

# Li Huang

## List of Publications by Year in descending order

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64  
papers

2,214  
citations

147726

31  
h-index

233338

45  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-AIDS Agents 69. Moronic Acid and Other Triterpene Derivatives as Novel Potent Anti-HIV Agents. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5462-5469.	2.9	113
2	Anti-AIDS Agents. 15. Synthesis and Anti-HIV Activity of Dihydroseselins and Related Analogs. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 3947-3955.	2.9	104
3	Proteasome Regulators: Activators and Inhibitors. <i>Current Medicinal Chemistry</i> , 2009, 16, 931-939.	1.2	96
4	Activation and inhibition of the proteasome by betulinic acid and its derivatives. <i>FEBS Letters</i> , 2007, 581, 4955-4959.	1.3	87
5	Suksdorfins: an anti-HIV principle from <i>Lomatium suksdorfii</i> , its structure-activity correlation with related coumarins, and synergistic effects with anti-AIDS nucleosides. <i>Bioorganic and Medicinal Chemistry</i> , 1994, 2, 1051-1056.	1.4	80
6	Inhibition of HIV-1 Maturation via Drug Association with the Viral Gag Protein in Immature HIV-1 Particles. <i>Journal of Biological Chemistry</i> , 2005, 280, 42149-42155.	1.6	77
7	Synthesis and anti-HIV activity of bi-functional betulinic acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 2279-2289.	1.4	76
8	Anti-AIDS Agents. 78. Design, Synthesis, Metabolic Stability Assessment, and Antiviral Evaluation of Novel Betulinic Acid Derivatives as Potent Anti-Human Immunodeficiency Virus (HIV) Agents. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3248-3258.	2.9	72
9	Illuminating NAD <sup>+</sup> Metabolism in Live Cells and In Vivo Using a Genetically Encoded Fluorescent Sensor. <i>Developmental Cell</i> , 2020, 53, 240-252.e7.	3.1	71
10	New Betulinic Acid Derivatives for Bevirimat-Resistant Human Immunodeficiency Virus Type-1. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 2029-2037.	2.9	69
11	Mechanism of action and resistant profile of anti-HIV-1 coumarin derivatives. <i>Virology</i> , 2005, 332, 623-628.	1.1	66
12	Aloperine and Its Derivatives as a New Class of HIV-1 Entry Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 240-244.	1.3	61
13	Anti-AIDS Agents 81. Design, Synthesis, and Structure-Activity Relationship Study of Betulinic Acid and Moronic Acid Derivatives as Potent HIV Maturation Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3133-3141.	2.9	59
14	Anti-AIDS agents 79. Design, synthesis, molecular modeling and structure-activity relationships of novel dicamphanoyl-2,2-dimethyldihydropyranochromone (DCP) analogs as potent anti-HIV agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6678-6689.	1.4	54
15	Anti-AIDS Agents 90. Novel C-28 Modified Bevirimat Analogues as Potent HIV Maturation Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8128-8136.	2.9	54
16	Identification and Synthesis of Quinolizidines with Anti-Influenza A Virus Activity. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 942-946.	1.3	50
17	Betulinic Acid Derivatives as Human Immunodeficiency Virus Type 2 (HIV-2) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7887-7891.	2.9	49
18	Bifunctional Anti-Human Immunodeficiency Virus Type 1 Small Molecules with Two Novel Mechanisms of Action. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 663-665.	1.4	47

