Larry Ming-Cheung Chow

List of Publications by Year
in descending order

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64	2,306	218677	223800
papers	citations	26 h-index	46 g-index

66	66	66	3130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temporal Control of the WNT Signaling Pathway During Cardiac Differentiation Impacts Upon the Maturation State of Human Pluripotent Stem Cell Derived Cardiomyocytes. Frontiers in Molecular Biosciences, 2022, 9, 714008.	3.5	1
2	Disruption of SND1â€“MTDH Interaction by a High Affinity Peptide Results in SND1 Degradation and Cytotoxicity to Breast Cancer Cells In Vitro and In Vivo. Molecular Cancer Therapeutics, 2021, 20, 76-84.	4.1	12
3	Natural Products Targeting Cancer Stem Cells: A Revisit. Current Medicinal Chemistry, 2021, 28, 6773-6804.	2.4	4
4	Amine-Linked Flavonoids as Agents against Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	3
5	RUVBL1/2 Complex Regulates Pro-Inflammatory Responses in Macrophages via Regulating Histone H3K4 Trimethylation. Frontiers in Immunology, 2021, 12, 679184.	4.8	6
6	Synthesis and evaluation of stereoisomers of methylated catechin and epigallocatechin derivatives on modulating P-glycoprotein-mediated multidrug resistance in cancers. European Journal of Medicinal Chemistry, 2021, 226, 113795.	5.5	9
7	Flavonoid Monomers as Potent, Nontoxic, and Selective Modulators of the Breast Cancer Resistance Protein (ABCG2). Journal of Medicinal Chemistry, 2021, 64, 14311-14331.	6.4	11
8	SALL4 promotes tumor progression in breast cancer by targeting EMT. Molecular Carcinogenesis, 2020, 59, 1209-1226.	2.7	19
9	Triazole Bridged Flavonoid Dimers as Potent, Nontoxic, and Highly Selective Breast Cancer Resistance Protein (BCRP/ABCG2) Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 8578-8608.	6.4	29
10	Targeted delivery of antimicrobial peptide by Cry protein crystal to treat intramacrophage infection. Biomaterials, 2019, 217, 119286.	11.4	30
11	Flavonoids as P-gp Inhibitors: A Systematic Review of SARs. Current Medicinal Chemistry, 2019, 26, 4799-4831.	2.4	22
12	Discovery of Novel Flavonoid Dimers To Reverse Multidrug Resistance Protein 1 (MRP1, ABCC1) Mediated Drug Resistance in Cancers Using a High Throughput Platform with â€œClick Chemistryâ€. Journal of Medicinal Chemistry, 2018, 61, 9931-9951.	6.4	26
13	Synthesis and in-vitro anti-leishmanial activity of (4-arylpiperazin-1-yl)(1-(thiophen-2-yl)-9 H -pyrido[3,4-) Tj ETQq1 1 0.784314 rgBT /Ov	4.1	20
14	Flavonoid dimers are highly potent killers of multidrug resistant cancer cells overexpressing MRP1. Biochemical Pharmacology, 2017, 124, 10-18.	4.4	27
15	The CCCTC-binding factor (CTCF)-forkhead box protein M1 axis regulates tumour growth and metastasis in hepatocellular carcinoma. Journal of Pathology, 2017, 243, 418-430.	4.5	29
16	Extending the structureâ”activity relationship study of marine natural ningalin B analogues as P-glycoprotein inhibitors. European Journal of Medicinal Chemistry, 2017, 125, 795-806.	5.5	16
17	2-Indolylmethylenebenzofuranones as first effective inhibitors of ABCC2. European Journal of Medicinal Chemistry, 2016, 122, 408-418.	5.5	22
18	Potent and Nontoxic Chemosensitizer of P-Glycoprotein-Mediated Multidrug Resistance in Cancer: Synthesis and Evaluation of Methylated Epigallocatechin, Gallocatechin, and Dihydromyricetin Derivatives. Journal of Medicinal Chemistry, 2015, 58, 4529-4549.	6.4	45

