

Pascal Egloff

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

988
citations

687363

13
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

1644
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Structure of signaling-competent neurotensin receptor 1 obtained by directed evolution in <i>Escherichia coli</i> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E655-62. | 7.1 | 197 |
| 2 | Synthetic single domain antibodies for the conformational trapping of membrane proteins. ELife, 2018, 7, . | 6.0 | 176 |
| 3 | Generation of synthetic nanobodies against delicate proteins. Nature Protocols, 2020, 15, 1707-1741. | 12.0 | 106 |
| 4 | Conformational dynamics of a G-protein β subunit is tightly regulated by nucleotide binding. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3629-38. | 7.1 | 77 |
| 5 | The ABC exporter LptAB imports and reduces mycobacterial siderophores. Nature, 2020, 580, 413-417. | 27.8 | 63 |
| 6 | Directed evolution of G protein-coupled receptors in yeast for higher functional production in eukaryotic expression hosts. Scientific Reports, 2016, 6, 21508. | 3.3 | 55 |
| 7 | The extracellular gate shapes the energy profile of an ABC exporter. Nature Communications, 2019, 10, 2260. | 12.8 | 55 |
| 8 | Engineered peptide barcodes for in-depth analyses of binding protein libraries. Nature Methods, 2019, 16, 421-428. | 19.0 | 37 |
| 9 | Improving the apo-state detergent stability of NTS1 with CHES for pharmacological and structural studies. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2817-2824. | 2.6 | 36 |
| 10 | Complexes of the neurotensin receptor 1 with small-molecule ligands reveal structural determinants of full, partial, and inverse agonism. Science Advances, 2021, 7, . | 10.3 | 32 |
| 11 | Biparatopic sybodies neutralize SARS-CoV-2 variants of concern and mitigate drug resistance. EMBO Reports, 2022, 23, e54199. | 4.5 | 30 |
| 12 | Crystal structure of the β 1B-adrenergic receptor reveals molecular determinants of selective ligand recognition. Nature Communications, 2022, 13, 382. | 12.8 | 21 |
| 13 | A cleavable ligand column for the rapid isolation of large quantities of homogeneous and functional neurotensin receptor 1 variants from <i>E. coli</i> . Protein Expression and Purification, 2015, 108, 106-114. | 1.3 | 19 |
| 14 | Cryo-EM structures of a LptDE transporter in complex with Pro-macrobodies offer insight into lipopolysaccharide translocation. Nature Communications, 2022, 13, 1826. | 12.8 | 14 |
| 15 | Biotinylation of Membrane Proteins for Binder Selections. Methods in Molecular Biology, 2020, 2127, 151-165. | 0.9 | 11 |
| 16 | SCIDOT-06. TOWARDS EXCLUSIVELY LOCAL THERAPY OF GLIOBLASTOMA - ENGINEERING IL-12Fc WITH SUPERIOR TISSUE RETENTION AND MINIMAL SYSTEMIC EXPOSURE AFTER CNS ADMINISTRATION. Neuro-Oncology, 2019, 21, vi273-vi273. | 1.2 | 0 |
| 17 | DDRE-48. COMPARTMENT LOCKED IL-12 - INCREASED TISSUE RETENTION AND MINIMAL PERIPHERAL EXPOSURE ALLOW HIGHER TREATMENT EFFICACY AND TOLERABILITY IN LOCAL GLIOBLASTOMA THERAPY. Neuro-Oncology, 2021, 23, vi85-vi85. | 1.2 | 0 |