

Donghyun Lim

List of Publications by Year in descending order

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docs citations

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times ranked

1327
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-based therapeutics: current challenges and future applications. Trends in Pharmacological Sciences, 2022, 43, 151-161.	8.7	32
2	Rational Design of Silicon-Based Zinc Ionophores. Angewandte Chemie - International Edition, 2022, , e202201698.	13.8	2
3	Small-molecule modulators of protein-RNA interactions. Current Opinion in Chemical Biology, 2022, 68, 102149.	6.1	4
4	Discovery of Small-Molecule Modulators of Protein-RNA Interactions by Fluorescence Intensity-Based Binding Assay. ChemBioChem, 2020, 21, 818-824.	2.6	21
5	Chemogenetic System Demonstrates That Cas9 Longevity Impacts Genome Editing Outcomes. ACS Central Science, 2020, 6, 2228-2237.	11.3	14
6	Engineering designer beta cells with a CRISPR-Cas9 conjugation platform. Nature Communications, 2020, 11, 4043.	12.8	31
7	A High-Throughput Platform to Identify Small-Molecule Inhibitors of CRISPR-Cas9. Cell, 2019, 177, 1067-1079.e19.	28.9	133
8	Precision Control of CRISPR-Cas9 Using Small Molecules and Light. Biochemistry, 2019, 58, 234-244.	2.5	92
9	Restoring Let-7 microRNA Biogenesis Using a Small-Molecule Inhibitor of the Protein-RNA Interaction. ACS Medicinal Chemistry Letters, 2018, 9, 1181-1185.	2.8	22
10	Treatment of Sepsis Pathogenesis with High Mobility Group Box Protein 1-Regulating Anti-inflammatory Agents. Journal of Medicinal Chemistry, 2017, 60, 170-179.	6.4	35
11	Discovery of a Small-Molecule Inhibitor of Protein-MicroRNA Interaction Using Binding Assay with a Site-Specifically Labeled Lin28. Journal of the American Chemical Society, 2016, 138, 13630-13638.	13.7	50
12	A small molecule binding HMGB1 and HMGB2 inhibits microglia-mediated neuroinflammation. Nature Chemical Biology, 2014, 10, 1055-1060.	8.0	99
13	Phenotypic Screening to Identify Small-Molecule Enhancers for Glucose Uptake: Target Identification and Rational Optimization of Their Efficacy. Angewandte Chemie - International Edition, 2014, 53, 5102-5106.	13.8	18
14	Discovery of Carbohydrate-Based 2-Aminopyrimidine Analogues As a New Class of Rapid-Acting Antimalarial Agents Using Image-Based Cytological Profiling Assay. Journal of Medicinal Chemistry, 2014, 57, 7425-7434.	6.4	31
15	A Novel Non-agonist Peroxisome Proliferator-activated Receptor β (PPAR β) Ligand UHC1 Blocks PPAR β Phosphorylation by Cyclin-dependent Kinase 5 (CDK5) and Improves Insulin Sensitivity. Journal of Biological Chemistry, 2014, 289, 26618-26629.	3.4	81
16	Phenotypic Screening to Identify Small-Molecule Enhancers for Glucose Uptake: Target Identification and Rational Optimization of Their Efficacy (Angew. Chem. 20/2014). Angewandte Chemie, 2014, 126, 5316-5316.	2.0	0
17	Synthesis of Molecular Frameworks Containing Two Distinct Heterocycles Connected in a Single Molecule with Enhanced Three-Dimensional Shape Diversity. Chemistry - A European Journal, 2013, 19, 7100-7108.	3.3	8
18	Orphan Nuclear Receptor Estrogen-Related Receptor β (ERR β) Is Key Regulator of Hepatic Gluconeogenesis. Journal of Biological Chemistry, 2012, 287, 21628-21639.	3.4	113

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19	Family-selective detection of antibiotics using antibody-functionalized carbon nanotube sensors. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 193-199.	7.8	19
20	Electroenzymatic synthesis of (S)-styrene oxide employing zinc oxide/carbon black composite electrode. <i>Enzyme and Microbial Technology</i> , 2010, 47, 313-321.	3.2	5
21	Rational Design of Silicon-Based Zinc Ionophores. <i>Angewandte Chemie</i> , 0, , .	2.0	0