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19	A New Class of Safe, Potent, and Specific P-gp Modulator: Flavonoid Dimer FD18 Reverses P-gp-Mediated Multidrug Resistance in Human Breast Xenograft in Vivo. Molecular Pharmaceutics, 2015, 12, 3507-3517.	4.6	18
20	Optimization of permethyl ningalin B analogs as P-glycoprotein inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 5566-5573.	3.0	14
21	Visceral Leishmaniasis in China: an Endemic Disease under Control. Clinical Microbiology Reviews, 2015, 28, 987-1004.	13.6	69
22	Modification of Marine Natural Product Ningalin B and SAR Study Lead to Potent P-Glycoprotein Inhibitors. Marine Drugs, 2014, 12, 5209-5221.	4.6	12
23	In Vitro and In Vivo Efficacy of Novel Flavonoid Dimers against Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2014, 58, 3379-3388.	3.2	28
24	4,5-Di-substituted benzyl-imidazol-2-substituted amines as the structure template for the design and synthesis of reversal agents against P-gp-mediated multidrug resistance breast cancer cells. European Journal of Medicinal Chemistry, 2014, 83, 74-83.	5.5	16
25	Characterization of the Commercially-Available Fluorescent Chloroquine-BODIPY Conjugate, LynxTag-CQGREEN, as a Marker for Chloroquine Resistance and Uptake in a 96-Well Plate Assay. PLoS ONE, 2014, 9, e110800.	2.5	5
26	Cell culture using centrifugal microfluidic platform with demonstration on Pichia pastoris. Biomedical Microdevices, 2013, 15, 321-337.	2.8	16
27	Structureâ€“Activity Relationship Study of Permethyl Ningalin B Analogues as P-Glycoprotein Chemosensitizers. Journal of Medicinal Chemistry, 2013, 56, 9057-9070.	6.4	31
28	Synthesis of a Novel Series of (E,E)-4,6-bis(styryl)-2-O-Glucopyranosyl-Pyrimidines and Their Potent Multidrug Resistance (MDR) Reversal Activity Against Cancer Cells. Journal of Carbohydrate Chemistry, 2012, 31, 620-633.	1.1	9
29	Flavonoid Dimers as Novel, Potent Antileishmanial Agents. Journal of Medicinal Chemistry, 2012, 55, 8891-8902.	6.4	33
30	Amine Linked Flavonoid Dimers as Modulators for P-Glycoprotein-Based Multidrug Resistance: Structureâ€“Activity Relationship and Mechanism of Modulation. Journal of Medicinal Chemistry, 2012, 55, 1999-2014.	6.4	67
31	Synthesis of methylated quercetin derivatives and their reversal activities on P-gp- and BCRP-mediated multidrug resistance tumour cells. European Journal of Medicinal Chemistry, 2012, 54, 413-422.	5.5	59
32	Design and Syntheses of Permethyl Ningalin B Analogues: Potent Multidrug Resistance (MDR) Reversal Agents of Cancer Cells. Journal of Medicinal Chemistry, 2010, 53, 5108-5120.	6.4	51
33	Quinacrine and a novel apigenin dimer can synergistically increase the pentamidine susceptibility of the protozoan parasite Leishmania. Journal of Antimicrobial Chemotherapy, 2009, 63, 1179-1190.	3.0	27
34	Single-stranded DNA concentration by electrokinetic forces. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2009, 8, 021107.	0.9	0
35	Flavonoid Dimers as Bivalent Modulators for Pâ€Glycoproteinâ€Based Multidrug Resistance: Structureâ€“Activity Relationships. ChemMedChem, 2009, 4, 594-614.	3.2	45
36	Expression of SARS-coronavirus spike glycoprotein in Pichia pastoris. Virus Genes, 2009, 38, 1-9.	1.6	17

