

Wenwei Lin

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,398
citations

331670

21
h-index

345221

36
g-index

57
all docs

57
docs citations

57
times ranked

2172
citing authors

#	ARTICLE	IF	CITATIONS
1	SJPYT-195: A Designed Nuclear Receptor Degradator That Functions as a Molecular Glue Degradator of GSPT1. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 1311-1320.	2.8	12
2	Mutation of a single amino acid of pregnane X receptor switches an antagonist to agonist by altering AF-2 helix positioning. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 317-335.	5.4	21
3	Building a Chemical Toolbox for Human Pregnane X Receptor Research: Discovery of Agonists, Inverse Agonists, and Antagonists Among Analogs Based on the Unique Chemical Scaffold of SPA70. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1733-1761.	6.4	15
4	General Stepwise Approach to Optimize a TR-FRET Assay for Characterizing the BRD/PROTAC/CRBN Ternary Complex. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 941-952.	4.9	11
5	Identification of small molecules that mitigate vincristine-induced neurotoxicity while sensitizing leukemia cells to vincristine. <i>Clinical and Translational Science</i> , 2021, 14, 1490-1504.	3.1	12
6	A protocol for high-throughput screening of histone lysine demethylase 4 inhibitors using TR-FRET assay. <i>STAR Protocols</i> , 2021, 2, 100702.	1.2	1
7	Biological evaluation and synthesis of calcitroic acid. <i>Bioorganic Chemistry</i> , 2021, 116, 105310.	4.1	5
8	17-DMAG dually inhibits Hsp90 and histone lysine demethylases in alveolar rhabdomyosarcoma. <i>IScience</i> , 2021, 24, 101996.	4.1	7
9	Development of BODIPY FL VH032 as a High-Affinity and Selective von Hippel-Lindau E3 Ligase Fluorescent Probe and Its Application in a Time-Resolved Fluorescence Resonance Energy-Transfer Assay. <i>ACS Omega</i> , 2021, 6, 680-695.	3.5	9
10	Development of BODIPY FL Thalidomide As a High-Affinity Fluorescent Probe for Cereblon in a Time-Resolved Fluorescence Resonance Energy Transfer Assay. <i>Bioconjugate Chemistry</i> , 2020, 31, 2564-2575.	3.6	8
11	Structural basis for substrate recognition and chemical inhibition of oncogenic MAGE ubiquitin ligases. <i>Nature Communications</i> , 2020, 11, 4931.	12.8	17
12	CITCO Directly Binds to and Activates Human Pregnane X Receptor. <i>Molecular Pharmacology</i> , 2020, 97, 180-190.	2.3	24
13	Drug discovery technologies to identify and characterize modulators of the pregnane X receptor and the constitutive androstane receptor. <i>Drug Discovery Today</i> , 2019, 24, 906-915.	6.4	17
14	Developing Inhibitors that Exploit ABCG2 and Cancer Dependencies to Improve Therapeutic Outcome. <i>FASEB Journal</i> , 2019, 33, .	0.5	0
15	Identification of Toll-like receptor signaling inhibitors based on selective activation of hierarchically acting signaling proteins. <i>Science Signaling</i> , 2018, 11, .	3.6	17
16	Using TR-FRET to Investigate Protein-Protein Interactions: A Case Study of PXR-Coregulator Interaction. <i>Advances in Protein Chemistry and Structural Biology</i> , 2018, 110, 31-63.	2.3	17
17	Alteration of RNA Splicing by Small-Molecule Inhibitors of the Interaction between NHP2L1 and U4. <i>SLAS Discovery</i> , 2018, 23, 164-173.	2.7	14
18	Exploiting ABCG2 Inhibition to Improve Cancer Therapy. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, OR34-4.	0.0	0

