

Kelin Li

List of Publications by Year in descending order

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39
papers

1,690
citations

430442

18
h-index

301761

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. <i>Science</i> , 2019, 366, .	6.0	342
2	Reversible inhibitor of p97, DBE9, impairs both ubiquitin-dependent and autophagic protein clearance pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4834-4839.	3.3	281
3	Trifluoroacetic Acid-Mediated Hydroarylation: Synthesis of Dihydrocoumarins and Dihydroquinolones. <i>Journal of Organic Chemistry</i> , 2005, 70, 2881-2883.	1.7	132
4	Structure-Activity Relationship Study Reveals ML240 and ML241 as Potent and Selective Inhibitors of p97 ATPase. <i>ChemMedChem</i> , 2013, 8, 297-312.	1.6	119
5	Specific Inhibition of p97/VCP ATPase and Kinetic Analysis Demonstrate Interaction between D1 and D2 ATPase Domains. <i>Journal of Molecular Biology</i> , 2014, 426, 2886-2899.	2.0	103
6	Optimization of Potent Hepatitis C Virus NS3 Helicase Inhibitors Isolated from the Yellow Dyes Thioflavine S and Primuline. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 3319-3330.	2.9	62
7	Sequential Pd(II)~Pd(0) Catalysis for the Rapid Synthesis of Coumarins. <i>Journal of Organic Chemistry</i> , 2005, 70, 6515-6518.	1.7	60
8	Mucosal-associated invariant and $\gamma\delta$ T cell subsets respond to initial Mycobacterium tuberculosis infection. <i>JCI Insight</i> , 2018, 3, .	2.3	59
9	Identification and analysis of hepatitis C virus NS3 helicase inhibitors using nucleic acid binding assays. <i>Nucleic Acids Research</i> , 2012, 40, 8607-8621.	6.5	51
10	Benzothiazole and Pyrrolone Flavivirus Inhibitors Targeting the Viral Helicase. <i>ACS Infectious Diseases</i> , 2015, 1, 140-148.	1.8	44
11	Stereochemical Control in the Reduction of 2-Chromanols. <i>Organic Letters</i> , 2006, 8, 4711-4714.	2.4	37
12	Synthesis, stabilization, and characterization of the MR1 ligand precursor 5-amino-6-D-ribitylaminoouracil (5-A-RU). <i>PLoS ONE</i> , 2018, 13, e0191837.	1.1	31
13	Evaluating p97 Inhibitor Analogues for Their Domain Selectivity and Potency against the p97~p47 Complex. <i>ChemMedChem</i> , 2015, 10, 52-56.	1.6	29
14	Single-Cell Transcriptional Profiling Reveals Signatures of Helper, Effector, and Regulatory MAIT Cells during Homeostasis and Activation. <i>Journal of Immunology</i> , 2022, 208, 1042-1056.	0.4	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. <i>Infection and Immunity</i> , 2020, 89, .	1.0	25
16	Structure-Based Design of Inhibitors with Improved Selectivity for Steroidogenic Cytochrome P450 17A1 over Cytochrome P450 21A2. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4946-4960.	2.9	24
17	SHAPE-enabled fragment-based ligand discovery for RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2122660119.	3.3	21
18	Application of the DP4 Probability Method to Flexible Cyclic Peptides with Multiple Independent Stereocenters: The True Structure of Cyclocinamide A. <i>Organic Letters</i> , 2018, 20, 4314-4317.	2.4	20

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19	Chemical Libraries via Sequential C-H Functionalization of Phenols. <i>ACS Combinatorial Science</i> , 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. <i>Antiviral Research</i> , 2012, 96, 245-255.	1.9	18
21	Subsite Ligand Recognition and Cooperativity in the TPP Riboswitch: Implications for Fragment-Linking in RNA Ligand Discovery. <i>ACS Chemical Biology</i> , 2022, 17, 438-448.	1.6	18
22	Bioactivation of Trimethoprim to Protein-Reactive Metabolites in Human Liver Microsomes. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1603-1607.	1.7	13
23	Evaluating p97 Inhibitor Analogues for Potency against p97-p37 and p97-Npl4-Ufd1 Complexes. <i>ChemMedChem</i> , 2016, 11, 953-957.	1.6	13
24	Identification of β -Lactams Active against <i>Mycobacterium tuberculosis</i> by a Consortium of Pharmaceutical Companies and Academic Institutions. <i>ACS Infectious Diseases</i> , 2022, 8, 557-573.	1.8	13
25	Development of an Aryloxazole Class of Hepatitis C Virus Inhibitors Targeting the Entry Stage of the Viral Replication Cycle. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6364-6383.	2.9	12
26	An Interrupted Schmidt Reaction: C-C Bond Formation Arising from Nitrilium Ion Capture. <i>Organic Letters</i> , 2018, 20, 6354-6358.	2.4	12
27	Primuline Derivatives That Mimic RNA to Stimulate Hepatitis C Virus NS3 Helicase-catalyzed ATP Hydrolysis. <i>Journal of Biological Chemistry</i> , 2013, 288, 19949-19957.	1.6	11
28	Dual-Pharmacophore Pyrithione-Containing Cephalosporins Kill Both Replicating and Nonreplicating <i>Mycobacterium tuberculosis</i> . <i>ACS Infectious Diseases</i> , 2019, 5, 1433-1445.	1.8	11
29	Activity-Based Protein Profiling Reveals That Cephalosporins Selectively Active on Non-replicating <i>Mycobacterium tuberculosis</i> Bind Multiple Protein Families and Spare Peptidoglycan Transpeptidases. <i>Frontiers in Microbiology</i> , 2020, 11, 1248.	1.5	11
30	Simultaneously Targeting the NS3 Protease and Helicase Activities for More Effective Hepatitis C Virus Therapy. <i>ACS Chemical Biology</i> , 2015, 10, 1887-1896.	1.6	10
31	Identification of Cosalane as an Inhibitor of Human and Murine Chemokine Receptor 7 Signaling via a High-Throughput Screen. <i>SLAS Discovery</i> , 2018, 23, 1083-1091.	1.4	10
32	Bactericidal Disruption of Magnesium Metallostatics in <i>Mycobacterium tuberculosis</i> Is Counteracted by Mutations in the Metal Ion Transporter CorA. <i>MBio</i> , 2019, 10, .	1.8	10
33	Fluoxazovir inhibits hepatitis C virus infection in humanized chimeric mice by blocking viral membrane fusion. <i>Nature Microbiology</i> , 2020, 5, 1532-1541.	5.9	10
34	In Vitro and In Vivo Inhibition of the <i>Mycobacterium tuberculosis</i> Phosphopantetheinyl Transferase PptT by Amidinoureas. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1996-2022.	2.9	10
35	Enzymatic Synthesis of Diverse Heterocycles by a Noncanonical Nonribosomal Peptide Synthetase. <i>ACS Chemical Biology</i> , 2021, 16, 2776-2786.	1.6	7
36	Reduction of Pyrrolyl- and Indolylamides with BH ₃ -THF: Cyclodeoxygenation versus Deoxygenation. <i>Journal of Organic Chemistry</i> , 2008, 73, 8651-8653.	1.7	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.	1.6	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, .	0.4	0