

Vincent Kam Wai Wong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3809012/vincent-kam-wai-wong-publications-by-citations.pdf>

Version: 2024-04-27

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.

108
papers

5,757
citations

26
h-index

75
g-index

119
ext. papers

7,038
ext. citations

6.3
avg, IF

4.84
L-index

#	Paper	IF	Citations
108	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
107	Natural small-molecule enhancers of autophagy induce autophagic cell death in apoptosis-defective cells. <i>Scientific Reports</i> , 2014 , 4, 5510	4.9	106
106	Onjisaponin B derived from Radix Polygalae enhances autophagy and accelerates the degradation of mutant β synuclein and huntingtin in PC-12 cells. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 22618-41	6.3	85
105	Polyphyllin VI Induces Caspase-1-Mediated Pyroptosis via the Induction of ROS/NF- κ B/NLRP3/GSDMD Signal Axis in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2020 , 12,	6.6	77
104	Selective Inhibition of Lysine-Specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple-Negative Breast Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13091-13095	16.4	73
103	The in vitro structure-related anti-cancer activity of ginsenosides and their derivatives. <i>Molecules</i> , 2011 , 16, 10619-30	4.8	67
102	Mechanistic study of saikosaponin-d (Ssd) on suppression of murine T lymphocyte activation. <i>Journal of Cellular Biochemistry</i> , 2009 , 107, 303-15	4.7	58
101	An anti-prostate cancer benzofuran-conjugated iridium(III) complex as a dual inhibitor of STAT3 and NF- κ B. <i>Cancer Letters</i> , 2017 , 396, 76-84	9.9	56
100	Hernandezine, a novel AMPK activator induces autophagic cell death in drug-resistant cancers. <i>Oncotarget</i> , 2016 , 7, 8090-104	3.3	56
99	Neferine attenuates the protein level and toxicity of mutant huntingtin in PC-12 cells via induction of autophagy. <i>Molecules</i> , 2015 , 20, 3496-514	4.8	51
98	Asian ginseng extract inhibits in vitro and in vivo growth of mouse lewis lung carcinoma via modulation of ERK-p53 and NF- κ B signaling. <i>Journal of Cellular Biochemistry</i> , 2010 , 111, 899-910	4.7	46
97	Saikosaponin-d Enhances the Anticancer Potency of TNF- α via Overcoming Its Undesirable Response of Activating NF-Kappa B Signalling in Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 745295	2.3	44
96	SIRT3 restricts hepatitis B virus transcription and replication through epigenetic regulation of covalently closed circular DNA involving suppressor of variegation 3-9 homolog 1 and SET domain containing 1A histone methyltransferases. <i>Hepatology</i> , 2018 , 68, 1260-1276	11.2	43
95	Synthesis and cytotoxicity studies of artemisinin derivatives containing lipophilic alkyl carbon chains. <i>Organic Letters</i> , 2005 , 7, 1561-4	6.2	41
94	New Potential Pharmacological Functions of Chinese Herbal Medicines via Regulation of Autophagy. <i>Molecules</i> , 2016 , 21, 359	4.8	41
93	Tetrandrine, an Activator of Autophagy, Induces Autophagic Cell Death via PKC- β Inhibition and mTOR-Dependent Mechanisms. <i>Frontiers in Pharmacology</i> , 2017 , 8, 351	5.6	38
92	Hederagenin and Hederin promote degradation of proteins in neurodegenerative diseases and improve motor deficits in MPTP-mice. <i>Pharmacological Research</i> , 2017 , 115, 25-44	10.2	35

