

# Peng Yu

## List of Publications by Citations

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107  
papers

1,359  
citations

19  
h-index

30  
g-index

117  
ext. papers

1,799  
ext. citations

4.8  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
107	Composition design and medical application of liposomes. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 164, 640-653	6.8	186
106	Natural Prenylchalconaringenins and Prenylnaringenins as Antidiabetic Agents: $\beta$ -Glucosidase and $\beta$ -Amylase Inhibition and in Vivo Antihyperglycemic and Antihyperlipidemic Effects. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 1574-1581	5.7	60
105	Synthesis and anti-cancer activity evaluation of novel prenylated and geranylated chalcone natural products and their analogs. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 92, 439-48	6.8	58
104	Synthesis and anti-cancer activity evaluation of 5-(2-carboxyethenyl)-isatin derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 112, 145-156	6.8	39
103	Chemosensitizing effect of Paris Saponin I on Camptothecin and 10-hydroxycamptothecin in lung cancer cells via p38 MAPK, ERK, and Akt signaling pathways. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 125, 760-769	6.8	37
102	Design, synthesis and in vitro cytotoxicity evaluation of 5-(2-carboxyethenyl)isatin derivatives as anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2014</b> , 24, 591-4	2.9	36
101	Inhibitory activity evaluation and mechanistic studies of tetracyclic oxindole derivatives as $\beta$ -glucosidase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 123, 365-378	6.8	32
100	Synthesis of 6-hydroxyaurone analogues and evaluation of their $\beta$ -glucosidase inhibitory and glucose consumption-promoting activity: Development of highly active 5,6-disubstituted derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 3226-3230	2.9	30
99	Synthesis, $\beta$ -glucosidase inhibitory and molecular docking studies of prenylated and geranylated flavones, isoflavones and chalcones. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 4567-71	2.9	29
98	The cooperation of Fe <sub>3</sub> C nanoparticles with isolated single iron atoms to boost the oxygen reduction reaction for Zn  air batteries. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 6831-6840	13	28
97	Discovery of Myricetin as a Potent Inhibitor of Human Flap Endonuclease 1, Which Potentially Can Be Used as Sensitizing Agent against HT-29 Human Colon Cancer Cells. <i>Journal of Agricultural and Food Chemistry</i> , <b>2019</b> , 67, 1656-1665	5.7	27
96	Curcumin Attenuates N-Nitrosodiethylamine-Induced Liver Injury in Mice by Utilizing the Method of Metabonomics. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 2000-2007	5.7	26
95	Strategic Approach to 8-Azacoumarins. <i>Organic Letters</i> , <b>2017</b> , 19, 984-987	6.2	24
94	A rat model of chronic subdural hematoma: Insight into mechanisms of revascularization and inflammation. <i>Brain Research</i> , <b>2015</b> , 1625, 84-96	3.7	24
93	Inhibitor of the human telomerase reverse transcriptase (hTERT) gene promoter induces cell apoptosis via a mitochondrial-dependent pathway. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 145, 370-378	6.8	20
92	Overdose Intake of Curcumin Initiates the Unbalanced State of Bodies. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2765-71	5.7	20
91	New insights into the biological activities of Chrysanthemum morifolium: Natural flavonoids alleviate diabetes by targeting $\beta$ -glucosidase and the PTP-1B signaling pathway. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 178, 108-115	6.8	19

