

# Peng Yu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3837678/peng-yu-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

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	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
106	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
105	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
104	Peptide Modified Albumin-Paclitaxel Nanoparticles for Improving Chemotherapy and Preventing Metastasis.. <i>Macromolecular Bioscience</i> , <b>2021</b> , e2100404	5.5	1
103	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
102	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
101	Synthesis and immunogenicity of Brucella monovalent neoglycoconjugate. <i>Carbohydrate Research</i> , <b>2021</b> , 499, 108196	2.9	
100	Cyclodextrins based delivery systems for macro biomolecules. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 212, 113105	6.8	6
99	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
98	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
97	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
96	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
95	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
94	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
93	An Advanced Multipath Mitigation Method Based on Trend Surface Analysis. <i>Remote Sensing</i> , <b>2020</b> , 12, 3601	5	4
92	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
91	Recent advances in the synthesis of 2,3-dihydropyrroles. <i>Chemical Communications</i> , <b>2020</b> , 56, 5584-5592	5.8	8

90	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
89	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
88	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
87	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
86	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
85	Robust Kalman Filtering Based on Chi-square Increment and Its Application. <i>Remote Sensing</i> , <b>2020</b> , 12, 732	5	5
84	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
83	Synthesis and Antiproliferatory Activities Evaluation of Multi-Substituted Isatin Derivatives. <i>Molecules</i> , <b>2020</b> , 26,	4.8	7
82	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
81	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
80	Effects of an isatin derivative on tumor cell migration and angiogenesis. <i>RSC Advances</i> , <b>2020</b> , 10, 1191-1197	3.7	6
79	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
78	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
77	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
76	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
75	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
74	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
73	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

72	Antioxidant activities of anastatin A & B derivatives and compound 38c $\beta$ 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
71	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
70	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
69	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
68	Strategic C-C Bond-Forming Dearomatization of Pyridines and Quinolines. <i>Organic Letters</i> , <b>2019</b> , 21, 4450-4463	5.4	17
67	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
66	Divalent oseltamivir analogues as potent influenza neuraminidase inhibitors. <i>Carbohydrate Research</i> , <b>2019</b> , 477, 32-38	2.9	10
65	Synthesis and immunogenicity of the arabinomannan-CRM197 conjugate. <i>MedChemComm</i> , <b>2019</b> , 10, 543-553	5	7
64	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
63	Total synthesis of wikstrol A and wikstrol B. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 8206-8213	3.9	2
62	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
61	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
60	Stereoselective Four-Component Synthesis of Functionalized 2,3-Dihydro-4-Nitropyrroles. <i>Frontiers in Chemistry</i> , <b>2019</b> , 7, 810	5	4
59	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
58	Composition design and medical application of liposomes. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 164, 640-653	6.8	186
57	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
56	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
55	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

54	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
53	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
52	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
51	Antioxidant properties of flavonoid derivatives and their hepatoprotective effects on CCl induced acute liver injury in mice.. <i>RSC Advances</i> , <b>2018</b> , 8, 15366-15371	3.7	5
50	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
49	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
48	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
47	Synthesis and biological evaluation of novel N-aryl- $\beta$ (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
46	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
45	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
44	Catalyst-free three-component synthesis of highly functionalized 2,3-dihydropyrroles. <i>Green Chemistry</i> , <b>2018</b> , 20, 2775-2780	10	9
43	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
42	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
41	Total synthesis of 13,118-biapigenin and ridiculoflavone A. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 578-586	5.2	2
40	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
39	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
38	Strategic Approach to 8-Azacoumarins. <i>Organic Letters</i> , <b>2017</b> , 19, 984-987	6.2	24
37	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

36	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
35	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
34	Synthesis and immunogenicity of PG-tb1 monovalent glycoconjugate. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 134, 140-146	6.8	11
33	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	11
32	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
31	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
30	Synthesis and anti-oxidant activity evaluation of ( $\beta$ )-Anastatins A, B and their analogs. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 138, 577-589	6.8	10
29	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
28	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
27	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
26	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
25	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
24	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
23	Polyvalent effect enhances diglycosidic antiplasmodial activity. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 121, 640-648	6.8	11
22	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
21	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
20	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
19	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

18	Utilization of metabonomics to identify serum biomarkers in murine H22 hepatocarcinoma and deduce antitumor mechanism of <i>Rhizoma Paridis</i> saponins. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 256, 55-63	5	12
17	Metabolic regulatory network alterations reveal different therapeutic effects of cisplatin and <i>Rhizoma paridis</i> saponins in Lewis pulmonary adenoma mice. <i>RSC Advances</i> , <b>2016</b> , 6, 115029-115038	3.7	11
16	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
15	Multivalent S-sialoside protein conjugates block influenza hemagglutinin and neuraminidase. <i>Carbohydrate Research</i> , <b>2016</b> , 435, 68-75	2.9	19
14	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
13	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
12	Combination treatment with <i>Rhizoma Paridis</i> and <i>Rhizoma Curcuma longa</i> 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
11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	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
2	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
1	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

