

Ziyang Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7440125/publications.pdf>

Version: 2024-02-01

19
papers

5,307
citations

623734

14
h-index

713466

21
g-index

32
all docs

32
docs citations

32
times ranked

11858
citing authors

#	ARTICLE	IF	CITATIONS
1	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. <i>Nature</i> , 2020, 583, 459-468.	27.8	3,542
2	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	12.6	508
3	A platform for the discovery of new macrolide antibiotics. <i>Nature</i> , 2016, 533, 338-345.	27.8	251
4	Chronic TGF- β 2 exposure drives stabilized EMT, tumor stemness, and cancer drug resistance with vulnerability to bitopic mTOR inhibition. <i>Science Signaling</i> , 2019, 12, .	3.6	166
5	Drug-induced phospholipidosis confounds drug repurposing for SARS-CoV-2. <i>Science</i> , 2021, 373, 541-547.	12.6	148
6	GTP-State-Selective Cyclic Peptide Ligands of K-Ras(G12D) Block Its Interaction with Raf. <i>ACS Central Science</i> , 2020, 6, 1753-1761.	11.3	78
7	KRAS is vulnerable to reversible switch-II pocket engagement in cells. <i>Nature Chemical Biology</i> , 2022, 18, 596-604.	8.0	53
8	Stereocontrolled Synthesis of <i>syn</i> - β -Hydroxy- α -Amino Acids by Direct Aldolization of Pseudoephedrine Glycinamide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4642-4647.	13.8	46
9	Bifunctional Small-Molecule Ligands of K-Ras Induce Its Association with Immunophilin Proteins. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16314-16319.	13.8	36
10	Tetracyclines Modify Translation by Targeting Key Human rRNA Substructures. <i>Cell Chemical Biology</i> , 2018, 25, 1506-1518.e13.	5.2	35
11	The role of single cell derived vascular resident endothelial progenitor cells in the enhancement of vascularization in scaffold-based skin regeneration. <i>Biomaterials</i> , 2011, 32, 4109-4117.	11.4	34
12	Rapid Biomimetic Total Synthesis of (\pm)-Rossinone B. <i>Organic Letters</i> , 2010, 12, 5554-5557.	4.6	30
13	Synthesis of <i>D</i> -Desosamine and Analogs by Rapid Assembly of β -Amino Sugars. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 523-527.	13.8	22
14	Enhanced Collateral Growth by Double Transplantation of Gene-Nucleofected Fibroblasts in Ischemic Hindlimb of Rats. <i>PLoS ONE</i> , 2011, 6, e19192.	2.5	11
15	Dissecting the biology of mTORC1 beyond rapamycin. <i>Science Signaling</i> , 2021, 14, eabe0161.	3.6	10
16	Brain-specific inhibition of mTORC1 eliminates side effects resulting from mTORC1 blockade in the periphery and reduces alcohol intake in mice. <i>Nature Communications</i> , 2021, 12, 4407.	12.8	8
17	An Efficient Directed Claisen Reaction Allows for Rapid Construction of 5,6-Disubstituted 1,3-Dioxin-4-ones. <i>Synthesis</i> , 2015, 47, 2709-2712.	2.3	6
18	Bifunctional Small-Molecule Ligands of K-Ras Induce Its Association with Immunophilin Proteins. <i>Angewandte Chemie</i> , 2019, 131, 16460-16465.	2.0	5

#	ARTICLE	IF	CITATIONS
19	Beyond natural targets: chemical synthesis reprograms the target specificity of rapamycin. National Science Review, 0, , .	9.5	0