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19	Design, Synthesis, and Preclinical Evaluations of Novel 4-Substituted 1,5-Diarylanilines as Potent HIV-1 Non-Nucleoside Reverse Transcriptase Inhibitor (NNRTI) Drug Candidates. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7219-7229.	2.9	47
20	Diarylaniline Derivatives as a Distinct Class of HIV-1 Non-nucleoside Reverse Transcriptase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4906-4916.	2.9	42
21	New Compounds with DNA Strand-Scission Activity from the Combined Leaf and Stem of <i>Uvaria hamiltonii</i> . <i>Journal of Natural Products</i> , 1998, 61, 446-450.	1.5	40
22	Betulinic Acid Derivatives That Target gp120 and Inhibit Multiple Genetic Subtypes of Human Immunodeficiency Virus Type 1. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 128-136.	1.4	39
23	New betulinic acid derivatives as potent proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5944-5947.	1.0	38
24	3- $\alpha$ ,4- $\beta$ -Di-o-( $\alpha^{\sim}$ )-camphanoyl-(+)-ciskhellactone and related compounds: A. new class of potent anti-HIV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1994, 4, 593-598.	1.0	37
25	Identification, structural modification, and dichotomous effects on human immunodeficiency virus type 1 (HIV-1) replication of ingenane esters from <i>Euphorbia kansui</i> . <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 618-627.	2.6	36
26	Molecular Targets of Anti-HIV-1 Triterpenes. <i>Current Drug Targets Infectious Disorders</i> , 2002, 2, 33-36.	2.1	35
27	Gnidimacrin, a Potent Anti-HIV Diterpene, Can Eliminate Latent HIV-1 Ex Vivo by Activation of Protein Kinase C $\beta$ . <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8638-8646.	2.9	35
28	Design and synthesis of naphthoquinone derivatives as antiproliferative agents and 20S proteasome inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2772-2774.	1.0	34
29	Picomolar Dichotomous Activity of Gnidimacrin Against HIV-1. <i>PLoS ONE</i> , 2011, 6, e26677.	1.1	33
30	Synthesis of betulinic acid derivatives as entry inhibitors against HIV-1 and bevirimat-resistant HIV-1 variants. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5190-5194.	1.0	33
31	Synthesis and proteasome inhibition of glycyrrhetic acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6696-6701.	1.4	32
32	Fluorinated betulinic acid derivatives and evaluation of their anti-HIV activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 68-71.	1.0	32
33	Novel HIV-1 Non-nucleoside Reverse Transcriptase Inhibitor Agents: Optimization of Diarylanilines with High Potency against Wild-Type and Rilpivirine-Resistant E138K Mutant Virus. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 3689-3704.	2.9	31
34	Elimination of HIV-1 Latently Infected Cells by Gnidimacrin and a Selective HDAC Inhibitor. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 268-273.	1.3	23
35	Anti-AIDS agents 85. Design, synthesis, and evaluation of 1R,2R-dicamphanoyl-3,3-dimethyl-dihydropyrano-[2,3-c]xanthen-7(1H)-one (DCX) derivatives as novel anti-HIV agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 86-96.	2.6	20
36	Conformation of gp120 determines the sensitivity of HIV-1 DH012 to the entry inhibitor IC9564. <i>Virology</i> , 2004, 324, 525-530.	1.1	19

