Kelin Li

List of Publications by Year
in descending order

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39 papers	1,690 citations	430874 18 h-index	302126 39 g-index
43 all docs	43 docs citations	43 times ranked	2968 citing authors

#	Article	IF	Citations
1	MAIT cells are imprinted by the microbiota in early life and promote tissue repair. Science, 2019, 366, .	12.6	342
2	Reversible inhibitor of p97, DBeQ, impairs both ubiquitin-dependent and autophagic protein clearance pathways. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4834-4839.	7.1	281
3	Trifluoroacetic Acid-Mediated Hydroarylation:â€‰ Synthesis of Dihydrocoumarins and Dihydroquinolones. Journal of Organic Chemistry, 2005, 70, 2881-2883.	3.2	132
4	Structureâ€“Activity Relationship Study Reveals ML240 and ML241 as Potent and Selective Inhibitors of p97 ATPase. ChemMedChem, 2013, 8, 297-312.	3.2	119
5	Specific Inhibition of p97/VCP ATPase and Kinetic Analysis Demonstrate Interaction between D1 and D2 ATPase Domains. Journal of Molecular Biology, 2014, 426, 2886-2899.	4.2	103
6	Optimization of Potent Hepatitis C Virus NS3 Helicase Inhibitors Isolated from the Yellow Dyes Thioflavine S and Primuline. Journal of Medicinal Chemistry, 2012, 55, 3319-3330.	6.4	62
7	Sequential Pd(II)â˜Pd(0) Catalysis for the Rapid Synthesis of Coumarins. Journal of Organic Chemistry, 2005, 70, 6515-6518.	3.2	60
8	Mucosal-associated invariant and Î³Î´ T cell subsets respond to initial Mycobacterium tuberculosis infection. JCI Insight, 2018, 3, .	5.0	59
9	Identification and analysis of hepatitis C virus NS3 helicase inhibitors using nucleic acid binding assays. Nucleic Acids Research, 2012, 40, 8607-8621.	14.5	51
10	Benzothiazole and Pyrrolone Flavivirus Inhibitors Targeting the Viral Helicase. ACS Infectious Diseases, 2015, 1, 140-148.	3.8	44
11	Stereochemical Control in the Reduction of 2-Chromanols. Organic Letters, 2006, 8, 4711-4714.	4.6	37
12	Synthesis, stabilization, and characterization of the MR1 ligand precursor 5-amino-6-D-ribitylaminouracil (5-A-RU). PLoS ONE, 2018, 13, e0191837.	2.5	31
13	Evaluating p97 Inhibitor Analogues for Their Domain Selectivity and Potency against the p97â€“p47 Complex. ChemMedChem, 2015, 10, 52-56.	3.2	29
14	Single-Cell Transcriptional Profiling Reveals Signatures of Helper, Effector, and Regulatory MAIT Cells during Homeostasis and Activation. Journal of Immunology, 2022, 208, 1042-1056.	0.8	26
15	Efficient 5-OP-RU-Induced Enrichment of Mucosa-Associated Invariant T Cells in the Murine Lung Does Not Enhance Control of Aerosol Mycobacterium tuberculosis Infection. Infection and Immunity, 2020, 89, .	2.2	25
16	Structure-Based Design of Inhibitors with Improved Selectivity for Steroidogenic Cytochrome P450 17A1 over Cytochrome P450 21A2. Journal of Medicinal Chemistry, 2018, 61, 4946-4960.	6.4	24
17	SHAPE-enabled fragment-based ligand discovery for RNA. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2122660119.	7.1	21
18	Application of the DP4 Probability Method to Flexible Cyclic Peptides with Multiple Independent Stereocenters: The True Structure of Cyclocinamide A. Organic Letters, 2018, 20, 4314-4317.	4.6	20

