## Yuan-Feng Zou

List of Publications by Year in descending order

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116	3,032	29 h-index	45
papers	citations		g-index
116	116	116	3796
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	A comprehensive review of topoisomerase inhibitors as anticancer agents in the past decade. European Journal of Medicinal Chemistry, 2019, 171, 129-168.	2.6	147
2	Recent advances in the medical use of silver complex. European Journal of Medicinal Chemistry, 2018, 157, 62-80.	2.6	112
3	Purification, chemical characterization and antioxidant activities of polysaccharides isolated from Mycena dendrobii. Carbohydrate Polymers, 2019, 203, 45-51.	5.1	91
4	Resveratrol mitigates lipopolysaccharide-mediated acute inflammation in rats by inhibiting the TLR4/NF-κBp65/MAPKs signaling cascade. Scientific Reports, 2017, 7, 45006.	1.6	90
5	The antibacterial activity and action mechanism of emodin from Polygonum cuspidatum against Haemophilus parasuis in vitro. Microbiological Research, 2016, 186-187, 139-145.	2.5	89
6	The Polysaccharides from Codonopsis pilosula Modulates the Immunity and Intestinal Microbiota of Cyclophosphamide-Treated Immunosuppressed Mice. Molecules, 2018, 23, 1801.	1.7	77
7	Structure–activity relationship of immunomodulating pectins from elderberries. Carbohydrate Polymers, 2015, 125, 314-322.	5.1	76
8	Structural features and complement fixing activity of polysaccharides from Codonopsis pilosula Nannf. var. modesta L.T.Shen roots. Carbohydrate Polymers, 2014, 113, 420-429.	5.1	66
9	Characterization and prebiotic activity in vitro of inulin-type fructan from Codonopsis pilosula roots. Carbohydrate Polymers, 2018, 193, 212-220.	5.1	62
10	A pectic polysaccharide from Ligusticum chuanxiong promotes intestine antioxidant defense in aged mice. Carbohydrate Polymers, 2017, 174, 915-922.	5.1	60
11	Antibacterial activity and mechanism of berberine against Streptococcus agalactiae. International Journal of Clinical and Experimental Pathology, 2015, 8, 5217-23.	0.5	60
12	Response surface methodology for optimization of the ultrasonic extraction of polysaccharides from Codonopsis pilosula Nannf.var.modesta L.T.Shen. Carbohydrate Polymers, 2011, 84, 503-508.	5.1	57
13	Structural characterization of bioactive pectic polysaccharides from elderflowers (Sambuci flos). Carbohydrate Polymers, 2016, 135, 128-137.	5.1	55
14	Quality Variation of Goji (Fruits of Lycium spp.) in China: A Comparative Morphological and Metabolomic Analysis. Frontiers in Pharmacology, 2018, 9, 151.	1.6	54
15	Antiviral properties of resveratrol against pseudorabies virus are associated with the inhibition of lÎ <sup>®</sup> B kinase activation. Scientific Reports, 2017, 7, 8782.	1.6	49
16	Structural features of pectic polysaccharides from stems of two species of Radix Codonopsis and their antioxidant activities. International Journal of Biological Macromolecules, 2020, 159, 704-713.	3.6	48
17	The Antibacterial Mechanism of Terpinen-4-ol Against Streptococcus agalactiae. Current Microbiology, 2018, 75, 1214-1220.	1.0	45
18	The enhancement of immune function and activation of NF-κB by resveratrol-treatment in immunosuppressive mice. International Immunopharmacology, 2016, 33, 42-47.	1.7	44

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19	Antiviral Effect of Resveratrol in Piglets Infected with Virulent Pseudorabies Virus. Viruses, 2018, 10, 457.	1.5	42
20	Is male infertility associated with increased oxidative stress in seminal plasma? A-meta analysis. Oncotarget, 2018, 9, 24494-24513.	0.8	42
