

Sergio E Martinez

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

348
citations

1307594

7
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV-1 reverse transcriptase complex with DNA and nevirapine reveals non-nucleoside inhibition mechanism. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 253-259.	8.2	176
2	Structures of HIV-1 RT-RNA/DNA ternary complexes with dATP and nevirapine reveal conformational flexibility of RNA/DNA: insights into requirements for RNase H cleavage. <i>Nucleic Acids Research</i> , 2014, 42, 8125-8137.	14.5	60
3	Alpha-carboxy nucleoside phosphonates as universal nucleoside triphosphate mimics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3475-3480.	7.1	29
4	Structure of HIV-1 RT/dsRNA initiation complex prior to nucleotide incorporation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 7308-7313.	7.1	26
5	Structural Insights into HIV Reverse Transcriptase Mutations Q151M and Q151M Complex That Confer Multinucleoside Drug Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	16
6	Cryo-EM Structures Reveal Transcription Initiation Steps by Yeast Mitochondrial RNA Polymerase. <i>Molecular Cell</i> , 2021, 81, 268-280.e5.	9.7	15
7	Structure of HIV-1 reverse transcriptase/d4TTP complex: Novel DNA cross-linking site and pH-dependent conformational changes. <i>Protein Science</i> , 2019, 28, 587-597.	7.6	11
8	Sliding of HIV-1 reverse transcriptase over DNA creates a transient P pocket – targeting P-pocket by fragment screening. <i>Nature Communications</i> , 2021, 12, 7127.	12.8	6
9	Assembly and Cryo-EM structure determination of yeast mitochondrial RNA polymerase initiation complex intermediates. <i>STAR Protocols</i> , 2021, 2, 100431.	1.2	3
10	Exploring the dNTP-binding site of HIV-1 reverse transcriptase for inhibitor design. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113785.	5.5	3
11	Tenofovir-Amino Acid Conjugates Act as Polymerase Substrates – Implications for Avoiding Cellular Phosphorylation in the Discovery of Nucleotide Analogues. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 782-796.	6.4	2