

# Christopher G Parker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1681744/publications.pdf>

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  | The solute carrier SLC15A4 is required for optimal trafficking of nucleic acid-sensing TLRs and ligands to endolysosomes. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200544119. | 7.1  | 24        |
| 2  | Evaluation of fully-functionalized diazirine tags for chemical proteomic applications. Chemical Science, 2021, 12, 7839-7847.  | 7.4  | 42        |
| 3  | Chemoproteomic-enabled phenotypic screening. Cell Chemical Biology, 2021, 28, 371-393.   | 5.2  | 20        |
| 4  | 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        |
| 5  | Mapping Interactions between Glycans and Glycan-Binding Proteins by Live Cell Proximity Tagging. Current Protocols, 2021, 1, e104.   | 2.9  | 4         |
| 6  | 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        |
| 7  | Targeted Protein Acetylation in Cells Using Heterobifunctional Molecules. Journal of the American Chemical Society, 2021, 143, 16700-16708.  | 13.7 | 46        |
| 8  | The Druggability of Solute Carriers. Journal of Medicinal Chemistry, 2020, 63, 3834-3867.  | 6.4  | 59        |
| 9  | Mapping glycan-mediated galectin-3 interactions by live cell proximity labeling. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27329-27338.  | 7.1  | 41        |
| 10 | Click Chemistry in Proteomic Investigations. Cell, 2020, 180, 605-632.   | 28.9 | 215       |
| 11 | A general fragment-based approach to identify and optimize bioactive ligands targeting RNA. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33197-33203.                               | 7.1  | 48        |
| 12 | Expedited mapping of the ligandable proteome using fully functionalized enantiomeric probe pairs. Nature Chemistry, 2019, 11, 1113-1123.   | 13.6 | 93        |
| 13 | PGRMC2 is an intracellular haem chaperone critical for adipocyte function. Nature, 2019, 576, 138-142.   | 27.8 | 96        |
| 14 | Chemistry Takes Center Stage for Identifying Cancer Targetability. Cell, 2018, 173, 815-817.   | 28.9 | 2         |
| 15 | Discovery of Modulators of Adipocyte Physiology Using Fully Functionalized Fragments. Methods in Molecular Biology, 2018, 1787, 115-127.   | 0.9  | 5         |
| 16 | Expanding the Druggable Proteome: Ligand and Target Discovery by Fragment-Based Screening in Cells. FASEB Journal, 2018, 32, 530.19.   | 0.5  | 0         |
| 17 | Ligand and Target Discovery by Fragment-Based Screening in Human Cells. Cell, 2017, 168, 527-541.e29.  | 28.9 | 330       |
| 18 | Peptide probes detect misfolded transthyretin oligomers in plasma of hereditary amyloidosis patients. Science Translational Medicine, 2017, 9, .   | 12.4 | 44        |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Chemical Proteomics Identifies SLC25A20 as a Functional Target of the Ingenol Class of Actinic Keratosis Drugs. ACS Central Science, 2017, 3, 1276-1285.      | 11.3 | 47        |
| 20 | Antibody-Recruiting Small Molecules: Synthetic Constructs as Immunotherapeutics. Annual Reports in Medicinal Chemistry, 2017, 50, 481-518.                    | 0.9  | 3         |
| 21 | Illuminating HIV gp120-ligand recognition through computationally-driven optimization of antibody-recruiting molecules. Chemical Science, 2014, 5, 2311-2317. | 7.4  | 19        |
| 22 | Exploring Binding and Effector Functions of Natural Human Antibodies Using Synthetic Immunomodulators. ACS Chemical Biology, 2013, 8, 2404-2411.              | 3.4  | 59        |
| 23 | Antibody-Recruiting Molecules: An Emerging Paradigm for Engaging Immune Function in Treating Human Disease. ACS Chemical Biology, 2012, 7, 1139-1151.         | 3.4  | 113       |
| 24 | An Antibody-Recruiting Small Molecule That Targets HIV gp120. Journal of the American Chemical Society, 2009, 131, 16392-16394.                               | 13.7 | 76        |
| 25 | The CuI-catalyzed exo-selective asymmetric multicomponent [C+NC+CC] coupling reaction. Tetrahedron Letters, 2007, 48, 3867-3870.                              | 1.4  | 22        |