21	Resveratrol inhibits LPSâ€ʻinduced inflammation through suppressing the signaling cascades of TLR4â€ʻNF‴κB/MAPKs/IRF3. Experimental and Therapeutic Medicine, 2020, 19, 1824-1834.	0.8	42
22	The antibacterial mechanism of oridonin against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). Pharmaceutical Biology, 2019, 57, 710-716.	1.3	38
23	A comparison of volatile fractions obtained from Lonicera macranthoides via different extraction processes: ultrasound, microwave, Soxhlet extraction, hydrodistillation, and cold maceration. Integrative Medicine Research, 2015, 4, 171-177.	0.7	37
24	Polyphyllin VII Promotes Apoptosis and Autophagic Cell Death via ROS-Inhibited AKT Activity, and Sensitizes Glioma Cells to Temozolomide. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-19.	1.9	36
25	A novel resistance gene, lnu (H), conferring resistance to lincosamides in Riemerella anatipestifer CH-2. International Journal of Antimicrobial Agents, 2018, 51, 136-139.	1.1	35
26	A Polysaccharide Isolated from Codonopsis pilosula with Immunomodulation Effects Both In Vitro and In Vivo. Molecules, 2019, 24, 3632.	1.7	34
27	Soy Isoflavones Regulate Lipid Metabolism through an AKT/mTORC1 Pathway in Diet-Induced Obesity (DIO) Male Rats. Molecules, 2016, 21, 586.	1.7	32
28	Polysaccharides with immunomodulating activity from roots of Gentiana crassicaulis. Carbohydrate Polymers, 2017, 172, 306-314.	5.1	32
29	Chemical characterization and antioxidant activities of polysaccharides isolated from the stems of Parthenocissus tricuspidata. International Journal of Biological Macromolecules, 2018, 119, 70-78.	3.6	32
30	Immunomodulating polysaccharides from Lessertia frutescens leaves: Isolation, characterization and structure activity relationship. Journal of Ethnopharmacology, 2014, 152, 340-348.	2.0	31
31	RG-I regions from elderflower pectins substituted on GalA are strong immunomodulators. International Journal of Biological Macromolecules, 2016, 92, 731-738.	3.6	31
32	Protective effects and immunomodulation on piglets infected with rotavirus following resveratrol supplementation. PLoS ONE, 2018, 13, e0192692.	1.1	30
33	Maternal supplementation of organic selenium during gestation improves sows and offspring antioxidant capacity and inflammatory status and promotes embryo survival. Food and Function, 2020, 11, 7748-7761.	2.1	30
34	Tannic Acid Accelerates Cutaneous Wound Healing in Rats Via Activation of the $\langle i \rangle$ ERK $1/2 \langle i \rangle$ Signaling Pathways. Advances in Wound Care, 2019, 8, 341-354.	2.6	29
35	Polysaccharides from Aconitum carmichaelii leaves: Structure, immunomodulatory and anti-inflammatory activities. Carbohydrate Polymers, 2022, 291, 119655.	5.1	29
36	Characterization of Inulin-Type Fructan from Platycodon grandiflorus and Study on Its Prebiotic and Immunomodulating Activity. Molecules, 2019, 24, 1199.	1.7	28

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37	Prospects of Codonopsis pilosula polysaccharides: Structural features and bioactivities diversity. Trends in Food Science and Technology, 2020, 103, 1-11.	7.8	28
38	Chronic High Dose Zinc Supplementation Induces Visceral Adipose Tissue Hypertrophy without Altering Body Weight in Mice. Nutrients, 2017, 9, 1138.	1.7	27
39	Two complement fixing pectic polysaccharides from pedicel of Lycium barbarum L. promote cellular antioxidant defense. International Journal of Biological Macromolecules, 2018, 112, 356-363.	3.6	27
