

Yung-Chi Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

4,973
citations

136740

32
h-index

91712

69
g-index

84
all docs

84
docs citations

84
times ranked

4132
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer of purified herpes virus thymidine kinase gene to cultured mouse cells. <i>Cell</i> , 1977, 11, 223-232.	13.5	1,548
2	The Four-Herb Chinese Medicine PHY906 Reduces Chemotherapy-Induced Gastrointestinal Toxicity. <i>Science Translational Medicine</i> , 2010, 2, 45ra59.	5.8	282
3	An exonucleolytic activity of human apurinic/apyrimidinic endonuclease on 3' mispaired DNA. <i>Nature</i> , 2002, 415, 655-659.	13.7	220
4	Safety Surveillance of Traditional Chinese Medicine: Current and Future. <i>Drug Safety</i> , 2015, 38, 117-128.	1.4	188
5	Anti-Aids Agents, 2: Inhibitory Effect of Tannins on HIV Reverse Transcriptase and HIV Replication in H9 Lymphocyte Cells. <i>Journal of Natural Products</i> , 1990, 53, 587-595.	1.5	173
6	Old formula, new Rx: The journey of PHY906 as cancer adjuvant therapy. <i>Journal of Ethnopharmacology</i> , 2012, 140, 614-623.	2.0	131
7	Major achievements of evidence-based traditional Chinese medicine in treating major diseases. <i>Biochemical Pharmacology</i> , 2017, 139, 94-104.	2.0	123
8	PHY906(KD018), an adjuvant based on a 1800-year-old Chinese medicine, enhanced the anti-tumor activity of Sorafenib by changing the tumor microenvironment. <i>Scientific Reports</i> , 2015, 5, 9384.	1.6	116
9	Antiviral Action and Cellular Toxicity of Four Thymidine Analogues: 5-Ethyl-, 5-Vinyl-, 5-Propyl-, and 5-Allyl-2-Deoxyuridine. <i>Antimicrobial Agents and Chemotherapy</i> , 1976, 10, 119-122.	1.4	108
10	A Novel Action of Human Apurinic/Apyrimidinic Endonuclease. <i>Journal of Biological Chemistry</i> , 2000, 275, 31009-31015.	1.6	107
11	Liquid chromatography/mass spectrometry analysis of PHY906, a Chinese medicine formulation for cancer therapy. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3593-3607.	0.7	107
12	The Exonuclease Activity of Human Apurinic/Apyrimidinic Endonuclease (APE1). <i>Journal of Biological Chemistry</i> , 2003, 278, 18289-18296.	1.6	100
13	A comprehensive platform for quality control of botanical drugs (PhytomicsQC): a case study of Huangqin Tang (HQT) and PHY906. <i>Chinese Medicine</i> , 2010, 5, 30.	1.6	92
14	Antibacterial Flavonoids from Medicinal Plants Covalently Inactivate Type III Protein Secretion Substrates. <i>Journal of the American Chemical Society</i> , 2016, 138, 2209-2218.	6.6	87
15	Impairment of APE1 Function Enhances Cellular Sensitivity to Clinically Relevant Alkylators and Antimetabolites. <i>Molecular Cancer Research</i> , 2009, 7, 897-906.	1.5	73
16	Interaction of a traditional Chinese Medicine (PHY906) and CPT-11 on the inflammatory process in the tumor microenvironment. <i>BMC Medical Genomics</i> , 2011, 4, 38.	0.7	73
17	Synthesis and Anti-HIV and Anti-HBV Activities of 2'-Fluoro-3'-unsaturated I-Nucleosides. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 1320-1328.	2.9	71
18	Targeting tumour microenvironment by tyrosine kinase inhibitor. <i>Molecular Cancer</i> , 2018, 17, 43.	7.9	71

