

Oleg A Volkov

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

124
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

178
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Species-Selective Pyrimidineamine Inhibitors of <i>Trypanosoma brucei</i> S-Adenosylmethionine Decarboxylase. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1182-1203. | 6.4 | 13 |
| 2 | A dual regulatory circuit consisting of S-adenosylmethionine decarboxylase protein and its reaction product controls expression of the paralogous activator prozyme in <i>Trypanosoma brucei</i> . <i>PLoS Pathogens</i> , 2018, 14, e1007404. | 4.7 | 6 |
| 3 | Identification of <i>Trypanosoma brucei</i> AdoMetDC Inhibitors Using a High-Throughput Mass Spectrometry-Based Assay. <i>ACS Infectious Diseases</i> , 2017, 3, 512-526. | 3.8 | 15 |
| 4 | Synthesis and evaluation of analogs of 5-((Z)-4-amino-2-butenyl)methylamino)-5'-deoxyadenosine (MDL) activity. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5433-5440. | 3.0 | 10 |
| 5 | Human GW182 Paralogs Are the Central Organizers for RNA-Mediated Control of Transcription. <i>Cell Reports</i> , 2017, 20, 1543-1552. | 6.4 | 40 |
| 6 | Relief of autoinhibition by conformational switch explains enzyme activation by a catalytically dead paralog. <i>ELife</i> , 2016, 5, . | 6.0 | 19 |
| 7 | Improved Synthesis of MDL 73811 – A Potent AdoMetDC Inhibitor and Anti- <i>Trypanosoma</i> Compound. <i>Synthesis</i> , 2016, 48, 2065-2068. | 2.3 | 5 |
| 8 | Product feedback regulation implicated in translational control of the <i>Trypanosoma brucei</i> S-adenosylmethionine decarboxylase regulatory subunit prozyme. <i>Molecular Microbiology</i> , 2013, 88, 846-861. | 2.5 | 16 |