40	An update of new small-molecule anticancer drugs approved from 2015 to 2020. European Journal of Medicinal Chemistry, 2021, 220, 113473.	2.6	27
41	A pectic polysaccharide from water decoction of Xinjiang Lycium barbarum fruit protects against intestinal endoplasmic reticulum stress. International Journal of Biological Macromolecules, 2019, 130, 508-514.	3.6	26
42	The antiviral activity of kaempferol against pseudorabies virus in mice. BMC Veterinary Research, 2021, 17, 247.	0.7	26
43	Polysaccharides with immunomodulating properties from the bark of Parkia biglobosa. Carbohydrate Polymers, 2014, 101, 457-463.	5.1	25
44	Thymol Inhibits Biofilm Formation, Eliminates Pre-Existing Biofilms, and Enhances Clearance of Methicillin-Resistant Staphylococcus aureus (MRSA) in a Mouse Peritoneal Implant Infection Model. Microorganisms, 2020, 8, 99.	1.6	25
45	Maternal organic selenium supplementation alleviates LPS induced inflammation, autophagy and ER stress in the thymus and spleen of offspring piglets by improving the expression of selenoproteins. Food and Function, 2021, 12, 11214-11228.	2.1	25
46	Characterization of an antioxidant pectic polysaccharide from Platycodon grandiflorus. International Journal of Biological Macromolecules, 2021, 175, 473-480.	3.6	25
47	Aconitum carmichaelii Debeaux: A systematic review on traditional use, and the chemical structures and pharmacological properties of polysaccharides and phenolic compounds in the roots. Journal of Ethnopharmacology, 2022, 291, 115148.	2.0	25
48	Traditional Use, Pharmacology, Toxicology, and Quality Control of Species in Genus Bupleurum L Chinese Herbal Medicines, 2013, 5, 245-255.	1.2	24
49	Immunomodulating pectins from root bark, stem bark, and leaves of the Malian medicinal tree Terminalia macroptera, structure activity relations. Carbohydrate Research, 2015, 403, 167-173.	1.1	24
50	Purification and Partial Structural Characterization of a Complement Fixating Polysaccharide from Rhizomes of Ligusticum chuanxiong. Molecules, 2017, 22, 287.	1.7	24
51	Evaluation of Analgesic and Anti-Inflammatory Activities of Water Extract of <i>Galla Chinensis In Vivo</i> Models. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-7.	0.5	24
52	Polyphyllin II inhibits liver cancer cell proliferation, migration and invasion through downregulated cofilin activity and the AKT/NF-κB pathway. Biology Open, 2020, 9, .	0.6	24
53	Antiviral effect of resveratrol in ducklings infected with virulent duck enteritis virus. Antiviral Research, 2016, 130, 93-100.	1.9	23
54	Protective effect of Ketone musk on LPS/ATP-induced pyroptosis in J774A.1 cells through suppressing NLRP3/GSDMD pathway. International Immunopharmacology, 2019, 71, 328-335.	1.7	22

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55	New pectic polysaccharides from <scp><i>Codonopsis pilosula</i></scp> and <i><scp>Codonopsis</scp> tangshen</i> structural characterization and cellular antioxidant activities. Journal of the Science of Food and Agriculture, 2021, 101, 6043-6052.	1.7	22
56	The synthesis review of the approved tyrosine kinase inhibitors for anticancer therapy in 2015–2020. Bioorganic Chemistry, 2021, 113, 105011.	2.0	22
57	Analgesic and Anti-Inflammatory Activities of Resveratrol through Classic Models in Mice and Rats. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-9.	0.5	21
58	Chlorogenic acid is a positive regulator of MDA5, TLR7 and NF- $\hat{l}^2$ B signaling pathways mediated antiviral responses against Gammacoronavirus infection. International Immunopharmacology, 2021, 96, 107671.	1.7	21