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37	Phenolic Diterpenoid Derivatives as Anti-Influenza A Virus Agents. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 355-358.	1.3	19
38	Monitoring cellular redox state under hypoxia using a fluorescent sensor based on eel fluorescent protein. <i>Free Radical Biology and Medicine</i> , 2018, 120, 255-265.	1.3	19
39	Structure of a Tethered Cationic 3-Aminopropyl Chain Incorporated into an Oligodeoxynucleotide: Evidence for 3'-Orientation in the Major Groove Accompanied by DNA Bending. <i>Journal of the American Chemical Society</i> , 2002, 124, 8553-8560.	6.6	18
40	Electrostatically mediated layer-by-layer assembly of nitrogen-doped graphene/PDDA/gold nanoparticle composites for electrochemical detection of uric acid. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 669-680.	1.9	18
41	Optimization of 2,4-diarylanilines as non-nucleoside HIV-1 reverse transcriptase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 2376-2379.	1.0	17
42	Synthesis and Structure-Activity Relationship Correlations of Gnidimacrin Derivatives as Potent HIV-1 Inhibitors and HIV Latency Reversing Agents. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6958-6971.	2.9	17
43	Anti-HIV Tigliane Diterpenoids from <i>Wikstroemia scytophylla</i> . <i>Journal of Natural Products</i> , 2020, 83, 3584-3590.	1.5	17
44	Structure Optimization of Aloperine Derivatives as HIV-1 Entry Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 1199-1203.	1.3	16
45	Isolation, Structural Elucidation, and Anti-HIV Activity of Daphnane Diterpenoids from <i>Daphne odora</i> . <i>Journal of Natural Products</i> , 2020, 83, 3270-3277.	1.5	16
46	New hexahydroxydiphenyl derivatives as potent inhibitors of HIV replication in H9 lymphocytes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 235-238.	1.0	15
47	Synthesis and Anti-HIV Activity of Bi-Functional Triterpene Derivatives. <i>Letters in Drug Design and Discovery</i> , 2007, 4, 471-478.	0.4	15
48	Induction of a Nonproductive Conformational Change in gp120 by a Small Molecule HIV Type 1 Entry Inhibitor. <i>AIDS Research and Human Retroviruses</i> , 2007, 23, 28-32.	0.5	14
49	Synthesis and proteasome inhibition of lithocholic acid derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1926-1928.	1.0	14
50	Potential Drug Targets on the HIV-1 Envelope Glycoproteins, gp120 and gp41. <i>Current Pharmaceutical Design</i> , 2003, 9, 1453-1462.	0.9	13
51	Optimization of the Antiviral Potency and Lipophilicity of Halogenated 2,6-Diarylpyridinamines as a Novel Class of HIV-1 NNRTIS. <i>ChemMedChem</i> , 2014, 9, 1546-1555.	1.6	12
52	Synthesis of Lithocholic Acid Derivatives as Proteasome Regulators. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 925-930.	1.3	10
53	Two Small Molecules Block Oral Epithelial Cell Invasion by <i>Porphyromons gingivalis</i> . <i>PLoS ONE</i> , 2016, 11, e0149618.	1.1	10
54	LC-MS Identification, Isolation, and Structural Elucidation of Anti-HIV Tigliane Diterpenoids from <i>Wikstroemia lamatsoensis</i> . <i>Journal of Natural Products</i> , 2021, 84, 2366-2373.	1.5	10

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55	Identification of anti-HIV macrocyclic daphnane orthoesters from <i>Wikstroemia ligustrina</i> by LC-MS analysis and phytochemical investigation. <i>Journal of Natural Medicines</i> , 2021, 75, 1058-1066.	1.1	9
56	Discovery of novel 5-fluoro-N2,N4-diphenylpyrimidine-2,4-diamines as potent inhibitors against CDK2 and CDK9. <i>MedChemComm</i> , 2015, 6, 444-454.	3.5	8
57	Discovery and synthesis of novel beesioside I derivatives with potent anti-HIV activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 166, 159-166.	2.6	8
58	Discovery of novel non-covalent inhibitors selective to the $\beta$ 5-subunit of the human 20S proteasome. <i>European Journal of Medicinal Chemistry</i> , 2015, 98, 61-68.	2.6	7
59	The Role of Dynamin in HIV Type 1 Env-Mediated Cell-Cell Fusion. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 1013-1017.	0.5	6
60	The Molecular Targets of Anti-HIV-1 Triterpenes, An Update. <i>Medicinal Chemistry Reviews Online</i> , 2005, 2, 423-427.	0.1	4
61	Design and Synthesis of Quinolizidine Derivatives as Influenza Virus and HIV-1 Inhibitors. <i>Current Medicinal Chemistry</i> , 2021, 28, 4995-5003.	1.2	4
62	Anti-HIV Tigliane-Type Diterpenoids from the Aerial Parts of <i>Wikstroemia lichiangensis</i> . <i>Journal of Natural Products</i> , 2022, 85, 1658-1664.	1.5	4
63	Drug-like property-driven optimization of 4-substituted 1,5-diarylanilines as potent HIV-1 non-nucleoside reverse transcriptase inhibitors against rilpivirine-resistant mutant virus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2788-2792.	1.0	2
64	Inhibitory Effect of b-AP15 on the 20S Proteasome. <i>Biomolecules</i> , 2014, 4, 931-939.	1.8	1