

# Egor P Tchesnokov

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

2,776  
citations

623734

14  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

4397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remdesivir is a direct-acting antiviral that inhibits RNA-dependent RNA polymerase from severe acute respiratory syndrome coronavirus 2 with high potency. <i>Journal of Biological Chemistry</i> , 2020, 295, 6785-6797.	3.4	752
2	The antiviral compound remdesivir potently inhibits RNA-dependent RNA polymerase from Middle East respiratory syndrome coronavirus. <i>Journal of Biological Chemistry</i> , 2020, 295, 4773-4779.	3.4	659
3	Mechanism of Inhibition of Ebola Virus RNA-Dependent RNA Polymerase by Remdesivir. <i>Viruses</i> , 2019, 11, 326.	3.3	478
4	Molnupiravir promotes SARS-CoV-2 mutagenesis via the RNA template. <i>Journal of Biological Chemistry</i> , 2021, 297, 100770.	3.4	200
5	Template-dependent inhibition of coronavirus RNA-dependent RNA polymerase by remdesivir reveals a second mechanism of action. <i>Journal of Biological Chemistry</i> , 2020, 295, 16156-16165.	3.4	120
6	Acyclovir Is Activated into a HIV-1 Reverse Transcriptase Inhibitor in Herpesvirus-Infected Human Tissues. <i>Cell Host and Microbe</i> , 2008, 4, 260-270.	11.0	119
7	Mutations in the SARS-CoV-2 RNA-dependent RNA polymerase confer resistance to remdesivir by distinct mechanisms. <i>Science Translational Medicine</i> , 2022, 14, eabo0718.	12.4	108
8	Delayed Chain Termination Protects the Anti-hepatitis B Virus Drug Entecavir from Excision by HIV-1 Reverse Transcriptase. <i>Journal of Biological Chemistry</i> , 2008, 283, 34218-34228.	3.4	63
9	Remdesivir targets a structurally analogous region of the Ebola virus and SARS-CoV-2 polymerases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 26946-26954.	7.1	54
10	Recombinant RNA-Dependent RNA Polymerase Complex of Ebola Virus. <i>Scientific Reports</i> , 2018, 8, 3970.	3.3	45
11	Role of Helix P of the Human Cytomegalovirus DNA Polymerase in Resistance and Hypersusceptibility to the Antiviral Drug Foscarnet. <i>Journal of Virology</i> , 2006, 80, 1440-1450.	3.4	28
12	Efficient incorporation and template-dependent polymerase inhibition are major determinants for the broad-spectrum antiviral activity of remdesivir. <i>Journal of Biological Chemistry</i> , 2022, 298, 101529.	3.4	25
13	Mechanisms Associated with HIV-1 Resistance to Acyclovir by the V75I Mutation in Reverse Transcriptase. <i>Journal of Biological Chemistry</i> , 2009, 284, 21496-21504.	3.4	24
14	Human endogenous retrovirus-K (HERV-K) reverse transcriptase (RT) structure and biochemistry reveals remarkable similarities to HIV-1 RT and opportunities for HERV-K-specific inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	16
15	Derivatives of Mesoxalic Acid Block Translocation of HIV-1 Reverse Transcriptase. <i>Journal of Biological Chemistry</i> , 2015, 290, 1474-1484.	3.4	14
16	Independent inhibition of the polymerase and deubiquitinase activities of the Crimean-Congo Hemorrhagic Fever Virus full-length L-protein. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008283.	3.0	12
17	The active form of the influenza cap-snatching endonuclease inhibitor baloxavir marboxil is a tight binding inhibitor. <i>Journal of Biological Chemistry</i> , 2021, 296, 100486.	3.4	12
18	Engineering of a Chimeric RB69 DNA Polymerase Sensitive to Drugs Targeting the Cytomegalovirus Enzyme. <i>Journal of Biological Chemistry</i> , 2009, 284, 26439-26446.	3.4	11

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19	Sandacrabins – Structurally Unique Antiviral RNA Polymerase Inhibitors from a Rare Myxobacterium**. Chemistry - A European Journal, 2022, 28, e202104484.	3.3	10
20	Inhibition of viral RNA-dependent RNA polymerases with clinically relevant nucleotide analogs. The Enzymes, 2021, 49, 315-354.	1.7	9
21	The Nucleoside/Nucleotide Analogs Tenofovir and Emtricitabine Are Inactive against SARS-CoV-2. Molecules, 2022, 27, 4212.	3.8	9
22	Application of Molecular Dynamics Simulations to the Design of Nucleotide Inhibitors Binding to Norovirus Polymerase. Journal of Chemical Information and Modeling, 2020, 60, 6566-6578.	5.4	4
23	Independent Inhibition of the Polymerase and Deubiquitinase Activities of the Crimean–Congo Hemorrhagic Fever Virus Full-Length L-Protein. Proceedings (mdpi), 2020, 50, .	0.2	0
24	Efficient Incorporation and Template-Dependent Polymerase Inhibition are Major Determinants for the Broad-Spectrum Antiviral Activity of Remdesivir. FASEB Journal, 2022, 36, .	0.5	0