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37	Electrokinetic DNA concentration in microsystems. Sensors and Actuators A: Physical, 2009, 156, 381-387.	4.1	22
38	Modulation of Multidrug Resistance Protein 1 (MRP1/ABCC1)-Mediated Multidrug Resistance by Bivalent Apigenin Homodimers and Their Derivatives. Journal of Medicinal Chemistry, 2009, 52, 5311-5322.	6.4	76
39	Novel Classes of Dimer Antitumour Drug Candidates. Current Pharmaceutical Design, 2009, 15, 659-674.	1.9	25
40	Flavonoid Dimers as Bivalent Modulators for Pentamidine and Sodium Stiboglucanate Resistance in Leishmania. Antimicrobial Agents and Chemotherapy, 2007, 51, 930-940.	3.2	46
41	ORMOSIL oxygen sensors on polystyrene microplate for dissolved oxygen measurement. Sensors and Actuators B: Chemical, 2007, 123, 120-126.	7.8	39
42	Flavonoid Dimers as Bivalent Modulators for P-Glycoprotein-Based Multidrug Resistance:Â Synthetic Apigenin Homodimers Linked with Defined-Length Poly(ethylene glycol) Spacers Increase Drug Retention and Enhance Chemosensitivity in Resistant Cancer Cells. Journal of Medicinal Chemistry, 2006, 49, 6742-6759.	6.4	93
43	Functional reconstitution of purified chloroquine resistance membrane transporter expressed in yeast. Archives of Biochemistry and Biophysics, 2006, 452, 119-128.	3.0	23
44	The role of Leishmania enriettii multidrug resistance protein 1 (LeMDR1) in mediating drug resistance is iron-dependent. Molecular and Biochemical Parasitology, 2006, 150, 278-287.	1.1	28
45	Sensitive and Inexpensive Molecular Test for Falciparum Malaria: Detecting Plasmodium falciparum DNA Directly from Heat-Treated Blood by Loop-Mediated Isothermal Amplification,. Clinical Chemistry, 2006, 52, 303-306.	3.2	422
46	Complexation of antimony (SbV) with guanosine 5â€²-monophosphate and guanosine 5â€²-diphospho-d-mannose: Formation of both mono- and bis-adducts. Journal of Inorganic Biochemistry, 2005, 99, 2257-2263.	3.5	23
47	Synthesis of (Â±)-5â€²-methoxyhydnocarpin-D, an inhibitor of the Staphylococcus aureus multidrug resistance pump. Tetrahedron, 2005, 61, 4149-4156.	1.9	8
48	Synthetic peracetate tea polyphenols as potent proteasome inhibitors and apoptosis inducers in human cancer cells. Frontiers in Bioscience - Landmark, 2005, 10, 1010.	3.0	72
49	Pseudolaric Acid B, a Novel Microtubule-Destabilizing Agent That Circumvents Multidrug Resistance Phenotype and Exhibits Antitumor Activity In vivo. Clinical Cancer Research, 2005, 11, 6002-6011.	7.0	108
50	Gleditsia sinensis fruit extract induced growth inhibition involves basic fibroblast growth factor and nitric oxide. International Journal of Molecular Medicine, 2004, 13, 169.	4.0	7
51	Localization and activity of multidrug resistance protein 1 in the secretory pathway of Leishmania parasites. Molecular Microbiology, 2004, 51, 1563-1575.	2.5	28
52	A potential prodrug for a green tea polyphenol proteasome inhibitor: evaluation of the peracetate ester of (â^')-epigallocatechin gallate [(â^')-EGCG]. Bioorganic and Medicinal Chemistry, 2004, 12, 5587-5593.	3.0	130
53	Small Circular Oligodeoxynucleotides Achieved from Self-Assembling Entities. Angewandte Chemie, 2003, 115, 821-823.	2.0	1
54	Small Circular Oligodeoxynucleotides Achieved from Self-Assembling Entities. Angewandte Chemie - International Edition, 2003, 42, 797-799.	13.8	16

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55	Rapid reduction of pentavalent antimony by trypanothione: potential relevance to antimonial activationElectronic supplementary information (ESI) available: experimental details. See http://www.rsc.org/suppdata/cc/b2/b210240d/. Chemical Communications, 2003, , 266-267.	4.1	21
56	Anti-angiogenic potential of Gleditsia sinensis fruit extract. International Journal of Molecular Medicine, 2003, 12, 269.	4.0	7
57	Gleditsia sinensis fruit extract is a potential chemotherapeutic agent in chronic and acute myelogenous leukemia. Oncology Reports, 2003, 10, 1601.	2.6	12
58	Antiproliferative Activity of the Extract of <i>Gleditsia sinensis</i> Fruit on Human Solid Tumour Cell Lines. Chemotherapy, 2002, 48, 303-308.	1.6	35
59	Construction and characterization of a cDNA library from 4-week-old human embryo. Gene, 2001, 278, 141-147.	2.2	16
60	Establishment and characterization of a new xenograft-derived human esophageal squamous cell carcinoma cell line SLMT-1 of Chinese origin. Cancer Genetics and Cytogenetics, 2001, 124, 36-41.	1.0	49
61	Cloning and characterization of a novel KrÃ¼ppel-like zinc finger gene, ZNF268, expressed in early human embryo. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1518, 306-310.	2.4	24
62	PlasmodiumandLeishmania: The Role ofmdrGenes in Mediating Drug Resistance. Experimental Parasitology, 1998, 90, 135-141.	1.2	26
63	A homologous recombination strategy to analyze the vinblastine resistance property of the V-circle in Leishmania. Molecular and Biochemical Parasitology, 1994, 64, 75-86.	1.1	17
64	Cloning and functional analysis of an extrachromosomally amplified multidrug resistance-like gene in Leishmania enriettii. Molecular and Biochemical Parasitology, 1993, 60, 195-208.	1.1	84