90	Rescue of defective MC4R cell-surface expression and signaling by a novel pharmacoperone Ipsen 17. <i>Journal of Molecular Endocrinology</i> , <b>2014</b> , 53, 17-29	4.5	19
89	Multivalent S-sialoside protein conjugates block influenza hemagglutinin and neuraminidase. <i>Carbohydrate Research</i> , <b>2016</b> , 435, 68-75	2.9	19
88	Targeting prohibitin with small molecules to promote melanogenesis and apoptosis in melanoma cells. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 155, 880-888	6.8	19
87	Access to 8-Azachromones via Activation of C-H in N-Oxides. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 11275-11288	4.5	18
86	Design, synthesis and docking study of novel tetracyclic oxindole derivatives as $\beta$ -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 1471-5	2.9	18
85	Synthesis and cytotoxic studies of novel 5-phenylisatin derivatives and their anti-migration and anti-angiogenic evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 156, 800-814	6.8	18
84	Separation of Sources of Seasonal Uplift in China Using Independent Component Analysis of GNSS Time Series. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2019</b> , 124, 11951-11971	3.6	18
83	Copper-catalyzed direct trifluoromethylthiolation of indoles by tert-butyl 2-((trifluoromethyl)sulfonyl)hydrazine-1-carboxylate. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 3088-3092	5.2	18
82	Strategic C-C Bond-Forming Dearomatization of Pyridines and Quinolines. <i>Organic Letters</i> , <b>2019</b> , 21, 4450-4463	4.17	17
81	Multivalent oleanolic acid human serum albumin conjugate as nonglycosylated neomucin for influenza virus capture and entry inhibition. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 143, 1723-1731	6.8	17
80	Metal- and base-free regioselective thiolation of the methyl C(sp <sup>3</sup> )H bond in 2-picoline N-oxides. <i>Green Chemistry</i> , <b>2019</b> , 21, 157-163	10	17
79	Synthesis and antioxidant evaluation of desmethylxanthohumol analogs and their dimers. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 125, 335-345	6.8	16
78	Paris Saponin II induced apoptosis via activation of autophagy in human lung cancer cells. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 253, 125-33	5	16
77	Recent advances in the development of cyclin-dependent kinase 7 inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 183, 111641	6.8	15
76	Morphology Effect of NiSe Hierarchical Microspheres on the Performance of Dye-Sensitized Solar Cells. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 4900-4909	5.6	15
75	Prohibitin ligands: a growing armamentarium to tackle cancers, osteoporosis, inflammatory, cardiac and neurological diseases. <i>Cellular and Molecular Life Sciences</i> , <b>2020</b> , 77, 3525-3546	10.3	14
74	Synthesis of Substituted Pyrroles via Copper-Catalyzed Cyclization of Ethyl Allenoates with Activated Isocyanides. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2121-5	4.5	14
73	Combination treatment with Rhizoma Paridis and Rhizoma Curcuma longa extracts and 10-hydroxycamptothecin enhances the antitumor effect in H22 tumor model by increasing the plasma concentration. <i>Biomedicine and Pharmacotherapy</i> , <b>2016</b> , 83, 627-634	7.5	14

72	5-(2-carboxyethenyl) isatin derivative induces G <sub>2</sub> M cell cycle arrest and apoptosis in human leukemia K562 cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 450, 1650-5	3.4	13
71	Total synthesis of 8-(6?-umbelliferyl)-apigenin and its analogs as anti-diabetic reagents. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 122, 674-683	6.8	13
70	Utilization of metabonomics to identify serum biomarkers in murine H22 hepatocarcinoma and deduce antitumor mechanism of Rhizoma Paridis saponins. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 256, 55-63	5	12
69	Synthesis and immunogenicity of PG-tb1 monovalent glycoconjugate. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 134, 140-146	6.8	11
68	Fluorescent Neomannosyl Bovine Serum Albumin as Efficient Probe for Mannose Receptor Imaging and MCF-7 Cancer Cell Targeting. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 1058-1065	5.6	11
67	Polyvalent effect enhances diglycosidic antiplasmodial activity. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 121, 640-648	6.8	11
66	Metabolic regulatory network alterations reveal different therapeutic effects of cisplatin and Rhizoma paridis saponins in Lewis pulmonary adenoma mice. <i>RSC Advances</i> , <b>2016</b> , 6, 115029-115038	3.7	11
65	3RGeranyl-mono-substituted chalcone Xanthoangelol induces apoptosis in human leukemia K562 cells via activation of mitochondrial pathway. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 261, 103-107	5	10
64	Divalent oseltamivir analogues as potent influenza neuraminidase inhibitors. <i>Carbohydrate Research</i> , <b>2019</b> , 477, 32-38	2.9	10
63	Synthesis & $\beta$ -glucosidase inhibitory & glucose consumption-promoting activities of flavonoid-coumarin hybrids. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 1055-1066	4.1	10
62	Synthesis and anti-oxidant activity evaluation of (H)-Anastatins A, B and their analogs. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 138, 577-589	6.8	10
61	Access to Furo[2,3-b]pyridines by Transition-Metal-Free Intramolecular Cyclization of C3-substituted Pyridine N-oxides. <i>Asian Journal of Organic Chemistry</i> , <b>2018</b> , 7, 879-882	3	9
60	Catalyst-free three-component synthesis of highly functionalized 2,3-dihydropyrroles. <i>Green Chemistry</i> , <b>2018</b> , 20, 2775-2780	10	9
59	Na-K-ATPase and nka genes in spotted sea bass ( <i>Lateolabrax maculatus</i> ) and their involvement in salinity adaptation. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , <b>2019</b> , 235, 69-81	2.6	8
58	Recent advances in the synthesis of 2,3-dihydropyrroles. <i>Chemical Communications</i> , <b>2020</b> , 56, 5584-5592	5.8	8
57	Anti-tubulin agent vinorelbine inhibits metastasis of cancer cells by regulating epithelial-mesenchymal transition. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 200, 112332	6.8	8
56	Synthesis and biological evaluation of novel N-aryl-(benzoazol-2-yl)-sulfanylalkanamides as dual inhibitors of $\beta$ -glucosidase and protein tyrosine phosphatase 1B. <i>Chemical Biology and Drug Design</i> , <b>2018</b> , 92, 1647-1656	2.9	8
55	Multivalent zanamivir-bovine serum albumin conjugate as a potent influenza neuraminidase inhibitor. <i>Journal of Carbohydrate Chemistry</i> , <b>2017</b> , 36, 235-246	1.7	8

