

# Dan Yan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71  
papers

1,192  
citations

17  
h-index

32  
g-index

83  
ext. papers

1,657  
ext. citations

5.1  
avg, IF

4.79  
L-index

#	Paper	IF	Citations
71	Phosphorylation of small kinetochore-associated protein induced by GSK3 $\beta$ promotes cell migration and invasion in esophageal cancer.. <i>Cell Cycle</i> , <b>2022</b> , 1-12	4.7	1
70	Polystyrene microplastic exposure induces insulin resistance in mice via dysbacteriosis and pro-inflammation.. <i>Science of the Total Environment</i> , <b>2022</b> , 155937	10.2	0
69	Baicalin Enhanced Oral Bioavailability of Sorafenib in Rats by Inducing Intestine Absorption. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 761763	5.6	1
68	Long non-coding RNA CASC15 facilitates esophageal squamous cell carcinoma tumorigenesis via decreasing SIM2 stability via FTO-mediated demethylation. <i>Oncology Reports</i> , <b>2021</b> , 45, 1059-1071	3.5	4
67	Long non-coding RNAs MACC1-AS1 and FOXD2-AS1 mediate NSD2-induced cisplatin resistance in esophageal squamous cell carcinoma. <i>Molecular Therapy - Nucleic Acids</i> , <b>2021</b> , 23, 592-602	10.7	5
66	Lipophagy: A New Perspective of Natural Products in Type 2 Diabetes Mellitus Treatment. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2021</b> , 14, 2985-2999	3.4	1
65	Identification of Dysregulated Complement Activation Pathways Driven by N-Glycosylation Alterations in T2D Patients. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 677621	5	0
64	Integrated biomarker profiling of the metabolome associated with impaired fasting glucose and type 2 diabetes mellitus in large-scale Chinese patients. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e432	5.7	13
63	Potential Role of Gut Microbiota in Traditional Chinese Medicine against COVID-19. <i>The American Journal of Chinese Medicine</i> , <b>2021</b> , 49, 785-803	6	5
62	IMB-BZ as an Inhibitor Targeting ESX-1 Secretion System to Control Mycobacterial Infection. <i>Journal of Infectious Diseases</i> , <b>2021</b> ,	7	2
61	Recent advances in innovative strategies for enhanced cancer photodynamic therapy. <i>Theranostics</i> , <b>2021</b> , 11, 3278-3300	12.1	34
60	Anti-obesity and Gut Microbiota Modulation Effect of Astragalus Polysaccharides Combined with Berberine on High-Fat Diet-Fed Obese Mice.. <i>Chinese Journal of Integrative Medicine</i> , <b>2021</b> , 1	2.9	0
59	Neuroprotective Effect of Catalpol Anti-Oxidative, Anti-Inflammatory, and Anti-Apoptotic Mechanisms. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 690	5.6	11
58	Association of GGH Promoter Methylation Levels with Methotrexate Concentrations in Chinese Children with Acute Lymphoblastic Leukemia. <i>Pharmacotherapy</i> , <b>2020</b> , 40, 614-622	5.8	4
57	MgAl monolayer hydrotalcite increases the hypoglycemic effect of berberine by enhancing its oral bioavailability. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 127, 110140	7.5	4
56	Deviating from clinical practice: Pharmacokinetics of Chinese materia medica faces a substantial challenge. <i>Biomedicine and Pharmacotherapy</i> , <b>2020</b> , 127, 110191	7.5	
55	Methylation analysis of the SLC19A1 promoter region in Chinese children with acute lymphoblastic leukaemia. <i>Journal of Clinical Pharmacy and Therapeutics</i> , <b>2020</b> , 45, 646-651	2.2	1