59	Paeonol Attenuates Quorum-Sensing Regulated Virulence and Biofilm Formation in Pseudomonas aeruginosa. Frontiers in Microbiology, 2021, 12, 692474.	1.5	21
60	Enzyme inhibition, antioxidant and immunomodulatory activities, and brine shrimp toxicity of extracts from the root bark, stem bark and leaves of Terminalia macroptera. Journal of Ethnopharmacology, 2014, 155, 1219-1226.	2.0	20
61	Transcriptomics and proteomic studies reveal acaricidal mechanism of octadecanoic acid-3, 4 - tetrahydrofuran diester against Sarcoptes scabiei var. cuniculi. Scientific Reports, 2017, 7, 45479.	1.6	20
62	Complement Fixing Polysaccharides from Terminalia macroptera Root Bark, Stem Bark and Leaves. Molecules, 2014, 19, 7440-7458.	1.7	19
63	Insecticidal Activities of Bark, Leaf and Seed Extracts of Zanthoxylum heitzii against the African Malaria Vector Anopheles gambiae. Molecules, 2014, 19, 21276-21290.	1.7	19
64	Characterisation and immunomodulating activities of exo-polysaccharides from submerged cultivation of Hypsizigus marmoreus. Food Chemistry, 2014, 163, 120-128.	4.2	19
65	Tumor grade related expression of neuroglobin is negatively regulated by PPARÎ $^3$ and confers antioxidant activity in glioma progression. Redox Biology, 2017, 12, 682-689.	3.9	19
66	The immune-adjuvant activity and the mechanism of resveratrol on pseudorabies virus vaccine in a mouse model. International Immunopharmacology, 2019, 76, 105876.	1.7	19
67	Preparation of resveratrol dry suspension and its immunomodulatory and anti-inflammatory activity in mice. Pharmaceutical Biology, 2020, 58, 8-15.	1.3	19
68	Characterization of inulinâ€type fructans from two species of Radix <i>Codonopsis </i> and their oxidative defense activation and prebiotic activities. Journal of the Science of Food and Agriculture, 2021, 101, 2491-2499.	1.7	19
69	Resveratrol regulates intestinal barrier function in cyclophosphamideâ€induced immunosuppressed mice. Journal of the Science of Food and Agriculture, 2022, 102, 1205-1215.	1.7	19
70	Pectic polysaccharide from i> Nelumbo nucifera ie leaves promotes intestinal antioxidant defense in vitro in vitro in vivo in	2.1	18
71	Effect of Resveratrol Dry Suspension on Immune Function of Piglets. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-10.	0.5	17
72	Effect of maternal organic selenium supplementation during pregnancy on sow reproductive performance and long-term effect on their progeny. Journal of Animal Science, 2020, 98, .	0.2	17

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73	Maternal organic selenium supplementation during gestation improves the antioxidant capacity and reduces the inflammation level in the intestine of offspring through the NF-κB and ERK/Beclin-1 pathways. Food and Function, 2021, 12, 315-327.	2.1	17
74	Complement activity of polysaccharides from three different plant parts of Terminalia macroptera extracted as healers do. Journal of Ethnopharmacology, 2014, 155, 672-678.	2.0	16
75	Soy isoflavones improve the oxidative stress induced hypothalamic inflammation and apoptosis in high fat diet-induced obese male mice through PGC1-alpha pathway. Aging, 2020, 12, 8710-8727.	1.4	16
76	Myricetin exerts its antiviral activity against infectious bronchitis virus by inhibiting the deubiquitinating activity of papain-like protease. Poultry Science, 2022, 101, 101626.	1.5	16
77	Iron overload resulting from the chronic oral administration of ferric citrate induces parkinsonism phenotypes in middle-aged mice. Aging, 2019, 11, 9846-9861.	1.4	15
