Jin-Ching Lee

List of Publications by Year
in descending order

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69	1,975	218677	276875
papers	citations	26 h-index	41 g-index

69	69	69	3575
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Marine algal natural products with anti-oxidative, anti-inflammatory, and anti-cancer properties. Cancer Cell International, 2013, 13, 55.	4.1	225
2	Andrographolide exerts antiâ€hepatitis <scp>C</scp> virus activity by upâ€regulating haeme oxygenaseâ€1 via the p38 <scp>MAPK</scp>/<scp>N</scp>rf2 pathway in human hepatoma cells. British Journal of Pharmacology, 2014, 171, 237-252.	5.4	137
3	Human heme oxygenase 1 is a potential host cell factor against dengue virus replication. Scientific Reports, 2016, 6, 32176.	3.3	91
4	The antiproliferative effect of C2-ceramide on lung cancer cells through apoptosis by inhibiting Akt and NFÎºB. Cancer Cell International, 2014, 14, 1.	4.1	70
5	Green Tea Phenolic Epicatechins Inhibit Hepatitis C Virus Replication via Cycloxygenase-2 and Attenuate Virus-Induced Inflammation. PLoS ONE, 2013, 8, e54466.	2.5	60
6	Characterization of the activity of 2â€²-C-methylcytidine against dengue virus replication. Antiviral Research, 2015, 116, 1-9.	4.1	60
7	Lucidone Suppresses Hepatitis C Virus Replication by Nrf2-Mediated Heme Oxygenase-1 Induction. Antimicrobial Agents and Chemotherapy, 2013, 57, 1180-1191.	3.2	54
8	Anti-hepatitis C virus activity of Acacia confusa extract via suppressing cyclooxygenase-2. Antiviral Research, 2011, 89, 35-42.	4.1	47
9	Celastrol inhibits dengue virus replication via up-regulating type I interferon and downstream interferon-stimulated responses. Antiviral Research, 2017, 137, 49-57.	4.1	47
10	Apolipoprotein J, a glucose-upregulated molecular chaperone, stabilizes core and NS5A to promote infectious hepatitis C virus virion production. Journal of Hepatology, 2014, 61, 984-993.	3.7	46
11	A cell-based reporter assay for inhibitor screening of hepatitis C virus RNA-dependent RNA polymerase. Analytical Biochemistry, 2010, 403, 52-62.	2.4	40
12	Limonoids from the Seeds of Swietenia macrophylla with Inhibitory Activity against Dengue Virus 2. Journal of Natural Products, 2014, 77, 2367-2374.	3.0	40
13	Celastrol inhibits hepatitis C virus replication by upregulating heme oxygenase-1 via the JNK MAPK/Nrf2 pathway in human hepatoma cells. Antiviral Research, 2017, 146, 191-200.	4.1	40
14	Self-Assembly DNA Polyplex Vaccine inside Dissolving Microneedles for High-Potency Intradermal Vaccination. Theranostics, 2017, 7, 2593-2605.	10.0	39
15	Mitochondrial Lon sequesters and stabilizes p53 in the matrix to restrain apoptosis under oxidative stress via its chaperone activity. Cell Death and Disease, 2018, 9, 697.	6.3	39
16	Cyclooxygenaseâ€2 facilitates dengue virus replication and serves as a potential target for developing antiviral agents. Scientific Reports, 2017, 7, 44701.	3.3	38
17	Betulinic acid exerts antiâ€hepatitis <scp>C</scp> virus activity via the suppression of <scp>NF</scp>â€<scp>Bâ€</scp> and <scp>MAPK</scp>â€<scp>ERK</scp>1/2â€mediated <scp>COX</scp>â€2 expression. British Journal of Pharmacology, 2015, 172, 4481-4492.	5.4	37
18	Sulforaphane Suppresses Hepatitis C Virus Replication by Up-Regulating Heme Oxygenase-1 Expression through PI3K/Nrf2 Pathway. PLoS ONE, 2016, 11, e0152236.	2.5	35