91	Polyphyllin VI, a saponin from <i>Trillium tschonoskii</i> Maxim. induces apoptotic and autophagic cell death via the ROS triggered mTOR signaling pathway in non-small cell lung cancer. <i>Pharmacological Research</i> , 2019 , 147, 104396	10.2	33
90	Ca signalling plays a role in celastrol-mediated suppression of synovial fibroblasts of rheumatoid arthritis patients and experimental arthritis in rats. <i>British Journal of Pharmacology</i> , 2019 , 176, 2922-2944	8.6	32
89	Pseudolaric acid B suppresses T lymphocyte activation through inhibition of NF-kappaB signaling pathway and p38 phosphorylation. <i>Journal of Cellular Biochemistry</i> , 2009 , 108, 87-95	4.7	31
88	Saikosaponin-d, a calcium mobilizing agent, sensitizes chemoresistant ovarian cancer cells to cisplatin-induced apoptosis by facilitating mitochondrial fission and G2/M arrest. <i>Oncotarget</i> , 2017 , 8, 99825-99840	3.3	31
87	Novel Peroxides as Promising Anticancer Agents with Unexpected Depressed Antimalarial Activity. <i>ChemMedChem</i> , 2018 , 13, 902-908	3.7	29
86	Matrine induces cell energy in human Jurkat T cells through modulation of mitogen-activated protein kinases and nuclear factor of activated T-cells signaling with concomitant up-regulation of energy-associated genes expression. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 40-6	2.3	29
85	Total ginsenosides increase coronary perfusion flow in isolated rat hearts through activation of PI3K/Akt-eNOS signaling. <i>Phytomedicine</i> , 2010 , 17, 1006-15	6.5	29
84	(Z)3,4,5,4'-trans-tetramethoxystilbene, a new analogue of resveratrol, inhibits gefitinb-resistant non-small cell lung cancer via selectively elevating intracellular calcium level. <i>Scientific Reports</i> , 2015 , 5, 16348	4.9	26
83	Autophagic effects of Chaihu (dried roots of <i>Bupleurum Chinense</i> DC or <i>Bupleurum scorzoneraefolium</i> WILD). <i>Chinese Medicine</i> , 2014 , 9, 21	4.7	26
82	Thalidezine, a novel AMPK activator, eliminates apoptosis-resistant cancer cells through energy-mediated autophagic cell death. <i>Oncotarget</i> , 2017 , 8, 30077-30091	3.3	25
81	Dicoumarol, an NQO1 inhibitor, blocks cccDNA transcription by promoting degradation of HBx. <i>Journal of Hepatology</i> , 2021 , 74, 522-534	13.4	25
80	Inhibition of KRAS-dependent lung cancer cell growth by deltarasin: blockage of autophagy increases its cytotoxicity. <i>Cell Death and Disease</i> , 2018 , 9, 216	9.8	24
79	Neferine induces autophagy-dependent cell death in apoptosis-resistant cancers via ryanodine receptor and Ca-dependent mechanism. <i>Scientific Reports</i> , 2019 , 9, 20034	4.9	24
78	Arsenic trioxide reverses the chemoresistance in hepatocellular carcinoma: a targeted intervention of 14-3-3/NF- κ B feedback loop. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018 , 37, 321	12.8	24
77	Identification of novel autophagic Radix Polygalae fraction by cell membrane chromatography and UHPLC-(Q)TOF-MS for degradation of neurodegenerative disease proteins. <i>Scientific Reports</i> , 2015 , 5, 17199	4.9	21
76	New perspectives of cobalt tris(bipyridine) system: anti-cancer effect and its collateral sensitivity towards multidrug-resistant (MDR) cancers. <i>Oncotarget</i> , 2017 , 8, 55003-55021	3.3	20
75	Mutation of cysteine 46 in IKK-beta increases inflammatory responses. <i>Oncotarget</i> , 2015 , 6, 31805-19	3.3	19
74	Lovastatin Enhances Cytotoxicity of Temozolomide via Impairing Autophagic Flux in Glioblastoma Cells. <i>BioMed Research International</i> , 2019 , 2019, 2710693	3	18

