

# Jin-Ching Lee

## List of Publications by Year in descending order

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69  
papers

1,975  
citations

218677

26  
h-index

276875

41  
g-index

69  
all docs

69  
docs citations

69  
times ranked

3575  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heme oxygenase-1 inhibits DENV-induced endothelial hyperpermeability and serves as a potential target against dengue hemorrhagic fever. <i>FASEB Journal</i> , 2022, 36, e22110.	0.5	4
2	Persistent cryoglobulinemia after antiviral treatment is associated with advanced fibrosis in chronic hepatitis C patients. <i>PLoS ONE</i> , 2022, 17, e0268180.	2.5	2
3	(E)-Guggulsterone Inhibits Dengue Virus Replication by Upregulating Antiviral Interferon Responses through the Induction of Heme Oxygenase-1 Expression. <i>Viruses</i> , 2021, 13, 712.	3.3	6
4	Discovery of 4-Anilinoquinolinylchalcone Derivatives as Potential NRF2 Activators. <i>Molecules</i> , 2020, 25, 3133.	3.8	10
5	Discovery of Zika Virus NS2B/NS3 Inhibitors That Prevent Mice from Life-Threatening Infection and Brain Damage. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1869-1874.	2.8	14
6	MicroRNA-155 inhibits dengue virus replication by inducing heme oxygenase-1-mediated antiviral interferon responses. <i>FASEB Journal</i> , 2020, 34, 7283-7294.	0.5	28
7	Liraglutide Inhibits Hepatitis C Virus Replication Through an AMP Activated Protein Kinase Dependent Mechanism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4569.	4.1	6
8	Avocado ( <i>Persea americana</i> ) fruit extract (2R,4R)-1,2,4-trihydroxyheptadec-16-yne inhibits dengue virus replication via upregulation of NF- $\kappa$ B-dependent induction of antiviral interferon responses. <i>Scientific Reports</i> , 2019, 9, 423.	3.3	20
9	Elevated interleukin-4 levels predicted advanced fibrosis in chronic hepatitis C. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 277-281.	1.4	5
10	Elevated serum ferritin level associated with hepatic steatosis and fibrosis in hepatitis C virus-infected patients. <i>Journal of the Chinese Medical Association</i> , 2019, 82, 99-104.	1.4	12
11	Prostasin Impairs Epithelial Growth Factor Receptor Activation to Suppress Dengue Virus Propagation. <i>Journal of Infectious Diseases</i> , 2019, 219, 1377-1388.	4.0	4
12	Micro RNA-147c suppresses hepatitis C virus replication by targeting Bach1 for induction of haem oxygenase-1 expression. <i>Journal of Viral Hepatitis</i> , 2019, 26, 655-665.	2.0	16
13	Lucidone suppresses dengue viral replication through the induction of heme oxygenase-1. <i>Virulence</i> , 2018, 9, 588-603.	4.4	17
14	Viral dynamics of persistent hepatitis C virus infection in high-sensitive reporter cells resemble patient's viremia. <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 446-455.	3.1	6
15	Discovery of naphtho[1,2-d]oxazole derivatives as potential anti-HCV agents through inducing heme oxygenase-1 expression. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 970-982.	5.5	18
16	Discovery of 3-Amino-2-Hydroxypropoxyisoflavone Derivatives as Potential Anti-HCV Agents. <i>Molecules</i> , 2018, 23, 2863.	3.8	0
17	The effect of antiviral therapy on serum lipid profiles in chronic hepatitis C. <i>Oncotarget</i> , 2018, 9, 21313-21321.	1.8	10
18	ICR suckling mouse model of Zika virus infection for disease modeling and drug validation. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006848.	3.0	29