78	Resveratrol promotes recovery of immune function of immunosuppressive mice by activating JNK/NF-l <sup>o</sup> B pathway in splenic lymphocytes. Canadian Journal of Physiology and Pharmacology, 2017, 95, 763-767.	0.7	14
79	Anticoccidial Effect of Herbal Powder "Shi Ying Zi―in Chickens Infected with Eimeria tenella. Animals, 2020, 10, 1484.	1.0	14
80	The comparison of preliminary structure and intestinal anti-inflammatory and anti-oxidative activities of polysaccharides from different root parts of Angelica sinensis (Oliv.) Diels. Journal of Ethnopharmacology, 2022, 295, 115446.	2.0	14
81	Anticoccidial effect of <i>Fructus Meliae toosendan</i> extract against <i>Eimeria tenella</i> Pharmaceutical Biology, 2020, 58, 636-645.	1.3	13
82	iTRAQ-based quantitative proteomic analysis reveals multiple effects of Emodin to Haemophilus parasuis. Journal of Proteomics, 2017, 166, 39-47.	1.2	12
83	A Pectic Polysaccharide from Sijunzi Decoction Promotes the Antioxidant Defenses of SW480 Cells. Molecules, 2017, 22, 1341.	1.7	11
84	Effect of Modified Pulsatilla Powder on Enterotoxigenic Escherichia coli O101-Induced Diarrhea in Mice. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-11.	0.5	11
85	Restorative Effects of Inulin From Codonopsis pilosula on Intestinal Mucosal Immunity, Anti-Inflammatory Activity and Gut Microbiota of Immunosuppressed Mice. Frontiers in Pharmacology, 2022, 13, 786141.	1.6	11
86	Antiplasmodial, anti-complement and anti-inflammatory in vitro effects of Biophytum umbraculum Welw. traditionally used against cerebral malaria in Mali. Journal of Ethnopharmacology, 2016, 190, 159-164.	2.0	10
87	Autophagy-regulating N-heterocycles derivatives as potential anticancer agents. Future Medicinal Chemistry, 2020, 12, 223-242.	1.1	10
88	Determination of the main naphthoquinones in <i>Onosma hookeri Clarke</i> . var. longiforum Duthie and its optimization of the ultrasoundâ€assisted extraction using response surface methodology. Journal of Food Science, 2021, 86, 357-365.	1.5	10
89	Preparation of Galla Chinensis Oral Solution as well as Its Stability, Safety, and Antidiarrheal Activity Evaluation. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-8.	0.5	9
90	Epigallocatechin-3-gallate protects immunity and liver drug-metabolism function in mice loaded with restraint stress. Biomedicine and Pharmacotherapy, 2020, 129, 110418.	2.5	9

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91	Extraction and antioxidant activity of flavonoids of Morus nigra. International Journal of Clinical and Experimental Medicine, 2015, 8, 22328-36.	1.3	9
92	Loss of TRIM67 Attenuates the Progress of Obesity-Induced Non-Alcoholic Fatty Liver Disease. International Journal of Molecular Sciences, 2022, 23, 7475.	1.8	9
93	Kaempferol alleviates LPS-ATP mediated inflammatory injury in splenic lymphocytes via regulation of the pyroptosis pathway in mice. Immunopharmacology and Immunotoxicology, 2019, 41, 538-548.	1.1	8
94	Astragaloside IV inhibits PMA-induced EPCR shedding through MAPKs and PKC pathway. Immunopharmacology and Immunotoxicology, 2017, 39, 148-156.	1.1	7
95	Current Knowledge on Infectious Bronchitis Virus Non-structural Proteins: The Bearer for Achieving Immune Evasion Function. Frontiers in Veterinary Science, 2022, 9, 820625.	0.9	7
96	Antibacterial effect of Blumea balsamifera DC. essential oil against Haemophilus parasuis. Archives of Microbiology, 2020, 202, 2499-2508.	1.0	6
97	Tannins extract from Galla Chinensis can protect mice from infection by Enterotoxigenic Escherichia coli O101. BMC Complementary Medicine and Therapies, 2021, 21, 84.	1.2	6