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19	Is Inhibitor Binding the Sole Requirement in Determining Inhibition of ABCG2 Mediated Transport?. <i>FASEB Journal</i> , 2018, 32, 693.9.	0.5	0
20	Glucose-dependent regulation of pregnane X receptor is modulated by AMP-activated protein kinase. <i>Scientific Reports</i> , 2017, 7, 46751.	3.3	18
21	SPA70 is a potent antagonist of human pregnane X receptor. <i>Nature Communications</i> , 2017, 8, 741.	12.8	82
22	Ventromorphins: A New Class of Small Molecule Activators of the Canonical BMP Signaling Pathway. <i>ACS Chemical Biology</i> , 2017, 12, 2436-2447.	3.4	20
23	An unexpected protein interaction promotes drug resistance in leukemia. <i>Nature Communications</i> , 2017, 8, 1547.	12.8	19
24	High-Throughput Screening Identifies 1,4,5-Substituted 1,2,3-Triazole Analogs as Potent and Specific Antagonists of Pregnane X Receptor. <i>Assay and Drug Development Technologies</i> , 2017, 15, 383-394.	1.2	9
25	Targeting Histone Demethylases in MYC-Driven Neuroblastomas with Ciclopirox. <i>Cancer Research</i> , 2017, 77, 4626-4638.	0.9	42
26	Oncogenic role and therapeutic targeting of ABL-class and JAK-STAT activating kinase alterations in Ph-like ALL. <i>Blood Advances</i> , 2017, 1, 1657-1671.	5.2	76
27	A phosphotyrosine switch regulates organic cation transporters. <i>Nature Communications</i> , 2016, 7, 10880.	12.8	100
28	Identification and Characterization of CINPA1 Metabolites Facilitates Structure-Activity Studies of the Constitutive Androstane Receptor. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1759-1770.	3.3	8
29	Development of CINPA1 analogs as novel and potent inverse agonists of constitutive androstane receptor. <i>European Journal of Medicinal Chemistry</i> , 2016, 108, 505-528.	5.5	16
30	PI3K and MEK Inhibition in Hypodiploid Acute Lymphoblastic Leukemia. <i>Blood</i> , 2016, 128, 1635-1635.	1.4	0
31	PRL-3 Mediates the Protein Maturation of ULBP2 by Regulating the Tyrosine Phosphorylation of HSP60. <i>Journal of Immunology</i> , 2015, 194, 2930-2941.	0.8	17
32	CINPA1 Is an Inhibitor of Constitutive Androstane Receptor That Does Not Activate Pregnane X Receptor. <i>Molecular Pharmacology</i> , 2015, 87, 878-889.	2.3	41
33	A High-Throughput Screen Reveals New Small-Molecule Activators and Inhibitors of Pantothenate Kinases. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 1563-1568.	6.4	28
34	Serine 350 of human pregnane X receptor is crucial for its heterodimerization with retinoid X receptor alpha and transactivation of target genes in vitro and in vivo. <i>Biochemical Pharmacology</i> , 2015, 96, 357-368.	4.4	24
35	High-Throughput Screening Reveals Alsterpaullone, 2-Cyanoethyl as a Potent p27Kip1 Transcriptional Inhibitor. <i>PLoS ONE</i> , 2014, 9, e91173.	2.5	14
36	Identification of trisubstituted-pyrazol carboxamide analogs as novel and potent antagonists of farnesoid X receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 2919-2938.	3.0	29

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37	Development of BODIPY FL Vindoline as a Novel and High-Affinity Pregnane X Receptor Fluorescent Probe. <i>Bioconjugate Chemistry</i> , 2014, 25, 1664-1677.	3.6	23
38	Metabolic Activation of CaMKII by Coenzyme A. <i>Molecular Cell</i> , 2013, 52, 325-339.	9.7	35
39	Piperine activates human pregnane X receptor to induce the expression of cytochrome P450 3A4 and multidrug resistance protein 1. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 96-107.	2.8	62
40	Dipyridamole analogs as pharmacological inhibitors of equilibrative nucleoside transporters. Identification of novel potent and selective inhibitors of the adenosine transporter function of human equilibrative nucleoside transporter 4 (hENT4). <i>Biochemical Pharmacology</i> , 2013, 86, 1531-1540.	4.4	46
41	A vinblastine fluorescent probe for pregnane X receptor in a time-resolved fluorescence resonance energy transfer assay. <i>Analytical Biochemistry</i> , 2013, 443, 252-260.	2.4	16
42	Development of time resolved fluorescence resonance energy transfer-based assay for FXR antagonist discovery. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4266-4278.	3.0	19
43	Modulation of NKG2D ligand expression and metastasis in tumors by spironolactone via RXR β activation. <i>Journal of Experimental Medicine</i> , 2013, 210, 2675-2692.	8.5	52
44	Identification of Small Molecule Activators of BMP Signaling. <i>PLoS ONE</i> , 2013, 8, e59045.	2.5	61
45	A tea catechin, epigallocatechin-3-gallate, is a unique modulator of the farnesoid X receptor. <i>Toxicology and Applied Pharmacology</i> , 2012, 258, 268-274.	2.8	57
46	Design, Synthesis, and Evaluation of 2-Diethanolamino-4,8-diheptamethyleneimino-2-(<i>N</i> -aminoethyl- <i>N</i> -ethanolamino)-6-(<i>N,N</i> -diethanolamino)pyrimido[5,4- <i>d</i>]pyrimidin-5(1 <i>H</i>)-one Conjugate (8MDP-fluor), As a Novel Equilibrative Nucleoside Transporter Probe. <i>Bioconjugate Chemistry</i> , 2011, 22, 1221-1227.	3.6	10
47	Development of a Pterin-Based Fluorescent Probe for Screening Dihydropteroate Synthase. <i>Bioconjugate Chemistry</i> , 2011, 22, 2110-2117.	3.6	9
48	Modulation of Pantothenate Kinase 3 Activity by Small Molecules that Interact with the Substrate/Allosteric Regulatory Domain. <i>Chemistry and Biology</i> , 2010, 17, 892-902.	6.0	47
49	Flavonoids activate pregnane X receptor-mediated CYP3A4 gene expression by inhibiting cyclin-dependent kinases in HepG2 liver carcinoma cells. <i>BMC Biochemistry</i> , 2010, 11, 23.	4.4	63
50	Cyclin-dependent Kinase 2 Negatively Regulates Human Pregnane X Receptor-mediated CYP3A4 Gene Expression in HepG2 Liver Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 30650-30657.	3.4	90
51	Synthesis, Flow Cytometric Evaluation, and Identification of Highly Potent Dipyridamole Analogues as Equilibrative Nucleoside Transporter 1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3906-3920.	6.4	30
52	Synthesis of a Peptidomimetic HCMV Protease Inhibitor Library. <i>Synthesis</i> , 2002, 2002, 1017-1026.	2.3	27