

# Gisela Brändén

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/294519/publications.pdf>

Version: 2024-02-01

20  
papers

531  
citations

840776

11  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1061  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Structural diversity and substrate preferences of three tannase enzymes encoded by the anaerobic bacterium <i>Clostridium butyricum</i> . <i>Journal of Biological Chemistry</i> , 2022, 298, 101758.                 | 3.4  | 9         |
| 2  | Lipidic cubic phase serial femtosecond crystallography structure of a photosynthetic reaction centre. <i>Acta Crystallographica Section D: Structural Biology</i> , 2022, 78, 698-708.                                | 2.3  | 7         |
| 3  | Ultrafast structural changes within a photosynthetic reaction centre. <i>Nature</i> , 2021, 589, 310-314.   | 27.8 | 47        |
| 4  | A polysaccharide utilization locus from the gut bacterium <i>Dysgonomonas mossii</i> encodes functionally distinct carbohydrate esterases. <i>Journal of Biological Chemistry</i> , 2021, 296, 100500.                | 3.4  | 21        |
| 5  | Branched Chain Lipid Metabolism As a Determinant of the N-Acyl Variation of <i>Streptomyces</i> Natural Products. <i>ACS Chemical Biology</i> , 2021, 16, 116-124.  | 3.4  | 6         |
| 6  | Structure of a C1/C4-oxidizing AA9 lytic polysaccharide monooxygenase from the thermophilic fungus <i>Malbranchea cinnamomea</i> . <i>Acta Crystallographica Section D: Structural Biology</i> , 2021, 77, 1019-1026. | 2.3  | 5         |
| 7  | Advances and challenges in time-resolved macromolecular crystallography. <i>Science</i> , 2021, 373, .  | 12.6 | 79        |
| 8  | Exploring the Active Site of the Antibacterial Target <i>MraY</i> by Modified Tunicamycins. <i>ACS Chemical Biology</i> , 2020, 15, 2885-2895.  | 3.4  | 9         |
| 9  | Structural insights of the enzymes from the chitin utilization locus of <i>Flavobacterium johnsoniae</i> . <i>Scientific Reports</i> , 2020, 10, 13775.   | 3.3  | 9         |
| 10 | Current status and future opportunities for serial crystallography at MAX IV Laboratory. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 1095-1102.   | 2.4  | 7         |
| 11 | Coherent diffractive imaging of microtubules using an X-ray laser. <i>Nature Communications</i> , 2019, 10, 2589.   | 12.8 | 22        |
| 12 | Well-based crystallization of lipidic cubic phase microcrystals for serial X-ray crystallography experiments. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 937-946.                        | 2.3  | 10        |
| 13 | A simple adaptation to a protein crystallography station to facilitate difference X-ray scattering studies. <i>Journal of Applied Crystallography</i> , 2019, 52, 378-386.  | 4.5  | 0         |
| 14 | Structural basis for selective inhibition of antibacterial target <i>MraY</i> , a membrane-bound enzyme involved in peptidoglycan synthesis. <i>Drug Discovery Today</i> , 2018, 23, 1426-1435.                       | 6.4  | 30        |
| 15 | <i>MraY</i> 's antibiotic complex reveals details of tunicamycin mode of action. <i>Nature Chemical Biology</i> , 2017, 13, 265-267.  | 8.0  | 96        |
| 16 | Flow-aligned, single-shot fiber diffraction using a femtosecond X-ray free-electron laser. <i>Cytoskeleton</i> , 2017, 74, 472-481.   | 2.0  | 12        |
| 17 | Serial femtosecond crystallography structure of cytochrome c oxidase at room temperature. <i>Scientific Reports</i> , 2017, 7, 4518.  | 3.3  | 34        |
| 18 | From Macrocrystals to Microcrystals: A Strategy for Membrane Protein Serial Crystallography. <i>Structure</i> , 2017, 25, 1461-1468.e2.   | 3.3  | 21        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Membrane protein structural biology using X-ray free electron lasers. <i>Current Opinion in Structural Biology</i> , 2015, 33, 115-125. | 5.7 | 42        |
| 20 | Structure-based ligand design to overcome CYP inhibition in drug discovery projects. <i>Drug Discovery Today</i> , 2014, 19, 905-911.   | 6.4 | 65        |