98	Synthesis and structure-activity relationship of lipo-diterpenoid alkaloids with potential target of topoisomerase $\hat{ll}_{\pm}$ for breast cancer treatment. Bioorganic Chemistry, 2021, 109, 104699.	2.0	6
99	Comparison of structural and antioxidant activity of polysaccharide extracted from truffles. Journal of Food Science, 2022, 87, 2999-3012.	1.5	6
100	Maternal VD <sub>3</sub> supplementation during gestation improves intestinal health and microbial composition of weaning piglets. Food and Function, 2022, 13, 6830-6842.	2.1	5
101	Resveratrol Inhibits Pseudorabies Virus Replication by Targeting IE180 Protein. Frontiers in Microbiology, 2022, $13$ , .	1.5	5
102	Antiviral effect of an extract from Kaempferia galanga L. rhizome in mice infected with pseudorabies virus. Journal of Virological Methods, 2022, 307, 114573.	1.0	5
103	Ursolic acid induces the production of IL6 and chemokines in both adipocytes and adipose tissue. Adipocyte, 2020, 9, 523-534.	1.3	4
104	Comparison of the Partial Structure and Antioxidant Activity of Polysaccharides from Two Species of Chinese Truffles. Molecules, 2020, 25, 4345.	1.7	3
105	Epigallocatechin-3-gallate reduces liver and immune system damage in Acinetobacter baumannii-loaded mice with restraint stress. International Immunopharmacology, 2021, 92, 107346.	1.7	3
106	Epigallocatechin-3-Gallate Ameliorates Acute Lung Damage by Inhibiting Quorum-Sensing-Related Virulence Factors of Pseudomonas aeruginosa. Frontiers in Microbiology, 2022, 13, 874354.	1.5	3
107	Protective Effects of Cinnamaldehyde on the Oxidative Stress, Inflammatory Response, and Apoptosis in the Hepatocytes of Salmonella Gallinarum-Challenged Young Chicks. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-21.	1.9	3
108	Therapeutic effect of Chinese patent medicine "Wuhuanghu―on porcine infectious pleuropneumonia and its acute and subchronic toxicity as well as evaluation of safety pharmacology. Environmental Toxicology and Pharmacology, 2015, 40, 388-396.	2.0	2

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109	α-Cyperone Inhibits PMA-Induced EPCR Shedding through PKC Pathway. Biological and Pharmaceutical Bulletin, 2017, 40, 1678-1685.	0.6	2
110	<i>In Vivo</i> Evaluation of <i>Galla chinensis</i> Solution in the Topical Treatment of Dermatophytosis. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-7.	0.5	2
111	GC-MS Analysis and Activity Study of the Volatile Components of Huidouba. Journal of Essential Oil-bearing Plants: JEOP, 2018, 21, 476-484.	0.7	2
112	Acute and subchronic toxicity as well as evaluation of safety pharmacology of traditional Chinese medicine "Huhezi". International Journal of Clinical and Experimental Medicine, 2015, 8, 14553-64.	1.3	2
113	Maternal Organic Selenium Supplementation Relieves Intestinal Endoplasmic Reticulum Stress in Piglets by Enhancing the Expression of Glutathione Peroxidase 4 and Selenoprotein S. Frontiers in Nutrition, 2022, 9, .	1.6	2
114	Maternal cholecalciferol supplementation during gestation improves antioxidant capacities in gilts and piglets. Italian Journal of Animal Science, 2021, 20, 1201-1210.	0.8	1
115	Identification of the amino acids residues involved in hemagglutinin-neuraminidase of Newcastle disease virus binding to sulfated Chuanmingshen violaceum polysaccharides. Poultry Science, 2021, 100, 101255.	1.5	1
116	BAF-L Modulates Histone-to-Protamine Transition during Spermiogenesis. International Journal of Molecular Sciences, 2022, 23, 1985.	1.8	1