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19	Chemical Libraries via Sequential Câ˜H Functionalization of Phenols. ACS Combinatorial Science, 2008, 10, 170-174.	3.3	18
20	Fluorescent primuline derivatives inhibit hepatitis C virus NS3-catalyzed RNA unwinding, peptide hydrolysis and viral replicase formation. Antiviral Research, 2012, 96, 245-255.	4.1	18
21	Subsite Ligand Recognition and Cooperativity in the TPP Riboswitch: Implications for Fragment-Linking in RNA Ligand Discovery. ACS Chemical Biology, 2022, 17, 438-448.	3.4	18
22	Bioactivation of Trimethoprim to Protein-Reactive Metabolites in Human Liver Microsomes. Drug Metabolism and Disposition, 2016, 44, 1603-1607.	3.3	13
23	Evaluating p97 Inhibitor Analogues for Potency against p97â€“p37 and p97â€“Npl4â€“Ufd1 Complexes. ChemMedChem, 2016, 11, 953-957.	3.2	13
24	Identification of Î²-Lactams Active against Mycobacterium tuberculosis by a Consortium of Pharmaceutical Companies and Academic Institutions. ACS Infectious Diseases, 2022, 8, 557-573.	3.8	13
25	Development of an Aryloxazole Class of Hepatitis C Virus Inhibitors Targeting the Entry Stage of the Viral Replication Cycle. Journal of Medicinal Chemistry, 2017, 60, 6364-6383.	6.4	12
26	An Interrupted Schmidt Reaction: Câ€“C Bond Formation Arising from Nitrilium Ion Capture. Organic Letters, 2018, 20, 6354-6358.	4.6	12
27	Primuline Derivatives That Mimic RNA to Stimulate Hepatitis C Virus NS3 Helicase-catalyzed ATP Hydrolysis. Journal of Biological Chemistry, 2013, 288, 19949-19957.	3.4	11
28	Dual-Pharmacophore Pyrithione-Containing Cephalosporins Kill Both Replicating and Nonreplicating Mycobacterium tuberculosis. ACS Infectious Diseases, 2019, 5, 1433-1445.	3.8	11
29	Activity-Based Protein Profiling Reveals That Cephalosporins Selectively Active on Non-replicating Mycobacterium tuberculosis Bind Multiple Protein Families and Spare Peptidoglycan Transpeptidases. Frontiers in Microbiology, 2020, 11, 1248.	3.5	11
30	Simultaneously Targeting the NS3 Protease and Helicase Activities for More Effective Hepatitis C Virus Therapy. ACS Chemical Biology, 2015, 10, 1887-1896.	3.4	10
31	Identification of Cosalane as an Inhibitor of Human and Murine CCâ€“Chemokine Receptor 7 Signaling via a High-Throughput Screen. SLAS Discovery, 2018, 23, 1083-1091.	2.7	10
32	Bactericidal Disruption of Magnesium Metallostasis in Mycobacterium tuberculosis Is Counteracted by Mutations in the Metal Ion Transporter CorA. MBio, 2019, 10, .	4.1	10
33	Fluoxazolevir inhibits hepatitis C virus infection in humanized chimeric mice by blocking viral membrane fusion. Nature Microbiology, 2020, 5, 1532-1541.	13.3	10
34	In Vitro and In Vivo Inhibition of the Mycobacterium tuberculosis Phosphopantetheinyl Transferase PptT by Amidinoureas. Journal of Medicinal Chemistry, 2022, 65, 1996-2022.	6.4	10
35	Enzymatic Synthesis of Diverse Heterocycles by a Noncanonical Nonribosomal Peptide Synthetase. ACS Chemical Biology, 2021, 16, 2776-2786.	3.4	7
36	Reduction of Pyrrolyl- and Indolylamides with BH3Â·THF: Cyclodeoxygenation versus Deoxygenation. Journal of Organic Chemistry, 2008, 73, 8651-8653.	3.2	5

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37	Visualizing an Allosteric Intermediate Using CuAAC Stabilization of an NMR Mixed Labeled Dimer. ACS Chemical Biology, 2021, 16, 2766-2775.	3.4	4
38	The Ex Vivo Treatment of Donor T Cells with Cosalane, an HIV Therapeutic and Small-Molecule Antagonist of CC-Chemokine Receptor 7, Separates Acute Graft-versus-Host Disease from Graft-versus-Leukemia Responses in Murine Hematopoietic Stem Cell Transplantation Models. Biology of Blood and Marrow Transplantation, 2019, 25, 1062-1074.	2.0	2
39	A Novel Mucosal-Associated (Semi)-Invariant T-Cell (MAIT) Activation Assay With Synthetic MR1 Ligand. Open Forum Infectious Diseases, 2016, 3, .	0.9	0