# Wenwei Lin

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | A phosphotyrosine switch regulates organic cation transporters. Nature Communications, 2016, 7, 10880. | 12.8 | 100 |
| 2 | Cyclin-dependent Kinase 2 Negatively Regulates Human Pregnane X Receptor-mediated CYP3A4 Gene Expression in HepG2 Liver Carcinoma Cells. Journal of Biological Chemistry, 2008, 283, 30650-30657. | 3.4 | 90 |
| 3 | SPA70 is a potent antagonist of human pregnane X receptor. Nature Communications, 2017, 8, 741. | 12.8 | 82 |
| 4 | Oncogenic role and therapeutic targeting of ABL-class and JAK-STAT activating kinase alterations in Ph-like ALL. Blood Advances, 2017, 1, 1657-1671. | 5.2 | 76 |
| 5 | Flavonoids activate pregnane Ã— receptor-mediated CYP3A4 gene expression by inhibiting cyclin-dependent kinases in HepG2 liver carcinoma cells. BMC Biochemistry, 2010, 11, 23. | 4.4 | 63 |
| 6 | Piperine activates human pregnane X receptor to induce the expression of cytochrome P450 3A4 and multidrug resistance protein 1. Toxicology and Applied Pharmacology, 2013, 272, 96-107. | 2.8 | 62 |
| 7 | Identification of Small Molecule Activators of BMP Signaling. PLoS ONE, 2013, 8, e59045. | 2.5 | 61 |
| 8 | A tea catechin, epigallocatechin-3-gallate, is a unique modulator of the farnesoid X receptor. Toxicology and Applied Pharmacology, 2012, 258, 268-274. | 2.8 | 57 |
| 9 | Modulation of NKG2D ligand expression and metastasis in tumors by spironolactone via RXRÎ³ activation. Journal of Experimental Medicine, 2013, 210, 2675-2692. | 8.5 | 52 |
| 10 | Modulation of Pantothenate Kinase 3 Activity by Small Molecules that Interact with the Substrate/Allosteric Regulatory Domain. Chemistry and Biology, 2010, 17, 892-902. | 6.0 | 47 |
| 11 | 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). Biochemical Pharmacology, 2013, 86, 1531-1540. | 4.4 | 46 |
| 12 | Targeting Histone Demethylases in MYC-Driven Neuroblastomas with Ciclopirox. Cancer Research, 2017, 77, 4626-4638. | 0.9 | 42 |
| 13 | CINPA1 Is an Inhibitor of Constitutive Androstane Receptor That Does Not Activate Pregnane X Receptor. Molecular Pharmacology, 2015, 87, 878-889. | 2.3 | 41 |
| 14 | Metabolic Activation of CaMKII by Coenzyme A. Molecular Cell, 2013, 52, 325-339. | 9.7 | 35 |
| 15 | Synthesis, Flow Cytometric Evaluation, and Identification of Highly Potent Dipyridamole Analogues as Equilibrative Nucleoside Transporter 1 Inhibitors. Journal of Medicinal Chemistry, 2007, 50, 3906-3920. | 6.4 | 30 |
| 16 | Identification of trisubstituted-pyrazol carboxamide analogs as novel and potent antagonists of farnesoid X receptor. Bioorganic and Medicinal Chemistry, 2014, 22, 2919-2938. | 3.0 | 29 |
| 17 | A High-Throughput Screen Reveals New Small-Molecule Activators and Inhibitors of Pantothenate Kinases. Journal of Medicinal Chemistry, 2015, 58, 1563-1568. | 6.4 | 28 |
| 18 | Synthesis of a Peptidomimetic HCMV Protease Inhibitor Library. Synthesis, 2002, 2002, 1017-1026. | 2.3 | 27 |

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|---|---|---|---|
| 19 | 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. Biochemical Pharmacology, 2015, 96, 357-368. | 4.4 | 24 |
| 20 | CITCO Directly Binds to and Activates Human Pregnane X Receptor. Molecular Pharmacology, 2020, 97, 180-190. | 2.3 | 24 |
| 21 | Development of BODIPY FL Vindoline as a Novel and High-Affinity Pregnane X Receptor Fluorescent Probe. Bioconjugate Chemistry, 2014, 25, 1664-1677. | 3.6 | 23 |
| 22 | Mutation of a single amino acid of pregnane X receptor switches an antagonist to agonist by altering AF-2 helix positioning. Cellular and Molecular Life Sciences, 2021, 78, 317-335. | 5.4 | 21 |
| 23 | Ventromorphins: A New Class of Small Molecule Activators of the Canonical BMP Signaling Pathway. ACS Chemical Biology, 2017, 12, 2436-2447. | 3.4 | 20 |
| 24 | Development of time resolved fluorescence resonance energy transfer-based assay for FXR antagonist discovery. Bioorganic and Medicinal Chemistry, 2013, 21, 4266-4278. | 3.0 | 19 |
| 25 | An unexpected protein interaction promotes drug resistance in leukemia. Nature Communications, 2017, 8, 1547. | 12.8 | 19 |
| 26 | Glucose-dependent regulation of pregnane X receptor is modulated by AMP-activated protein kinase. Scientific Reports, 2017, 7, 46751. | 3.3 | 18 |
| 27 | PRL-3 Mediates the Protein Maturation of ULBP2 by Regulating the Tyrosine Phosphorylation of HSP60. Journal of Immunology, 2015, 194, 2930-2941. | 0.8 | 17 |
| 28 | Identification of Toll-like receptor signaling inhibitors based on selective activation of hierarchically acting signaling proteins. Science Signaling, 2018, 11, . | 3.6 | 17 |
| 29 | Using TR-FRET to Investigate Proteinâ€“Protein Interactions: A Case Study of PXR-Coregulator Interaction. Advances in Protein Chemistry and Structural Biology, 2018, 110, 31-63. | 2.3 | 17 |
| 30 | Drug discovery technologies to identify and characterize modulators of the pregnane X receptor and the constitutive androstane receptor. Drug Discovery Today, 2019, 24, 906-915. | 6.4 | 17 |
| 31 | Structural basis for substrate recognition and chemical inhibition of oncogenic MAGE ubiquitin ligases. Nature Communications, 2020, 11, 4931. | 12.8 | 17 |
| 32 | A vinblastine fluorescent probe for pregnane X receptor in a time-resolved fluorescence resonance energy transfer assay. Analytical Biochemistry, 2013, 443, 252-260. | 2.4 | 16 |
| 33 | Development of CINPA1 analogs as novel and potent inverse agonists of constitutive androstane receptor. European Journal of Medicinal Chemistry, 2016, 108, 505-528. | 5.5 | 16 |
| 34 | 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. Journal of Medicinal Chemistry, 2021, 64, 1733-1761. | 6.4 | 15 |
| 35 | High-Throughput Screening Reveals Alsterpaullone, 2-Cyanoethyl as a Potent p27Kip1 Transcriptional Inhibitor. PLoS ONE, 2014, 9, e91173. | 2.5 | 14 |
| 36 | Alteration of RNA Splicing by Small-Molecule Inhibitors of the Interaction between NHP2L1 and U4. SLAS Discovery, 2018, 23, 164-173. | 2.7 | 14 |