54	Poly ethylene glycol (PEG)-Related controllable and sustainable antidiabetic drug delivery systems. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 217, 113372	6.8	8
53	1,4-Addition Ugi Reaction Using Cyclic $\beta$ , $\beta$ Unsaturated Ketone as Substrate. <i>Organic Letters</i> , <b>2016</b> , 18, 5038-5041	6.2	8
52	Synthesis and immunogenicity of the arabinomannan-CRM197 conjugate. <i>MedChemComm</i> , <b>2019</b> , 10, 543-553	5	7
51	Synthesis and biological evaluation of novel saccharin derivatives containing 1,2,3-triazole moiety. <i>Chemical Research in Chinese Universities</i> , <b>2015</b> , 31, 71-77	2.2	7
50	First Total Synthesis and Cytotoxicity of Naturally Occurring Lespedezol E1. <i>Chemistry of Natural Compounds</i> , <b>2016</b> , 52, 896-898	0.7	7
49	Paris saponin I inhibits proliferation and promotes apoptosis through down-regulating AKT activity in human non-small-cell lung cancer cells and inhibiting ERK expression in human small-cell lung cancer cells. <i>RSC Advances</i> , <b>2016</b> , 6, 70816-70824	3.7	7
48	Low toxic and high soluble camptothecin derivative 2-47 effectively induces apoptosis of tumor cells in vitro. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 472, 477-81	3.4	7
47	Synthesis and Antiproliferatory Activities Evaluation of Multi-Substituted Isatin Derivatives. <i>Molecules</i> , <b>2020</b> , 26,	4.8	7
46	One-Pot Selective Saturation and Functionalization of Heteroaromatics Leading to Dihydropyridines and Dihydroquinolines. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 5027-5037	4.2	6
45	Synthesis of 6- or 8-Bromo Flavonoids by Regioselective Mono-Bromination and Deprotection Protocol from Flavonoid Alkyl Ethers. <i>Bulletin of the Korean Chemical Society</i> , <b>2015</b> , 36, 1460-1466	1.2	6
44	Thiosialoside-decorated polymers use a two-step mechanism to inhibit both early and late stages of influenza virus infection. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 199, 112357	6.8	6
43	Effects of an isatin derivative on tumor cell migration and angiogenesis. <i>RSC Advances</i> , <b>2020</b> , 10, 1191-1197	3.9	6
42	Cyclodextrins based delivery systems for macro biomolecules. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 212, 113105	6.8	6
41	Novel amphiphilic PEG-hydroxycamptothecin conjugates as glutathione-responsive prodrug nanocapsules for cancer chemotherapy. <i>Journal of Nanoparticle Research</i> , <b>2017</b> , 19, 1	2.3	5
40	Robust Kalman Filtering Based on Chi-square Increment and Its Application. <i>Remote Sensing</i> , <b>2020</b> , 12, 732	5	5
39	Antioxidant properties of flavonoid derivatives and their hepatoprotective effects on CCl <sub>4</sub> induced acute liver injury in mice. <i>RSC Advances</i> , <b>2018</b> , 8, 15366-15371	3.7	5
38	Synthesis of tetracyclic oxindoles and evaluation of their $\beta$ -glucosidase inhibitory and glucose consumption-promoting activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127264	2.9	5
37	SFPH proteins as therapeutic targets for a myriad of diseases. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2020</b> , 30, 127600	2.9	5