73	Phytotherapy using blueberry leaf polyphenols to alleviate non-alcoholic fatty liver disease through improving mitochondrial function and oxidative defense. <i>Phytomedicine</i> , 2020 , 69, 153209	6.5	17
72	Autophagic degradation of epidermal growth factor receptor in gefitinib-resistant lung cancer by celastrol. <i>International Journal of Oncology</i> , 2016 , 49, 1576-88	4.4	17
71	Advanced research technology for discovery of new effective compounds from Chinese herbal medicine and their molecular targets. <i>Pharmacological Research</i> , 2016 , 111, 546-555	10.2	17
70	Corilagin prevents SARS-CoV-2 infection by targeting RBD-ACE2 binding. <i>Phytomedicine</i> , 2021 , 87, 153591-153595	11.5	17
69	The active components derived from <i>Penthorum chinense</i> Pursh protect against oxidative-stress-induced vascular injury via autophagy induction. <i>Free Radical Biology and Medicine</i> , 2020 , 146, 160-180	7.8	16
68	Synthetic Peroxides Promote Apoptosis of Cancer Cells by Inhibiting P-Glycoprotein ABCB5. <i>ChemMedChem</i> , 2020 , 15, 1118-1127	3.7	15
67	Pathogenesis of thromboangiitis obliterans: Gene polymorphism and immunoregulation of human vascular endothelial cells. <i>Atherosclerosis</i> , 2017 , 265, 258-265	3.1	15
66	Novel direct AMPK activator suppresses non-small cell lung cancer through inhibition of lipid metabolism. <i>Oncotarget</i> , 2017 , 8, 96089-96102	3.3	15
65	Method for Quantification of Ribonucleotides and Deoxyribonucleotides in Human Cells Using (Trimethylsilyl)diazomethane Derivatization Followed by Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 1019-1026	7.8	15
64	Semi-synthetic isoflavones as BACE-1 inhibitors against Alzheimer's disease. <i>Bioorganic Chemistry</i> , 2019 , 87, 474-483	5.1	14
63	Rh2E2, a novel metabolic suppressor, specifically inhibits energy-based metabolism of tumor cells. <i>Oncotarget</i> , 2016 , 7, 9907-24	3.3	14
62	A small molecule HIF-1 β stabilizer that accelerates diabetic wound healing. <i>Nature Communications</i> , 2021 , 12, 3363	17.4	14
61	Antagonizing STAT5B dimerization with an osmium complex. <i>Scientific Reports</i> , 2016 , 6, 36044	4.9	14
60	Bavachin Protects Human Aortic Smooth Muscle Cells Against α -Glycerophosphate-Mediated Vascular Calcification and Apoptosis Activation of mTOR-Dependent Autophagy and Suppression of β -Catenin Signaling. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1427	5.6	14
59	Application of artificial neural network to investigate the effects of 5-fluorouracil on ribonucleotides and deoxyribonucleotides in HepG2 cells. <i>Scientific Reports</i> , 2015 , 5, 16861	4.9	13
58	A Functional Variant in Ubiquitin Conjugating Enzyme E2 L3 Contributes to Hepatitis B Virus Infection and Maintains Covalently Closed Circular DNA Stability by Inducing Degradation of Apolipoprotein B mRNA Editing Enzyme Catalytic Subunit 3A. <i>Hepatology</i> , 2019 , 69, 1885-1902	11.2	13
57	SERCA and P-glycoprotein inhibition and ATP depletion are necessary for celastrol-induced autophagic cell death and collateral sensitivity in multidrug-resistant tumor cells. <i>Pharmacological Research</i> , 2020 , 153, 104660	10.2	12
56	2-Aminoethoxydiphenylborane sensitizes anti-tumor effect of bortezomib via suppression of calcium-mediated autophagy. <i>Cell Death and Disease</i> , 2018 , 9, 361	9.8	12