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19	Traditional herbal medicine and nanomedicine: Converging disciplines to improve therapeutic efficacy and human health. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113964.	6.6	71
20	Effects of processing adjuvants on traditional Chinese herbs. <i>Journal of Food and Drug Analysis</i> , 2018, 26, S96-S114.	0.9	69
21	An integrated system for identifying the hidden assassins in traditional medicines containing aristolochic acids. <i>Scientific Reports</i> , 2015, 5, 11318.	1.6	63
22	Expression of the type 3 InsP ₃ receptor is a final common event in the development of hepatocellular carcinoma. <i>Gut</i> , 2019, 68, 1676-1687.	6.1	56
23	Altered Formation of Topotecan-Stabilized Topoisomerase I-DNA Adducts in Human Leukemia Cells. <i>Blood</i> , 1997, 89, 2098-2104.	0.6	51
24	Asymmetric Synthesis and Antiviral Activities of I-Carbocyclic 2'-,3'-Didehydro-2',3'-dideoxy and 2'-,3'-Dideoxy Nucleosides. <i>Journal of Medicinal Chemistry</i> , 1999, 42, 3390-3399.	2.9	44
25	Spiropentane Mimics of Nucleosides: Analogue of 2'-Deoxyadenosine and 2'-Deoxyguanosine. Synthesis of All Stereoisomers, Isomeric Assignment, and Biological Activity. <i>Journal of Organic Chemistry</i> , 2000, 65, 1280-1290.	1.7	41
26	High titers of anti-epstein-barr virus DNA polymerase are found in patients with severe fatiguing illness. <i>Journal of Medical Virology</i> , 1994, 42, 42-46.	2.5	39
27	Cornusides A-O, Bioactive Iridoid Glucoside Dimers from the Fruit of <i>Cornus officinalis</i> . <i>Journal of Natural Products</i> , 2017, 80, 3103-3111.	1.5	39
28	Anti-AIDS (Acquired Immune Deficiency Syndrome) Agents. 17. New Brominated Hexahydroxybiphenyl Derivatives as Potent Anti-HIV Agents. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 3003-3008.	2.9	35
29	Prevention of binding of rgp120 by anti-HIV active tannins. <i>Biochemical Pharmacology</i> , 1992, 43, 2479-2480.	2.0	34
30	Biochemical Characterization of the HIV-1 Integrase 3'-Processing Activity and Its Inhibition by Phosphorothioate Oligonucleotides. <i>Biochemistry</i> , 1998, 37, 7237-7243.	1.2	34
31	New targets and inhibitors of HBV replication to combat drug resistance. <i>Journal of Clinical Virology</i> , 2005, 34, S147-S150.	1.6	33
32	Preclinical studies of the Chinese Herbal Medicine formulation PHY906 (KD018) as a potential adjunct to radiation therapy. <i>International Journal of Radiation Biology</i> , 2013, 89, 16-25.	1.0	33
33	New and bioactive natural products from an endophyte of <i>Panax notoginseng</i> . <i>RSC Advances</i> , 2017, 7, 38100-38109.	1.7	32
34	Design, synthesis and antiviral evaluation of novel heteroarylcarbothioamide derivatives as dual inhibitors of HIV-1 reverse transcriptase-associated RNase H and RDDP functions. <i>Pathogens and Disease</i> , 2017, 75, .	0.8	31
35	Removal of anti-human immunodeficiency virus 2',3'-dideoxynucleoside monophosphates from DNA by a novel human cytosolic 3' → 5' exonuclease. <i>Biochemical Pharmacology</i> , 1995, 50, 815-821.	2.0	29
36	Natural deep eutectic characteristics of honey improve the bioactivity and safety of traditional medicines. <i>Journal of Ethnopharmacology</i> , 2020, 250, 112460.	2.0	29