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19	Development of a cell-based assay for monitoring specific hepatitis C virus NS3/4A protease activity in mammalian cells. Analytical Biochemistry, 2003, 316, 162-170.	2.4	34
20	Aqueous Extract of Gracilaria tenuistipitata Suppresses LPS-Induced NF-ÎºB and MAPK Activation in RAW 264.7 and Rat Peritoneal Macrophages and Exerts Hepatoprotective Effects on Carbon Tetrachloride-Treated Rat. PLoS ONE, 2014, 9, e86557.	2.5	34
21	New Meroterpenoids from Aspergillus terreus with Inhibition of Cyclooxygenase-2 Expression. Organic Letters, 2015, 17, 2330-2333.	4.6	33
22	A reporter-based assay for identifying hepatitis C virus inhibitors based on subgenomic replicon cells. Journal of Virological Methods, 2004, 116, 27-33.	2.1	32
23	Sanâ€Huangâ€Xieâ€Xinâ€Tang extract suppresses hepatitis C virus replication and virusâ€induced cyclooxygenaseâ€2 expression. Journal of Viral Hepatitis, 2011, 18, e315-24.	2.0	30
24	Aqueous Extract of the Edible Gracilaria tenuistipitata Inhibits Hepatitis C Viral Replication via Cyclooxygenase-2 Suppression and Reduces Virus-Induced Inflammation. PLoS ONE, 2013, 8, e57704.	2.5	30
25	Schisandrin A inhibits dengue viral replication via upregulating antiviral interferon responses through STAT signaling pathway. Scientific Reports, 2017, 7, 45171.	3.3	29
26	ICR suckling mouse model of Zika virus infection for disease modeling and drug validation. PLoS Neglected Tropical Diseases, 2018, 12, e0006848.	3.0	29
27	Inhibition of dengue virus replication by novel inhibitors of RNA-dependent RNA polymerase and protease activities. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 1091-1101.	5.2	28
28	MicroRNAâ€155 inhibits dengue virus replication by inducing heme oxygenaseâ€1â€mediated antiviral interferon responses. FASEB Journal, 2020, 34, 7283-7294.	0.5	28
29	Synthesis, antiproliferative and anti-dengue virus evaluations of 2-aroyl-3-arylquinoline derivatives. European Journal of Medicinal Chemistry, 2014, 79, 66-76.	5.5	27
30	HCV NS5A Up-Regulates COX-2 Expression via IL-8-Mediated Activation of the ERK/JNK MAPK Pathway. PLoS ONE, 2015, 10, e0133264.	2.5	26
31	New 1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides inhibit hepatitis C virus replication via suppression of cyclooxygenase-2. European Journal of Medicinal Chemistry, 2015, 90, 497-506.	5.5	25
32	A mammalian cell-based reverse two-hybrid system for functional analysis of 3C viral protease of human enterovirus 71. Analytical Biochemistry, 2008, 375, 115-123.	2.4	23
33	Development of NS3/4A Protease-Based Reporter Assay Suitable for Efficiently Assessing Hepatitis C Virus Infection. Antimicrobial Agents and Chemotherapy, 2009, 53, 4825-4834.	3.2	22
34	Ecdysones from Zoanthus spp. with inhibitory activity against dengue virus 2. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2344-2348.	2.2	22
35	Inhibition of hepatitis C virus NS5B polymerase by S-trityl-l-cysteine derivatives. European Journal of Medicinal Chemistry, 2012, 49, 191-199.	5.5	20
36	Avocado (Persea americana) fruit extract (2R,4R)-1,2,4-trihydroxyheptadec-16-yne inhibits dengue virus replication via upregulation of NF-ÎºBâ€“dependent induction of antiviral interferon responses. Scientific Reports, 2019, 9, 423.	3.3	20