55	Artemisinin Derivatives Target Topoisomerase 1 and Cause DNA Damage and. <i>Frontiers in Pharmacology</i> , 2017 , 8, 711	5.6	12
54	Novel dauricine derivatives suppress cancer via autophagy-dependent cell death. <i>Bioorganic Chemistry</i> , 2019 , 83, 450-460	5.1	12
53	The New Application of UHPLC-DAD-TOF/MS in Identification of Inhibitors on β Amyloid Fibrillation From. <i>Frontiers in Pharmacology</i> , 2019 , 10, 194	5.6	11
52	Four Prenylflavone Derivatives with Antiplasmodial Activities from the Stem of <i>Tephrosia purpurea</i> subsp. <i>leptostachya</i> . <i>Molecules</i> , 2017 , 22,	4.8	11
51	1,2,3,4,6-Pentagalloyl Glucose, a RBD-ACE2 Binding Inhibitor to Prevent SARS-CoV-2 Infection. <i>Frontiers in Pharmacology</i> , 2021 , 12, 634176	5.6	11
50	Computational and experimental insights on the interaction of artemisinin, dihydroartemisinin and chloroquine with SARS-CoV-2 spike protein receptor-binding domain (RBD). <i>Natural Product Research</i> , 2021 , 1-6	2.3	11
49	Natural products-based polypharmacological modulation of the peripheral immune system for the treatment of neuropsychiatric disorders. <i>Pharmacology & Therapeutics</i> , 2020 , 208, 107480	13.9	10
48	Isoliquiritigenin suppresses human T Lymphocyte activation via covalently binding cysteine 46 of IB kinase. <i>Oncotarget</i> , 2017 , 8, 34223-34235	3.3	10
47	NAD(P)H: Quinone oxidoreductase 1 overexpression in hepatocellular carcinoma potentiates apoptosis evasion through regulating stabilization of X-linked inhibitor of apoptosis protein. <i>Cancer Letters</i> , 2019 , 451, 156-167	9.9	9
46	Overexpression of ubiquitin-conjugating enzyme E2 L3 in hepatocellular carcinoma potentiates apoptosis evasion by inhibiting the GSK3 β /p65 pathway. <i>Cancer Letters</i> , 2020 , 481, 1-14	9.9	9
45	Profiling ribonucleotide and deoxyribonucleotide pools perturbed by gemcitabine in human non-small cell lung cancer cells. <i>Scientific Reports</i> , 2016 , 6, 37250	4.9	9
44	Aurone derivatives as Vps34 inhibitors that modulate autophagy. <i>Acta Pharmaceutica Sinica B</i> , 2019 , 9, 537-544	15.5	9
43	Identification of natural compounds as SARS-CoV-2 entry inhibitors by molecular docking-based virtual screening with bio-layer interferometry. <i>Pharmacological Research</i> , 2021 , 172, 105820	10.2	9
42	Design, Synthesis, Structure-Activity Relationship and Docking Studies of Novel Functionalized Arylviny-1,2,4-Trioxanes as Potent Antiplasmodial as well as Anticancer Agents. <i>ChemMedChem</i> , 2020 , 15, 1216-1228	3.7	8
41	Novel ginsenoside derivative 20(S)-Rh2E2 suppresses tumor growth and metastasis in vivo and in vitro via intervention of cancer cell energy metabolism. <i>Cell Death and Disease</i> , 2020 , 11, 621	9.8	8
40	Selective Inhibition of Lysine-Specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple-Negative Breast Cancer Therapy. <i>Angewandte Chemie</i> , 2018 , 130, 13275-13279	3.6	8
39	Niacin analogue, 6-Aminonicotinamide, a novel inhibitor of hepatitis B virus replication and HBsAg production. <i>EBioMedicine</i> , 2019 , 49, 232-246	8.8	7
38	Novel steroidal saponin isolated from <i>Trillium tschonoskii</i> maxim. exhibits anti-oxidative effect via autophagy induction in cellular and <i>Caenorhabditis elegans</i> models. <i>Phytomedicine</i> , 2019 , 65, 153088	6.5	7

