

Sven T Sowa

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

318
citations

1477746

6
h-index

940134

16
g-index

22
all docs

22
docs citations

22
times ranked

431
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Elucidation of the biosynthesis of the methane catalyst coenzyme F430. <i>Nature</i> , 2017, 543, 78-82. | 13.7 | 104 |
| 2 | The SARS-CoV-2 Nsp3 macrodomain reverses PARP9/DTX3L-dependent ADP-ribosylation induced by interferon signaling. <i>Journal of Biological Chemistry</i> , 2021, 297, 101041. | 1.6 | 61 |
| 3 | A FRET-based high-throughput screening platform for the discovery of chemical probes targeting the scaffolding functions of human tankyrases. <i>Scientific Reports</i> , 2020, 10, 12357. | 1.6 | 27 |
| 4 | Preclinical Lead Optimization of a 1,2,4-Triazole Based Tankyrase Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6834-6846. | 2.9 | 25 |
| 5 | A molecular toolbox for ADP-ribosyl binding proteins. <i>Cell Reports Methods</i> , 2021, 1, 100121. | 1.4 | 25 |
| 6 | Development of a 1,2,4-Triazole-Based Lead Tankyrase Inhibitor: Part II. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17936-17949. | 2.9 | 14 |
| 7 | High-resolution Crystal Structure of Human pERp1, A Saposin-like Protein Involved in IgA, IgM and Integrin Maturation in the Endoplasmic Reticulum. <i>Journal of Molecular Biology</i> , 2021, 433, 166826. | 2.0 | 9 |
| 8 | Assay technologies facilitating drug discovery for ADP-ribosyl writers, readers and erasers. <i>BioEssays</i> , 2022, 44, e2100240. | 1.2 | 8 |
| 9 | Analogues of TIQ-A as inhibitors of human mono-ADP-ribosylating PARPs. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 52, 116511. | 1.4 | 7 |
| 10 | The Tankyrase Inhibitor OM-153 Demonstrates Antitumor Efficacy and a Therapeutic Window in Mouse Models. <i>Cancer Research Communications</i> , 2022, 2, 233-245. | 0.7 | 6 |
| 11 | Preparation of screening assays for ADP-ribosyl readers and erasers using the GAP-tag as a binding probe. <i>STAR Protocols</i> , 2022, 3, 101147. | 0.5 | 5 |
| 12 | Potent 2,3-dihydrophthalazine-1,4-dione derivatives as dual inhibitors for mono-ADP-ribosyltransferases PARP10 and PARP15. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114362. | 2.6 | 5 |
| 13 | Evaluation of 3- and 4-phenoxybenzamides as Selective Inhibitors of the Mono-ADP-ribosyltransferase PARP10. <i>ChemistryOpen</i> , 2021, 10, 939-948. | 0.9 | 4 |
| 14 | Expression, Purification, and Activity Analysis of Chlorophyllide Oxidoreductase and Ni ²⁺ -Sirohydrochlorin a,c-Diamide Reductase. <i>Methods in Molecular Biology</i> , 2019, 1876, 125-140. | 0.4 | 2 |
| 15 | The zinc-binding motif in tankyrases is required for the structural integrity of the catalytic ADP-ribosyltransferase domain. <i>Open Biology</i> , 2022, 12, 210365. | 1.5 | 2 |