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37	High-efficiency protein expression mediated by enterovirus 71 internal ribosome entry site. Biotechnology and Bioengineering, 2005, 90, 656-662.	3.3	19
38	Discovery of naphtho[1,2-d]oxazole derivatives as potential anti-HCV agents through inducing heme oxygenase-1 expression. European Journal of Medicinal Chemistry, 2018, 143, 970-982.	5.5	18
39	Bioactive Phenolic Components from the Twigs of Atalantia buxifolia. Journal of Natural Products, 2018, 81, 1534-1539.	3.0	18
40	Anti-Dengue Virus Constituents from Formosan Zoanthid Palythoa mutuki. Marine Drugs, 2016, 14, 151.	4.6	17
41	Lucidone suppresses dengue viral replication through the induction of heme oxygenase-1. Virulence, 2018, 9, 588-603.	4.4	17
42	Micro RNA â€let â€7c suppresses hepatitis C virus replication by targeting Bach1 for induction of haem oxygenase â€1 expression. Journal of Viral Hepatitis, 2019, 26, 655-665.	2.0	16
43	Discovery of new scaffolds for rational design of HCV NS5B polymerase inhibitors. European Journal of Medicinal Chemistry, 2012, 58, 258-264.	5.5	15
44	Grape Seed Extract Attenuates Hepatitis C Virus Replication and Virus-Induced Inflammation. Frontiers in Pharmacology, 2016, 7, 490.	3.5	15
45	Synthesis and anti-HCV activity evaluation of anilinoquinoline derivatives. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 1107-1110.	2.2	14
46	Discovery of Zika Virus NS2B/NS3 Inhibitors That Prevent Mice from Life-Threatening Infection and Brain Damage. ACS Medicinal Chemistry Letters, 2020, 11, 1869-1874.	2.8	14
47	Mutations at KFRDI and VGK Domains of Enterovirus 71 3C Protease Affect Its RNA Binding and Proteolytic Activities. Journal of Biomedical Science, 2004, 11, 239-248.	7.0	14
48	High-Throughput Cell-Based Screening for Hepatitis C Virus NS3/4A Protease Inhibitors. Assay and Drug Development Technologies, 2005, 3, 385-392.	1.2	13
49	Discovery of novel diarylpyrazolylquinoline derivatives as potent anti-dengue virus agents. European Journal of Medicinal Chemistry, 2017, 141, 282-292.	5.5	13
50	Novel anilinocoumarin derivatives as agents against hepatitis C virus by the induction of IFN-mediated antiviral responses. Organic and Biomolecular Chemistry, 2013, 11, 1858.	2.8	12
51	Butyrolactones and Diketopiperazines from Marine Microbes: Inhibition Effects on Dengue Virus Type 2 Replication. Planta Medica, 2017, 83, 158-163.	1.3	12
52	Lipoprotein lipase liberates free fatty acids to inhibit HCV infection and prevent hepatic lipid accumulation. Cellular Microbiology, 2017, 19, e12673.	2.1	12
53	Elevated serum ferritin level associated with hepatic steatosis and fibrosis in hepatitis C virusâ€“infected patients. Journal of the Chinese Medical Association, 2019, 82, 99-104.	1.4	12
54	The effect of antiviral therapy on serum lipid profiles in chronic hepatitis C. Oncotarget, 2018, 9, 21313-21321.	1.8	10

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55	Discovery of 4-Anilinoquinolinylchalcone Derivatives as Potential NRF2 Activators. Molecules, 2020, 25, 3133.	3.8	10
56	EfficientIn SilicoAssay of Inhibitors of Hepatitis C Virus RNA-Dependent RNA Polymerase by Structure-Based Virtual Screening andIn VitroEvaluation. Assay and Drug Development Technologies, 2011, 9, 290-298.	1.2	8
57	Lobohedleolide suppresses hepatitis C virus replication via JNK/c-Jun-C/EBP-mediated down-regulation of cyclooxygenase-2 expression. Scientific Reports, 2018, 8, 8676.	3.3	7
58	Viral dynamics of persistent hepatitis C virus infection in high-sensitive reporter cells resemble patient's viremia. Journal of Microbiology, Immunology and Infection, 2018, 51, 446-455.	3.1	6
59	Association between cryoglobulinemia and liver fibrosis in chronic hepatitis C patients. Journal of Gastroenterology and Hepatology (Australia), 2018, 33, 1897-1903.	2.8	6
60	Liraglutide Inhibits Hepatitis C Virus Replication Through an AMP Activated Protein Kinase Dependent Mechanism. International Journal of Molecular Sciences, 2019, 20, 4569.	4.1	6
61	(E)-Guggulsterone Inhibits Dengue Virus Replication by Upregulating Antiviral Interferon Responses through the Induction of Heme Oxygenase-1 Expression. Viruses, 2021, 13, 712.	3.3	6
62	Anti-hepatitis C virus RdRp activity and replication of novel anilinobenzothiazole derivatives. Antiviral Research, 2013, 100, 269-275.	4.1	5
63	Elevated interleukin-4 levels predicted advanced fibrosis in chronic hepatitis C. Journal of the Chinese Medical Association, 2019, 82, 277-281.	1.4	5
64	An in vitro coupled transcription/translation reporter system for hepatitis C virus RNA-dependent RNA polymerase. Analytical Biochemistry, 2011, 418, 50-57.	2.4	4
65	Production of a neutralizing antibody against envelope protein of dengue virus type 2 using the linear array epitope technique. Journal of General Virology, 2014, 95, 2155-2165.	2.9	4
66	Prostasin Impairs Epithelial Growth Factor Receptor Activation to Suppress Dengue Virus Propagation. Journal of Infectious Diseases, 2019, 219, 1377-1388.	4.0	4
67	Heme oxygenaseâ€1 inhibits DENVâ€induced endothelial hyperpermeability and serves as a potential target against dengue hemorrhagic fever. FASEB Journal, 2022, 36, e22110.	0.5	4
68	Persistent cryoglobulinemia after antiviral treatment is associated with advanced fibrosis in chronic hepatitis C patients. PLoS ONE, 2022, 17, e0268180.	2.5	2
69	Discovery of 3-Amino-2-Hydroxypropoxyisoflavone Derivatives as Potential Anti-HCV Agents. Molecules, 2018, 23, 2863.	3.8	0