36	Synergy between vinorelbine and afatinib in the inhibition of non-small cell lung cancer progression by EGFR and p53 signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , <b>2021</b> , 134, 111144	7.5	5
35	Optimal Wavelength Selection for Hyperspectral Imaging Evaluation on Vegetable Soybean Moisture Content during Drying. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 331	2.6	4
34	An Advanced Multipath Mitigation Method Based on Trend Surface Analysis. <i>Remote Sensing</i> , <b>2020</b> , 12, 3601	5	4
33	Synthesis of S-sialyl polymers as efficient polyvalent influenza inhibitors and capturers. <i>Journal of Carbohydrate Chemistry</i> , <b>2018</b> , 37, 18-29	1.7	4
32	Modification of bovine serum albumin with aminophenylboronic acid as glycan sensor based on surface plasmon resonance and isothermal titration calorimetry. <i>Heterocyclic Communications</i> , <b>2017</b> , 23, 237-243	1.7	4
31	Stereoselective Four-Component Synthesis of Functionalized 2,3-Dihydro-4-Nitropyrroles. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 810	5	4
30	Slc4 Gene Family in Spotted Sea Bass ( <i>Lateolabrax maculatus</i> ): Structure, Evolution, and Expression Profiling in Response to Alkalinity Stress and Salinity Changes. <i>Genes</i> , <b>2020</b> , 11,	4.2	3
29	Synthesis of indole inhibitors of silent information regulator 1 (SIRT1), and their evaluation as cytotoxic agents. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 202, 112561	6.8	3
28	Synthesis and Biological Evaluation of Novel Water-Soluble Poly-(ethylene glycol)-10-hydroxycamptothecin Conjugates. <i>Molecules</i> , <b>2015</b> , 20, 9393-404	4.8	3
27	Efficient chemoenzymatic synthesis of fluorinated sialyl Thomsen-Friedenreich antigens and investigation of their characteristics. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 208, 112776	6.8	3
26	Accessing 1,8-Naphthyridones by Metal-Free Regioselective Amination of Pyridine N-oxides/Acid-Mediated Cyclization. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 3841-3845	5.6	3
25	5-Acetamido-1-(methoxybenzyl) isatin inhibits tumor cell proliferation, migration, and angiogenesis.. <i>RSC Advances</i> , <b>2019</b> , 9, 36690-36698	3.7	3
24	Total synthesis of I3,I18-biapigenin and ridiculoflavone A. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 578-586	5.2	2
23	Facile and Efficient Synthesis of Tri- and Tetrasubstituted 7-Azabenzofuran Derivatives. <i>Asian Journal of Organic Chemistry</i> , <b>2020</b> , 9, 749-752	3	2
22	2-(2-nitrobenzylidene) indolin-3-one compound inhibits transmembrane prostate androgen-induced protein (TMEPAI) expression and cancer cell proliferation. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12469	7.9	2
21	Total synthesis of wikstrol A and wikstrol B. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 8206-8213	3.9	2
20	Synthesis of natural 3RPrenylchalconaringenin and biological evaluation of ameliorating non-alcoholic fatty liver disease and metabolic syndrome. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 205, 112649	6.8	2
19	Identification, expression analysis, and functional characterization of ghrelin and its receptors in spotted sea bass ( <i>Lateolabrax maculatus</i> ). <i>Marine Life Science and Technology</i> , <b>2020</b> , 2, 349-359	4.5	2