37	Transcriptional activity of the promoter region of rat frizzled-related protein gene. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 286, 94-100	3.4	7
36	Drug-resistance in rheumatoid arthritis: the role of p53 gene mutations, ABC family transporters and personal factors. <i>Current Opinion in Pharmacology</i> , 2020 , 54, 59-71	5.1	6
35	A Drug Repurposing Approach for Antimalarials Interfering with SARS-CoV-2 Spike Protein Receptor Binding Domain (RBD) and Human Angiotensin-Converting Enzyme 2 (ACE2). <i>Pharmaceuticals</i> , 2021 , 14,	5.2	6
34	Adjuvant herbal therapy for targeting susceptibility genes to Kawasaki disease: An overview of epidemiology, pathogenesis, diagnosis and pharmacological treatment of Kawasaki disease. <i>Phytomedicine</i> , 2020 , 70, 153208	6.5	5
33	Inhibition of the CDK9-cyclin T1 protein-protein interaction as a new approach against triple-negative breast cancer.. <i>Acta Pharmaceutica Sinica B</i> , 2022 , 12, 1390-1405	15.5	5
32	Icariin enhances youth-like features by attenuating the declined gut microbiota in the aged mice. <i>Pharmacological Research</i> , 2021 , 168, 105587	10.2	5
31	Crystal Structures and Cytotoxicity of ent-Kaurane-Type Diterpenoids from Two <i>Aspilia</i> Species. <i>Molecules</i> , 2018 , 23,	4.8	5
30	A Novel Drug Resistance Mechanism: Genetic Loss of Xeroderma Pigmentosum Complementation Group C () Enhances Glycolysis-Mediated Drug Resistance in DLD-1 Colon Cancer Cells. <i>Frontiers in Pharmacology</i> , 2019 , 10, 912	5.6	4
29	Profiling of ribonucleotides and deoxyribonucleotides pools in response to DNA damage and repair induced by methyl methanesulfonate in cancer and normal cells. <i>Oncotarget</i> , 2017 , 8, 101707-101719	3.3	4
28	Polygala saponins inhibit NLRP3 inflammasome-mediated neuroinflammation via SHP-2-Mediated mitophagy.. <i>Free Radical Biology and Medicine</i> , 2021 , 179, 76-94	7.8	4
27	Resveratrol decreases cell apoptosis through inhibiting DNA damage in bronchial epithelial cells. <i>International Journal of Molecular Medicine</i> , 2020 , 45, 1673-1684	4.4	4
26	SIRT7 restricts HBV transcription and replication through catalyzing desuccinylation of histone H3 associated with cccDNA minichromosome. <i>Clinical Science</i> , 2021 , 135, 1505-1522	6.5	4
25	Targeting autophagy as a therapeutic strategy for identification of ligandans from <i>Peristrophe japonica</i> in Parkinson's disease. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 67	2.1	4
24	Saponins isolated from <i>Radix polygalae</i> extent lifespan by modulating complement C3 and gut microbiota. <i>Pharmacological Research</i> , 2021 , 170, 105697	10.2	4
23	Cytotoxicity of isoflavones from. <i>Natural Product Research</i> , 2021 , 35, 2744-2747	2.3	3
22	Salubrinal Enhances Doxorubicin Sensitivity in Human Cholangiocarcinoma Cells Through Promoting DNA Damage. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2018 , 33, 258-265	3.9	3
21	Identification of inhibitors of the polo-box domain of polo-like kinase 1 from natural and semisynthetic compounds. <i>Investigational New Drugs</i> , 2020 , 38, 1-9	4.3	3
20	Investigation into perturbed nucleoside metabolism and cell cycle for elucidating the cytotoxicity effect of resveratrol on human lung adenocarcinoma epithelial cells. <i>Chinese Journal of Natural Medicines</i> , 2019 , 17, 608-615	2.8	2