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37	HIV and reverse transcriptase inhibition by tannins. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 1529-1534.	1.0	27
38	Improving the Concentrations of the Active Components in the Herbal Tea Ingredient, <i>Uraria crinita</i> : The Effect of Post-harvest Oven-drying Processing. <i>Scientific Reports</i> , 2017, 7, 38763.	1.6	27
39	Apurinic/Apyrimidinic Endonuclease-1 Protein Level Is Associated with the Cytotoxicity of l-Configuration Deoxycytidine Analogs (Troxacitabine and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td (Î²-l-2â€²,3â€²-Dideoxy (Gemcitabine and Î²-d-Arabinofuranosylcytosine). <i>Molecular Pharmacology</i> , 2006, 69, 1607-1614.	1.0	26
40	The number of intestinal bacteria is not critical for the enhancement of antitumor activity and reduction of intestinal toxicity of irinotecan by the Chinese herbal medicine PHY906 (KD018). <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 490.	3.7	26
41	Mechanism Based Quality Control (MBQC) of Herbal Products: A Case Study YIV-906 (PHY906). <i>Frontiers in Pharmacology</i> , 2018, 9, 1324.	1.6	25
42	A Phase II Clinical Trial on the Combination Therapy of PHY906 Plus Capecitabine in Hepatocellular Carcinoma. <i>Oncologist</i> , 2021, 26, e367-e373.	1.9	24
43	DNA Polymerases versus HIV Reverse Transcriptase in AIDS Therapy. <i>Annals of the New York Academy of Sciences</i> , 1990, 616, 217-223.	1.8	23
44	Promotion of quality standard of Chinese herbal medicine by the integrated and efficacy-oriented quality marker of Effect-constituent Index. <i>Phytomedicine</i> , 2018, 45, 26-35.	2.3	20
45	Characterization, Dynamics, and Mechanism of CXCR4 Antagonists on a Constitutively Active Mutant. <i>Cell Chemical Biology</i> , 2019, 26, 662-673.e7.	2.5	20
46	Study of Malformin C, a Fungal Source Cyclic Pentapeptide, as an Anti-Cancer Drug. <i>PLoS ONE</i> , 2015, 10, e0140069.	1.1	20
47	Synthesis of a Series of Purine 2â€²,3â€²-Dideoxy-L-Nucleoside Analogues as Potential Antiviral Agents. <i>Nucleosides & Nucleotides</i> , 1995, 14, 1759-1783.	0.5	19
48	Enhanced B-Raf-mediated NRF2 gene transcription and HATs-mediated NRF2 protein acetylation contributes to ABCC1-mediated chemoresistance and glutathione-mediated survival in acquired topoisomerase II poison-resistant cancer cells. <i>Free Radical Biology and Medicine</i> , 2017, 113, 505-518.	1.3	18
49	Majority of Chinese Medicine Herb Category "Qing Re Yao" Have Multiple Mechanisms of Anti-inflammatory Activity. <i>Scientific Reports</i> , 2018, 8, 7416.	1.6	18
50	Antitumor agents. 125. New 4 beta-benzoylamino derivatives of 4'-O-demethyl-4-desoxypodophyllotoxin and 4 beta-benzoyl derivatives of 4'-O-demethylpodophyllotoxin as potent inhibitors of human DNA topoisomerase II. <i>Pharmaceutical Research</i> , 1993, 10, 214-219.	1.7	17
51	Gallic Acid Ameliorated Impaired Lipid Homeostasis in a Mouse Model of High-Fat Diet" and Streptozotocin-Induced NAFLD and Diabetes through Improvement of Î²-oxidation and Ketogenesis. <i>Frontiers in Pharmacology</i> , 2020, 11, 606759.	1.6	17
52	Tylophorine Analogs Allosterically Regulates Heat Shock Cognate Protein 70 And Inhibits Hepatitis C Virus Replication. <i>Scientific Reports</i> , 2017, 7, 10037.	1.6	16
53	Phosphorothioate Oligonucleotides as Potential Antiviral Compounds Against Human Immunodeficiency Virus and Herpes Viruses. <i>Nucleosides & Nucleotides</i> , 1991, 10, 155-166.	0.5	14
54	Chemosynthesis pathway and bioactivities comparison of saponins in radix and flower of <i>Panax notoginseng</i> (Burk.) F.H. Chen. <i>Journal of Ethnopharmacology</i> , 2017, 201, 56-72.	2.0	14