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19	Bioactive Phenolic Components from the Twigs of <i>Atalantia buxifolia</i> . <i>Journal of Natural Products</i> , 2018, 81, 1534-1539.	3.0	18
20	Lobohedleolide suppresses hepatitis C virus replication via JNK/c-Jun-C/EBP-mediated down-regulation of cyclooxygenase-2 expression. <i>Scientific Reports</i> , 2018, 8, 8676.	3.3	7
21	Association between cryoglobulinemia and liver fibrosis in chronic hepatitis C patients. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2018, 33, 1897-1903.	2.8	6
22	Mitochondrial Lon sequesters and stabilizes p53 in the matrix to restrain apoptosis under oxidative stress via its chaperone activity. <i>Cell Death and Disease</i> , 2018, 9, 697.	6.3	39
23	Schisandrin A inhibits dengue viral replication via upregulating antiviral interferon responses through STAT signaling pathway. <i>Scientific Reports</i> , 2017, 7, 45171.	3.3	29
24	Cyclooxygenase-2 facilitates dengue virus replication and serves as a potential target for developing antiviral agents. <i>Scientific Reports</i> , 2017, 7, 44701.	3.3	38
25	Discovery of novel diarylpyrazolylquinoline derivatives as potent anti-dengue virus agents. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 282-292.	5.5	13
26	Celastrol inhibits hepatitis C virus replication by upregulating heme oxygenase-1 via the JNK MAPK/Nrf2 pathway in human hepatoma cells. <i>Antiviral Research</i> , 2017, 146, 191-200.	4.1	40
27	Inhibition of dengue virus replication by novel inhibitors of RNA-dependent RNA polymerase and protease activities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 1091-1101.	5.2	28
28	Celastrol inhibits dengue virus replication via up-regulating type I interferon and downstream interferon-stimulated responses. <i>Antiviral Research</i> , 2017, 137, 49-57.	4.1	47
29	Butyrolactones and Diketopiperazines from Marine Microbes: Inhibition Effects on Dengue Virus Type 2 Replication. <i>Planta Medica</i> , 2017, 83, 158-163.	1.3	12
30	Lipoprotein lipase liberates free fatty acids to inhibit HCV infection and prevent hepatic lipid accumulation. <i>Cellular Microbiology</i> , 2017, 19, e12673.	2.1	12
31	Self-Assembly DNA Polyplex Vaccine inside Dissolving Microneedles for High-Potency Intradermal Vaccination. <i>Theranostics</i> , 2017, 7, 2593-2605.	10.0	39
32	Grape Seed Extract Attenuates Hepatitis C Virus Replication and Virus-Induced Inflammation. <i>Frontiers in Pharmacology</i> , 2016, 7, 490.	3.5	15
33	Anti-Dengue Virus Constituents from Formosan Zoanthid <i>Palythoa mutuki</i> . <i>Marine Drugs</i> , 2016, 14, 151.	4.6	17
34	Sulforaphane Suppresses Hepatitis C Virus Replication by Up-Regulating Heme Oxygenase-1 Expression through PI3K/Nrf2 Pathway. <i>PLoS ONE</i> , 2016, 11, e0152236.	2.5	35
35	Human heme oxygenase 1 is a potential host cell factor against dengue virus replication. <i>Scientific Reports</i> , 2016, 6, 32176.	3.3	91
36	Ecdysones from <i>Zoanthus</i> spp. with inhibitory activity against dengue virus 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2344-2348.	2.2	22

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37	Betulinic acid exerts anti-hepatitis C virus activity via the suppression of NF- $\kappa$ B and MAPK/ERK1/2-mediated COX-2 expression. <i>British Journal of Pharmacology</i> , 2015, 172, 4481-4492.	3.4	37
38	Characterization of the activity of 2 $\epsilon$ -C-methylcytidine against dengue virus replication. <i>Antiviral Research</i> , 2015, 116, 1-9.	4.1	60
39	New Meroterpenoids from <i>Aspergillus terreus</i> with Inhibition of Cyclooxygenase-2 Expression. <i>Organic Letters</i> , 2015, 17, 2330-2333.	4.6	33
40	New 1-phenyl-5-(1H-pyrrol-1-yl)-1H-pyrazole-3-carboxamides inhibit hepatitis C virus replication via suppression of cyclooxygenase-2. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 497-506.	5.5	25
41	HCV NS5A Up-Regulates COX-2 Expression via IL-8-Mediated Activation of the ERK/JNK MAPK Pathway. <i>PLoS ONE</i> , 2015, 10, e0133264.	2.5	26
42	Aqueous Extract of <i>Gracilaria tenuistipitata</i> Suppresses LPS-Induced NF- $\kappa$ B and MAPK Activation in RAW 264.7 and Rat Peritoneal Macrophages and Exerts Hepatoprotective Effects on Carbon Tetrachloride-Treated Rat. <i>PLoS ONE</i> , 2014, 9, e86557.	2.5	34
43	The antiproliferative effect of C2-ceramide on lung cancer cells through apoptosis by inhibiting Akt and NF- $\kappa$ B. <i>Cancer Cell International</i> , 2014, 14, 1.	4.1	70
44	Synthesis, antiproliferative and anti-dengue virus evaluations of 2-aryl-3-arylquinoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 66-76.	5.5	27
45	Andrographolide exerts anti-hepatitis C virus activity by up-regulating haeme oxygenase-1 via the p38 MAPK/Nrf2 pathway in human hepatoma cells. <i>British Journal of Pharmacology</i> , 2014, 171, 237-252.	5.4	137
46	Limonoids from the Seeds of <i>Swietenia macrophylla</i> with Inhibitory Activity against Dengue Virus 2. <i>Journal of Natural Products</i> , 2014, 77, 2367-2374.	3.0	40
47	Production of a neutralizing antibody against envelope protein of dengue virus type 2 using the linear array epitope technique. <i>Journal of General Virology</i> , 2014, 95, 2155-2165.	2.9	4
48	Apolipoprotein J, a glucose-upregulated molecular chaperone, stabilizes core and NS5A to promote infectious hepatitis C virus virion production. <i>Journal of Hepatology</i> , 2014, 61, 984-993.	3.7	46
49	Marine algal natural products with anti-oxidative, anti-inflammatory, and anti-cancer properties. <i>Cancer Cell International</i> , 2013, 13, 55.	4.1	225
50	Anti-hepatitis C virus RdRp activity and replication of novel anilinobenzothiazole derivatives. <i>Antiviral Research</i> , 2013, 100, 269-275.	4.1	5
51	Novel anilinocoumarin derivatives as agents against hepatitis C virus by the induction of IFN-mediated antiviral responses. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1858.	2.8	12
52	Lucidone Suppresses Hepatitis C Virus Replication by Nrf2-Mediated Heme Oxygenase-1 Induction. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1180-1191.	3.2	54
53	Green Tea Phenolic Epicatechins Inhibit Hepatitis C Virus Replication via Cyclooxygenase-2 and Attenuate Virus-Induced Inflammation. <i>PLoS ONE</i> , 2013, 8, e54466.	2.5	60
54	Aqueous Extract of the Edible <i>Gracilaria tenuistipitata</i> Inhibits Hepatitis C Viral Replication via Cyclooxygenase-2 Suppression and Reduces Virus-Induced Inflammation. <i>PLoS ONE</i> , 2013, 8, e57704.	2.5	30