19	Sirtuin 5 deficiency increases disease severity in rats with adjuvant-induced arthritis. <i>Cellular and Molecular Immunology</i> , 2020 , 17, 1190-1192	15.4	2
18	Natural Citrus flavanone 5-demethylnobiletin stimulates melanogenesis through the activation of cAMP/CREB pathway in B16F10 cells.. <i>Phytomedicine</i> , 2022 , 98, 153941	6.5	2
17	AGEs-Induced Calcification and Apoptosis in Human Vascular Smooth Muscle Cells Is Reversed by Inhibition of Autophagy. <i>Frontiers in Pharmacology</i> , 2021 , 12, 692431	5.6	2
16	The present and future synthetic strategies of structural modifications of sinomenine. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 4089-4107	5.2	2
15	Potential therapeutic compounds from traditional Chinese medicine targeting endoplasmic reticulum stress to alleviate rheumatoid arthritis. <i>Pharmacological Research</i> , 2021 , 170, 105696	10.2	2
14	Dietary Plant Polyphenols as the Potential Drugs in Neurodegenerative Diseases: Current Evidence, Advances, and Opportunities.. <i>Oxidative Medicine and Cellular Longevity</i> , 2022 , 2022, 5288698	6.7	2
13	Traditional Patchouli Essential Oil modulates the host's immune responses and gut microbiota and exhibits potent anti-cancer effects in Apc mice.. <i>Pharmacological Research</i> , 2022 , 106082	10.2	1
12	N-[7-Chloro-4-[4-(phenoxyethyl)-1H-1,2,3-triazol-1-yl]quinoline]-acetamide. <i>MolBank</i> , 2021 , 2021, M12135	10.2	1
11	Autophagy Modulators From Chinese Herbal Medicines: Mechanisms and Therapeutic Potentials for Asthma. <i>Frontiers in Pharmacology</i> , 2021 , 12, 710679	5.6	1
10	Antileishmanial and cytotoxic activity of secondary metabolites from and two species. <i>Natural Product Research</i> , 2021 , 1-5	2.3	1
9	Synthesis, computational docking and biological evaluation of celastrol derivatives as dual inhibitors of SERCA and P-glycoprotein in cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2021 , 224, 113676	6.8	1
8	Novel halogenated arylvinyl-1,2,4 trioxanes as potent antiplasmodial as well as anticancer agents: Synthesis, bioevaluation, structure-activity relationship and in-silico studies. <i>European Journal of Medicinal Chemistry</i> , 2021 , 224, 113685	6.8	1
7	Exploring SARS-CoV-2 Delta variant spike protein receptor-binding domain (RBD) as a target for tanshinones and antimalarials.. <i>Natural Product Research</i> , 2022 , 1-6	2.3	1
6	Profiling Ribonucleotide and Deoxyribonucleotide Pools Perturbed by Remdesivir in Human Bronchial Epithelial Cells. <i>Frontiers in Pharmacology</i> , 2021 , 12, 647280	5.6	0
5	Far infrared irradiation suppresses experimental arthritis in rats by down-regulation of genes involved inflammatory response and autoimmunity.. <i>Journal of Advanced Research</i> , 2022 , 38, 107-118	13	0
4	Integrin activation as an alternative treatment approach for inflammatory diseases. <i>Acta Pharmacologica Sinica</i> , 2011 , 32, 1309-10	8	
3	Innenrücktitelbild: Selective Inhibition of Lysine-Specific Demethylase 5A (KDM5A) Using a Rhodium(III) Complex for Triple-Negative Breast Cancer Therapy (Angew. Chem. 40/2018). <i>Angewandte Chemie</i> , 2018 , 130, 13533-13533	3.6	
2	2-Bromo-3-((1-(7-chloroquinolin-4-yl)-1H-1,2,3-triazol-4-yl)-methoxy)-benzaldehyde. <i>MolBank</i> , 2022 , 2022, M1351	0.5	

- 1 Design, synthesis and antitumor evaluation of novel 1H-indole-2-carboxylic acid derivatives targeting 14-3-3 protein.. *European Journal of Medicinal Chemistry*, **2022**, 238, 114402 6.8