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|---|---|---|---|
| 37 | Identification of small molecules that mitigate vincristineâ€induced neurotoxicity while sensitizing leukemia cells to vincristine. Clinical and Translational Science, 2021, 14, 1490-1504. | 3.1 | 12 |
| 38 | SJPYT-195: A Designed Nuclear Receptor Degrader That Functions as a Molecular Glue Degrader of GSPT1. ACS Medicinal Chemistry Letters, 2022, 13, 1311-1320. | 2.8 | 12 |
| 39 | General Stepwise Approach to Optimize a TR-FRET Assay for Characterizing the BRD/PROTAC/CRBN Ternary Complex. ACS Pharmacology and Translational Science, 2021, 4, 941-952. | 4.9 | 11 |
| 40 | Design, Synthesis, and Evaluation of 2-Diethanolamino-4,8-diheptamethyleneimino-2-(N-aminoethyl-N-ethanolamino)-6-(N,N-diethanolamino)pyrimido[5 Conjugate (8MDP-fluor), As a Novel Equilibrative Nucleoside Transporter Probe. Bioconjugate Chemistry, 2011, 22, 1221-1227. | 3.6 | 10 |
| 41 | Development of a Pterin-Based Fluorescent Probe for Screening Dihydropteroate Synthase. Bioconjugate Chemistry, 2011, 22, 2110-2117. | 3.6 | 9 |
| 42 | High-Throughput Screening Identifies 1,4,5-Substituted 1,2,3-Triazole Analogs as Potent and Specific Antagonists of Pregnane X Receptor. Assay and Drug Development Technologies, 2017, 15, 383-394. | 1.2 | 9 |
| 43 | Development of BODIPY FL VH032 as a High-Affinity and Selective von Hippelâ€“Lindau E3 Ligase Fluorescent Probe and Its Application in a Time-Resolved Fluorescence Resonance Energy-Transfer Assay. ACS Omega, 2021, 6, 680-695. | 3.5 | 9 |
| 44 | Identification and Characterization of CINPA1 Metabolites Facilitates Structure-Activity Studies of the Constitutive Androstane Receptor. Drug Metabolism and Disposition, 2016, 44, 1759-1770. | 3.3 | 8 |
| 45 | Development of BODIPY FL Thalidomide As a High-Affinity Fluorescent Probe for Cereblon in a Time-Resolved Fluorescence Resonance Energy Transfer Assay. Bioconjugate Chemistry, 2020, 31, 2564-2575. | 3.6 | 8 |
| 46 | 17-DMAG dually inhibits Hsp90 and histone lysine demethylases in alveolar rhabdomyosarcoma. IScience, 2021, 24, 101996. | 4.1 | 7 |
| 47 | Biological evaluation and synthesis of calcitroic acid. Bioorganic Chemistry, 2021, 116, 105310. | 4.1 | 5 |
| 48 | A protocol for high-throughput screening of histone lysine demethylase 4 inhibitors using TR-FRET assay. STAR Protocols, 2021, 2, 100702. | 1.2 | 1 |
| 49 | PI3K and MEK Inhibition in Hypodiploid Acute Lymphoblastic Leukemia. Blood, 2016, 128, 1635-1635. | 1.4 | 0 |
| 50 | Exploiting ABCG2 Inhibition to Improve Cancer Therapy. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR34-4. | 0.0 | 0 |
| 51 | Is Inhibitor Binding the Sole Requirement in Determining Inhibition of ABCG2 Mediated Transport?. FASEB Journal, 2018, 32, 693.9. | 0.5 | 0 |
| 52 | Developing Inhibitors that Exploit ABCG2 and Cancer Dependencies to Improve Therapeutic Outcome. FASEB Journal, 2019, 33, . | 0.5 | 0 |