54	Integrated biomarker for type 2 diabetes mellitus and impaired fasting glucose based on metabolomics analysis using ultra-high performance liquid chromatography quadrupole-Orbitrap high-resolution accurate mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8779	2.2	5
53	Puerarin 6?-O-xyloside suppresses growth, self-renewal and invasion of lung cancer stem-like cells derived from A549 cells via regulating Akt/c-Myc signalling. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2020</b> , 47, 1311-1319	3	3
52	Renoprotective effects of Gushen Jiedu capsule on diabetic nephropathy in rats. <i>Scientific Reports</i> , <b>2020</b> , 10, 2040	4.9	5
51	Metabolic profile of alkaloids in Rhizoma Coptidis in rat plasma, urine and feces after oral administration using ultra-high-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8763	2.2	0
50	Population pharmacokinetics of high-dose methotrexate in Chinese pediatric patients with medulloblastoma. <i>Biopharmaceutics and Drug Disposition</i> , <b>2020</b> , 41, 101-110	1.7	5
49	Frequency distribution of five SNPs in human gene and their effects on clinical outcomes of Chinese pediatric patients with acute lymphoblastic leukemia. <i>Die Pharmazie</i> , <b>2020</b> , 75, 142-146	1.5	1
48	Ultrathin Transition Metal Chalcogenide Nanosheets Synthesized Topotactic Transformation for Effective Cancer Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 48310-48320	9.5	6
47	Melatonin sensitises shikonin-induced cancer cell death mediated by oxidative stress via inhibition of the SIRT3/SOD2-AKT pathway. <i>Redox Biology</i> , <b>2020</b> , 36, 101632	11.3	13
46	Metabolite biomarkers of type 2 diabetes mellitus and pre-diabetes: a systematic review and meta-analysis. <i>BMC Endocrine Disorders</i> , <b>2020</b> , 20, 174	3.3	16
45	Cordycepin Alleviates Anterior Cruciate Ligament Transection (ACLT)-Induced Knee Osteoarthritis Through Regulating TGF- $\beta$ Activity and Autophagy. <i>Drug Design, Development and Therapy</i> , <b>2020</b> , 14, 2809-2817	4.4	1
44	Analysis of lncRNA, miRNA and mRNA-associated ceRNA networks and identification of potential drug targets for drug-resistant non-small cell lung cancer. <i>Journal of Cancer</i> , <b>2020</b> , 11, 3357-3368	4.5	13
43	Gut microbiota modulation with traditional Chinese medicine: A system biology-driven approach. <i>Pharmacological Research</i> , <b>2019</b> , 148, 104453	10.2	28
42	Interleukin-35 as an Emerging Player in Tumor Microenvironment. <i>Journal of Cancer</i> , <b>2019</b> , 10, 2074-2082	4.5	17
41	Berberine treatment-emergent mild diarrhea associated with gut microbiota dysbiosis. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 116, 109002	7.5	26
40	Identification of esophageal cancer pathway deviation and construction of a diagnosis model using three kernel genes. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 18098-18110	7	1
39	A Chinese medicine formula (Jinqi Jiangtang Tablet): A review on its chemical constituents, quality control, pharmacokinetics studies, pharmacological properties and clinical applications. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 236, 1-8	5	7
38	Gut microbiota, a new frontier to understand traditional Chinese medicines. <i>Pharmacological Research</i> , <b>2019</b> , 142, 176-191	10.2	126
37	CDK11 plays a critical role in the tumorigenicity of esophageal squamous cell carcinoma cells and is a potential drug target. <i>Cell Cycle</i> , <b>2019</b> , 18, 452-466	4.7	7

36	A rapid, sensitive, and widely applicable method for quantitative analysis of underivatized amino acids in different biological matrices by UHPLC-MS/MS. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 3173	3.4	9
35	Berberine alleviates insulin resistance by reducing peripheral branched-chain amino acids. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 316, E73-E85	6	60
34	Hydroxycalcite monolayer toward high performance synergistic dual-modal imaging and cancer therapy. <i>Biomaterials</i> , <b>2018</b> , 165, 14-24	15.6	24
33	MiR-595 Suppresses the Cellular Uptake and Cytotoxic Effects of Methotrexate by Targeting SLC19A1 in CEM/C1 Cells. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2018</b> , 123, 8-13	3.1	14
32	Association between a microRNA binding site polymorphism in SLC19A1 and the risk of delayed methotrexate elimination in Chinese children with acute lymphoblastic leukemia. <i>Leukemia Research</i> , <b>2018</b> , 65, 61-66	2.7	12
31	UPLC-QTOF/MS and Bioassay Are Available Approaches for Identifying Quality Fluctuation of Xueshuantong Lyophilized Powder in Clinic. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 633	5.6	9
30	Combination of chemical fingerprinting with bioassay, a preferable approach for quality control of Safflower Injection. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1003, 56-63	6.6	15
29	Expression Profiles of microRNAs in Drug-Resistant Non-Small Cell Lung Cancer Cell Lines Using microRNA Sequencing. <i>Cellular Physiology and Biochemistry</i> , <b>2018</b> , 51, 2509-2522	3.9	15
28	Loss of miR-16 contributes to tumor progression by activation of tyrosine-like kinase 1 in oral squamous cell carcinoma. <i>Cell Cycle</i> , <b>2018</b> , 17, 2284-2295	4.7	14
27	Oral hydroxysafflor yellow A reduces obesity in mice by modulating the gut microbiota and serum metabolism. <i>Pharmacological Research</i> , <b>2018</b> , 134, 40-50	10.2	69
26	Thermal activities of 6-gingerol, 8-gingerol and 6-shogaol on the potentiation of mitochondria thermogenesis based on microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2017</b> , 127, 1787-1795	4.7	9
25	Optimum Extraction of Polysaccharide from <i>Areca catechu</i> Using Response Surface Methodology and its Antioxidant Activity. <i>Journal of Food Processing and Preservation</i> , <b>2017</b> , 41, e12798	2.1	6
24	Using the "target constituent removal combined with bioactivity assay" strategy to investigate the optimum arecoline content in charred areca nut. <i>Scientific Reports</i> , <b>2017</b> , 7, 40278	4.9	9
23	Toxic effects of vinca alkaloids from <i>Catharanthus roseus</i> (L.) G. Don on <i>Tetrahymena thermophila</i> BF 5 growth by microcalorimetry. <i>Thermochimica Acta</i> , <b>2017</b> , 651, 53-57	2.9	4
22	<i>Cudrania tricuspidata</i> : an updated review on ethnomedicine, phytochemistry and pharmacology. <i>RSC Advances</i> , <b>2017</b> , 7, 31807-31832	3.7	35
21	Quantitative proteomics by SWATH-MS reveals sophisticated metabolic reprogramming in hepatocellular carcinoma tissues. <i>Scientific Reports</i> , <b>2017</b> , 7, 45913	4.9	43
20	Association between MTHFR microRNA binding site polymorphisms and methotrexate concentrations in Chinese pediatric patients with acute lymphoblastic leukemia. <i>Journal of Gene Medicine</i> , <b>2017</b> , 19, 353-359	3.5	3
19	The Substance Basis Research of Stir-Baking to Dark Brown Could Enhance the Promoting Effects of Areca Nut on Gastrointestinal Motility. <i>Journal of Food Processing and Preservation</i> , <b>2017</b> , 41, e13103	2.1	2

