

Sven T Sowa

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

318
citations

1477746

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940134

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22
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docs citations

22
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Assay technologies facilitating drug discovery for ADP-ribosyl writers, readers and erasers. <i>BioEssays</i> , 2022, 44, e2100240.	1.2	8
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	A molecular toolbox for ADP-ribosyl binding proteins. <i>Cell Reports Methods</i> , 2021, 1, 100121.	1.4	25
10	Analogues of TIQ-A as inhibitors of human mono-ADP-ribosylating PARPs. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 52, 116511.	1.4	7
11	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
12	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
13	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
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	Elucidation of the biosynthesis of the methane catalyst coenzyme F430. <i>Nature</i> , 2017, 543, 78-82.	13.7	104