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55	Discovery of new scaffolds for rational design of HCV NS5B polymerase inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 258-264.	5.5	15
56	Inhibition of hepatitis C virus NS5B polymerase by S-trityl-L-cysteine derivatives. <i>European Journal of Medicinal Chemistry</i> , 2012, 49, 191-199.	5.5	20
57	Synthesis and anti-HCV activity evaluation of anilinoquinoline derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1107-1110.	2.2	14
58	Sanâ€Huangâ€Xieâ€Xinâ€Tang extract suppresses hepatitis C virus replication and virusâ€induced cyclooxygenaseâ€2 expression. <i>Journal of Viral Hepatitis</i> , 2011, 18, e315-24.	2.0	30
59	Anti-hepatitis C virus activity of <i>Acacia confusa</i> extract via suppressing cyclooxygenase-2. <i>Antiviral Research</i> , 2011, 89, 35-42.	4.1	47
60	An in vitro coupled transcription/translation reporter system for hepatitis C virus RNA-dependent RNA polymerase. <i>Analytical Biochemistry</i> , 2011, 418, 50-57.	2.4	4
61	Efficient In Silico Assay of Inhibitors of Hepatitis C Virus RNA-Dependent RNA Polymerase by Structure-Based Virtual Screening and In Vitro Evaluation. <i>Assay and Drug Development Technologies</i> , 2011, 9, 290-298.	1.2	8
62	A cell-based reporter assay for inhibitor screening of hepatitis C virus RNA-dependent RNA polymerase. <i>Analytical Biochemistry</i> , 2010, 403, 52-62.	2.4	40
63	Development of NS3/4A Protease-Based Reporter Assay Suitable for Efficiently Assessing Hepatitis C Virus Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4825-4834.	3.2	22
64	A mammalian cell-based reverse two-hybrid system for functional analysis of 3C viral protease of human enterovirus 71. <i>Analytical Biochemistry</i> , 2008, 375, 115-123.	2.4	23
65	High-efficiency protein expression mediated by enterovirus 71 internal ribosome entry site. <i>Biotechnology and Bioengineering</i> , 2005, 90, 656-662.	3.3	19
66	High-Throughput Cell-Based Screening for Hepatitis C Virus NS3/4A Protease Inhibitors. <i>Assay and Drug Development Technologies</i> , 2005, 3, 385-392.	1.2	13
67	A reporter-based assay for identifying hepatitis C virus inhibitors based on subgenomic replicon cells. <i>Journal of Virological Methods</i> , 2004, 116, 27-33.	2.1	32
68	Mutations at KFRDI and V GK Domains of Enterovirus 71 3C Protease Affect Its RNA Binding and Proteolytic Activities. <i>Journal of Biomedical Science</i> , 2004, 11, 239-248.	7.0	14
69	Development of a cell-based assay for monitoring specific hepatitis C virus NS3/4A protease activity in mammalian cells. <i>Analytical Biochemistry</i> , 2003, 316, 162-170.	2.4	34