18	System Pharmacology-Based Dissection of the Synergistic Mechanism of Huangqi and Huanglian for Diabetes Mellitus. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 694	5.6	84
17	Extraction Optimization, Characterization, and Bioactivities of Polysaccharides from <i>Pinelliae Rhizoma Praeparatum Cum Alumine</i> Employing Ultrasound-Assisted Extraction. <i>Molecules</i> , <b>2017</b> , 22,	4.8	16
16	Identification of compounds in an anti-fibrosis Chinese medicine (Fufang Biejia Ruangan Pill) and its absorbed components in rat biofluids and liver by UPLC-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1026, 145-151	3.2	15
15	A supramolecular nanovehicle toward systematic, targeted cancer and tumor therapy. <i>Chemical Science</i> , <b>2015</b> , 6, 5511-5518	9.4	22
14	Anti-inflammatory activity studies on the stems and roots of <i>Jasminum lanceolarium</i> Roxb. <i>Journal of Ethnopharmacology</i> , <b>2015</b> , 171, 335-41	5	10
13	Promotion of quality standard of herbal medicine by constituent removing and adding. <i>Scientific Reports</i> , <b>2014</b> , 4, 3668	4.9	19
12	Comparison of reversed-phase liquid chromatography and hydrophilic interaction chromatography for the fingerprint analysis of <i>Radix isatidis</i> . <i>Journal of Separation Science</i> , <b>2014</b> , 37, 1141-7	3.4	7
11	Dynamic monitoring of the cytotoxic effects of protoberberine alkaloids from <i>Rhizoma Coptidis</i> on HepG2 cells using the xCELLigence system. <i>Chinese Journal of Natural Medicines</i> , <b>2014</b> , 12, 428-35	2.8	18
10	Quality fluctuation detection of an herbal injection based on biological fingerprint combined with chemical fingerprint. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 5009-18	4.4	14
9	Toxic effects of protoberberine alkaloids from <i>Rhizoma Coptidis</i> on <i>Tetrahymena thermophila</i> BF5 growth based on microcalorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2012</b> , 108, 341-346	4.1	8
8	Application of microcalorimetry of <i>Escherichia coli</i> growth and discriminant analysis to the quality assessment of a Chinese herbal injection (Yinzhihuang). <i>Acta Pharmaceutica Sinica B</i> , <b>2012</b> , 2, 278-285	15.5	8
7	A strategy for the detection of quality fluctuation of a Chinese herbal injection based on chemical fingerprinting combined with biological fingerprinting. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 56, 436-42	3.5	34
6	Anti-fungal effect of berberine on <i>Candida albicans</i> by microcalorimetry with correspondence analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2010</b> , 102, 49-55	4.1	32
5	Microcalorimetric investigation of effect of berberine alkaloids from <i>Coptis chinensis</i> Franch on intestinal diagnostic flora growth. <i>Science Bulletin</i> , <b>2009</b> , 54, 369-373	10.6	8
4	Antimicrobial properties of berberines alkaloids in <i>Coptis chinensis</i> Franch by microcalorimetry. <i>Journal of Proteomics</i> , <b>2008</b> , 70, 845-9		131
3	Microcalorimetric investigation of the effect of berberine alkaloids from <i>Coptis chinensis</i> Franch on <i>Staphylococcus aureus</i> growth. <i>Science in China Series B: Chemistry</i> , <b>2008</b> , 51, 640-645		5
2	Direct determination of fourteen underivatized amino acids from <i>Whitmania pigra</i> by using liquid chromatography-evaporative light scattering detection. <i>Journal of Chromatography A</i> , <b>2007</b> , 1138, 301-4	4.5	36
1	Investigation of the effect of berberines alkaloids in <i>Coptis chinensis</i> Franch on <i>Bacillus shigae</i> growth by microcalorimetry. <i>Science in China Series B: Chemistry</i> , <b>2007</b> , 50, 638-642		13

