

Christopher G Parker

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,441
citations

471509

17
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

1786
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligand and Target Discovery by Fragment-Based Screening in Human Cells. <i>Cell</i> , 2017, 168, 527-541.e29.	28.9	330
2	Click Chemistry in Proteomic Investigations. <i>Cell</i> , 2020, 180, 605-632.	28.9	215
3	Antibody-Recruiting Molecules: An Emerging Paradigm for Engaging Immune Function in Treating Human Disease. <i>ACS Chemical Biology</i> , 2012, 7, 1139-1151.	3.4	113
4	PGRMC2 is an intracellular haem chaperone critical for adipocyte function. <i>Nature</i> , 2019, 576, 138-142.	27.8	96
5	Expedited mapping of the ligandable proteome using fully functionalized enantiomeric probe pairs. <i>Nature Chemistry</i> , 2019, 11, 1113-1123.	13.6	93
6	An Antibody-Recruiting Small Molecule That Targets HIV gp120. <i>Journal of the American Chemical Society</i> , 2009, 131, 16392-16394.	13.7	76
7	Exploring Binding and Effector Functions of Natural Human Antibodies Using Synthetic Immunomodulators. <i>ACS Chemical Biology</i> , 2013, 8, 2404-2411.	3.4	59
8	The Druggability of Solute Carriers. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3834-3867.	6.4	59
9	A general fragment-based approach to identify and optimize bioactive ligands targeting RNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33197-33203.	7.1	48
10	Chemical Proteomics Identifies SLC25A20 as a Functional Target of the Ingenol Class of Actinic Keratosis Drugs. <i>ACS Central Science</i> , 2017, 3, 1276-1285.	11.3	47
11	Targeted Protein Acetylation in Cells Using Heterobifunctional Molecules. <i>Journal of the American Chemical Society</i> , 2021, 143, 16700-16708.	13.7	46
12	Peptide probes detect misfolded transthyretin oligomers in plasma of hereditary amyloidosis patients. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	44
13	Evaluation of fully-functionalized diazirine tags for chemical proteomic applications. <i>Chemical Science</i> , 2021, 12, 7839-7847.	7.4	42
14	Mapping glycan-mediated galectin-3 interactions by live cell proximity labeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27329-27338.	7.1	41
15	The solute carrier SLC15A4 is required for optimal trafficking of nucleic acid-sensing TLRs and ligands to endolysosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200544119.	7.1	24
16	The CuI-catalyzed exo-selective asymmetric multicomponent [C+NC+CC] coupling reaction. <i>Tetrahedron Letters</i> , 2007, 48, 3867-3870.	1.4	22
17	Chemoproteomic-enabled phenotypic screening. <i>Cell Chemical Biology</i> , 2021, 28, 371-393.	5.2	20
18	Illuminating HIV gp120-ligand recognition through computationally-driven optimization of antibody-recruiting molecules. <i>Chemical Science</i> , 2014, 5, 2311-2317.	7.4	19

#	ARTICLE	IF	CITATIONS
19	A Sos proteomimetic as a pan-Ras inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	18
20	Proximity Tagging Identifies the Glycan-Mediated Glycoprotein Interactors of Galectin-1 in Muscle Stem Cells. ACS Chemical Biology, 2021, 16, 1994-2003.	3.4	14
21	Discovery of Modulators of Adipocyte Physiology Using Fully Functionalized Fragments. Methods in Molecular Biology, 2018, 1787, 115-127.	0.9	5
22	Mapping Interactions between Glycans and Glycan-Binding Proteins by Live Cell Proximity Tagging. Current Protocols, 2021, 1, e104.	2.9	4
23	Antibody-Recruiting Small Molecules: Synthetic Constructs as Immunotherapeutics. Annual Reports in Medicinal Chemistry, 2017, 50, 481-518.	0.9	3
24	Chemistry Takes Center Stage for Identifying Cancer Targetability. Cell, 2018, 173, 815-817.	28.9	2
25	Expanding the Druggable Proteome: Ligand and Target Discovery by Fragment-Based Screening in Cells. FASEB Journal, 2018, 32, 530.19.	0.5	0