent Tuberculosis Infection: a Translational Pharmacokinetic-Pharmacodynamic Modeling Study. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0170521.	3.2	5

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37	Ferric iron loaded porphyrinic zirconium MOFs on corncob for the enhancement of diuretics extraction. <i>Chemosphere</i> , 2022, 301, 134694.	8.2	5
38	Investigation of the mechanism of incompatible herb pair gansui-gancao-induced hepatotoxicity and nephrotoxicity and the attenuated effect of gansuibanxia decoction by UHPLC-FT-ICR-MS-based plasma metabonomic analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 173, 176-182.	2.8	4
39	miR-877-5p antagonizes the promoting effect of SP on the gastric cancer progression. <i>Neoplasma</i> , 2021, 67, 1293-1302.	1.6	4
40	Screening of differential components of Gegenqinlian decoction and their comparative pharmacokinetics in normal and pyrexia rats using UHPLC-FT-ICR-MS and UHPLC-MS/MS. <i>Biomedical Chromatography</i> , 2021, 35, e5186.	1.7	4
41	A systematic review of anxiety across smoking stages in adolescents and young adults. <i>Substance Use and Misuse</i> , 2019, 54, 1408-1415.	1.4	3
42	Effects of different parameters on the removal of atrazine in a water environment by <i>Aspergillus oryzae</i> ; biosorption. <i>Journal of Pesticide Sciences</i> , 2021, 46, 214-221.	1.4	2
43	Facile synthesis and immobilization of boroxine polymers containing carbon chains and their application as adsorbents. <i>Polymer Chemistry</i> , 2020, 11, 6171-6177.	3.9	0