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55	YIV-906 potentiated anti-PD1 action against hepatocellular carcinoma by enhancing adaptive and innate immunity in the tumor microenvironment. <i>Scientific Reports</i> , 2021, 11, 13482.	1.6	13
56	Why and How to Globalize Traditional Chinese Medicine. <i>Journal of Traditional and Complementary Medicine</i> , 2011, 1, 1-4.	1.5	11
57	Disruption of the mevalonate pathway induces dNTP depletion and DNA damage. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1240-1253.	1.2	11
58	2-(Arylamino)-6-(trifluoromethyl)nicotinic Acid Derivatives: New HIV-1 RT Dual Inhibitors Active on Viral Replication. <i>Molecules</i> , 2020, 25, 1338.	1.7	11
59	State of the Science: Cancer Complementary and Alternative Medicine Therapeutics Researchâ€™NCI Strategic Workshop Highlights of Discussion Report. <i>Journal of the National Cancer Institute Monographs</i> , 2017, 2017, .	0.9	10
60	Prospective: Evolution of Chinese Medicine to Treat COVID-19 Patients in China. <i>Frontiers in Pharmacology</i> , 2020, 11, 615287.	1.6	10
61	Ethnopharmacological Survey of Traditional Chinese Medicine Pharmacy Prescriptions for Dysmenorrhea. <i>Frontiers in Pharmacology</i> , 2021, 12, 746777.	1.6	10
62	Excision of Î²-L- and Î²-D-Nucleotide Analogs From DNA by p53 Protein. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000, 19, 435-446.	0.4	8
63	Synthesis and Biological Evaluation of 1,3-Oxathiolane 5-Azapyrimidine, 6-Azapyrimidine, and Fluorosubstituted 3-Deazapyrimidine Nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2000, 19, 603-618.	0.4	8
64	Opportunities for traditional Chinese medicine to address unmet challenges in modern healthcare. <i>Journal of Traditional and Complementary Medicine</i> , 2015, 5, 2-4.	1.5	8
65	Antitumor agents. 126. Novel 4 beta-substituted anilino derivatives of 3',4'-O,O-didemethylpodophyllotoxin as potent inhibitors of human DNA topoisomerase II. <i>Pharmaceutical Research</i> , 1993, 10, 343-350.	1.7	7
66	Synthesis of 2-â€²-Methylene-Substituted 5-Azapyrimidine, 6-Azapyrimidine, and 3-Deazaguanine Nucleoside Analogues as Potential Antitumor/Antiviral Agents. <i>Nucleosides & Nucleotides</i> , 1999, 18, 55-72.	0.5	7
67	Tannins and Related Compounds as Anti-HIV Agents 1. , 1992, , 69-90.		7
68	Synthesis of 2-â€²,3-â€²-Dideoxy-2-â€²-Fluoro-l-threo</i>-Pentofuranosyl Nucleosides as Potential Antiviral Agents. <i>Nucleosides & Nucleotides</i> , 1999, 18, 2233-2252.	0.5	6
69	Tylophorine Analog DCB-3503 Inhibited Cyclin D1 Translation through Allosteric Regulation of Heat Shock Cognate Protein 70. <i>Scientific Reports</i> , 2016, 6, 32832.	1.6	6
70	An Ethnobotanical Study on QÄ«ng-CÄƒfo-ChÄƒi Tea in Taiwan. <i>Frontiers in Pharmacology</i> , 2020, 11, 931.	1.6	6
71	An Ethnobotanical Study of Medicinal Plants in Kinmen. <i>Frontiers in Pharmacology</i> , 2021, 12, 681190.	1.6	6
72	Herpes Simplex Virus Thymidine Kinase-Dependent Antiviral Agents. , 1984, , 59-70.		5

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73	Structure-activity relationships of cryptopleurine analogs with E-ring modifications as anti-hepatitis C virus agents. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 630-636.	1.4	4
74	A phase II randomized placebo-controlled study investigating the combination of yiv-906 and sorafenib (SORA) in HBV (+) patients (Pts) with advanced hepatocellular carcinoma (HCC).. <i>Journal of Clinical Oncology</i> , 2020, 38, TPS601-TPS601.	0.8	4
75	Cancer Biomarkers for Integrative Oncology. <i>Current Oncology Reports</i> , 2019, 21, 32.	1.8	3
76	Impact of the rtI187V polymerase substitution of hepatitis B virus on viral replication and antiviral drug susceptibility. <i>Journal of General Virology</i> , 2014, 95, 2523-2530.	1.3	2
77	Pilot trial of KDO18 with neo-adjuvant concurrent chemo-radiation therapy in patients with locally advanced rectal cancer.. <i>Journal of Clinical Oncology</i> , 2017, 35, e15162-e15162.	0.8	2
78	Ethnobotanical Survey on Bitter Tea in Taiwan. <i>Frontiers in Pharmacology</i> , 2022, 13, 816029.	1.6	2
79	Globalisation of Chinese Medicine. , 2003, , 215-244.		0
80	PHY906, a Cancer Adjuvant Therapy, Differentially Affects Inflammation of Different Tissues. , 2013, , 549-562.		0