18	Effects of crude extracellular protein and crude intracellular polysaccharides of <i>Vibrio alginolyticus</i> on the growth, energy metabolism regulation and WSSV resistance of <i>Litopenaeus vannamei</i> . <i>Aquaculture Nutrition</i> , <b>2019</b> , 25, 56-65	3.2	2
17	Atomically Dispersed Fe-N C Sites Induce Asymmetric Electron Structures to Afford Superior Oxygen Reduction Activity.. <i>Small</i> , <b>2022</b> , e2201255	11	2
16	Mechanism and origin of stereoselectivity in Robinson annulations leading to bicyclo[3.3.1]nonanes: a rare Curtin-Hammett scenario. <i>Journal of Physical Organic Chemistry</i> , <b>2017</b> , 30, e3595	2.1	1
15	Benzothiazole derivatives upregulate SIRT1 and relevant genes in high-fat fed C57BL/6J mice. <i>Medicinal Chemistry Research</i> , <b>2015</b> , 24, 2454-2460	2.2	1
14	Ice-Bentonite Powder Mixing Method to Improve the Homogeneity of Compacted Bentonite in An Initial Sample Preparation Stage. <i>Clays and Clay Minerals</i> , <b>2016</b> , 64, 706-718	2.1	1
13	Peptide Modified Albumin-Paclitaxel Nanoparticles for Improving Chemotherapy and Preventing Metastasis.. <i>Macromolecular Bioscience</i> , <b>2021</b> , e2100404	5.5	1
12	Characteristics of the BDS-3 multipath effect and mitigation methods using precise point positioning. <i>GPS Solutions</i> , <b>2022</b> , 26, 1	4.4	1
11	Preparation, characterization, antioxidant evaluation of new curcumin derivatives and effects of forming HSA-bound nanoparticles on the stability and activity. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 207, 112798	6.8	1
10	N-acetylgalactosamine-decorated nanoliposomes for targeted delivery of paclitaxel to hepatocellular carcinoma. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 222, 113605	6.8	1
9	Guanidinothiosialoside-Human Serum Albumin Conjugate Mimics mucin Barrier to Restrict Influenza Infection. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 162, 84-91	7.9	0
8	Four new fatty acid derivatives from sp. T24, an endophytic fungus isolated from. <i>Journal of Asian Natural Products Research</i> , <b>2021</b> , 1-14	1.5	0
7	Rhodium-catalyzed iminoiodane-mediated oxyamidation studies of 5-vinyluracil derivatives using aryl and alkyl sulfamates. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 7414-7424	3.9	0
6	Antioxidant activities of anastatin A & B derivatives and compound 38cB protective effect in a mouse model of CCl <sub>4</sub> -induced acute liver injury.. <i>RSC Advances</i> , <b>2020</b> , 10, 14337-14346	3.7	0
5	Genome-Wide Characterization of Aquaporins (aqps) in <i>Lateolabrax maculatus</i> : Evolution and Expression Patterns During Freshwater Acclimation. <i>Marine Biotechnology</i> , <b>2021</b> , 23, 696-709	3.4	0
4	Chemoenzymatic synthesis and biological evaluation of ganglioside GM3 and lyso-GM3 as potential agents for cancer therapy. <i>Carbohydrate Research</i> , <b>2021</b> , 509, 108431	2.9	0
3	Prediction of the mechanisms of action of Zhibai Dihaung Granule in cisplatin-induced acute kidney injury: A network pharmacology study and experimental validation.. <i>Journal of Ethnopharmacology</i> , <b>2022</b> , 292, 115241	5	0
2	Co-delivery of F7 and crizotinib by thermosensitive liposome for breast cancer treatment.. <i>Journal of Liposome Research</i> , <b>2021</b> , 1-11	6.1	0
1	Synthesis and immunogenicity of Brucella monovalent neoglycoconjugate. <i>Carbohydrate Research</i> , <b>2021</b> , 499, 108196	2.9	

