

# Anna Garbelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11291222/publications.pdf>

Version: 2024-02-01

18  
papers

776  
citations

687363

13  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1041  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human DDX3 protein is a valuable target to develop broad spectrum antiviral agents. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5388-5393.	7.1	100
2	Toward the Discovery of Novel Anti-HIV Drugs. Second-Generation Inhibitors of the Cellular ATPase DDX3 with Improved Anti-HIV Activity: Synthesis, Structure-Activity Relationship Analysis, Cytotoxicity Studies, and Target Validation. ChemMedChem, 2011, 6, 1371-1389.	3.2	95
3	A Motif Unique to the Human Dead-Box Protein DDX3 Is Important for Nucleic Acid Binding, ATP Hydrolysis, RNA/DNA Unwinding and HIV-1 Replication. PLoS ONE, 2011, 6, e19810.	2.5	85
4	Discovery of the first small molecule inhibitor of human DDX3 specifically designed to target the RNA binding site: Towards the next generation HIV-1 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2094-2098.	2.2	85
5	Pharmacophore Modeling and Molecular Docking Led to the Discovery of Inhibitors of Human Immunodeficiency Virus-1 Replication Targeting the Human Cellular Aspartic Acid-Glutamic Acid-Alanine-Aspartic Acid Box Polypeptide 3. Journal of Medicinal Chemistry, 2008, 51, 6635-6638.	6.4	81
6	Homology Model-Based Virtual Screening for the Identification of Human Helicase DDX3 Inhibitors. Journal of Chemical Information and Modeling, 2015, 55, 2443-2454.	5.4	75
7	The rhabdopsin STRESS RESPONSE SUPPRESSOR DEAD-box RNA helicases are nucleolar- and chromocenter-localized proteins that undergo stress-mediated relocalization and are involved in epigenetic gene silencing. Plant Journal, 2014, 79, 28-43.	5.7	62
8	DDX3X Helicase Inhibitors as a New Strategy To Fight the West Nile Virus Infection. Journal of Medicinal Chemistry, 2019, 62, 2333-2347.	6.4	49
9	Synthesis and Antiviral Activity of Novel 1,3,4-Thiadiazole Inhibitors of DDX3X. Molecules, 2019, 24, 3988.	3.8	31
10	DDX3X inhibitors, an effective way to overcome HIV-1 resistance targeting host proteins. European Journal of Medicinal Chemistry, 2020, 200, 112319.	5.5	27
11	How to win the HIV-1 drug resistance hurdle race: running faster or jumping higher?. Biochemical Journal, 2017, 474, 1559-1577.	3.7	20
12	Exploring the Implication of DDX3X in DENV Infection: Discovery of the First-in-Class DDX3X Fluorescent Inhibitor. ACS Medicinal Chemistry Letters, 2020, 11, 956-962.	2.8	19
13	The PDZ-Ligand and Src-Homology Type 3 Domains of Epidemic Avian Influenza Virus NS1 Protein Modulate Human Src Kinase Activity during Viral Infection. PLoS ONE, 2011, 6, e27789.	2.5	16
14	Novel alternative ribonucleotide excision repair pathways in human cells by DDX3X and specialized DNA polymerases. Nucleic Acids Research, 2020, 48, 11551-11565.	14.5	9
15	Targeting Cellular Cofactors in HIV Therapy. Topics in Medicinal Chemistry, 2014, , 183-222.	0.8	8
16	Unique Domain for a Unique Target: Selective Inhibitors of Host Cell DDX3X to Fight Emerging Viruses. Journal of Medicinal Chemistry, 2020, 63, 9876-9887.	6.4	7
17	Targeting DDX3X Helicase Activity with BA103 Shows Promising Therapeutic Effects in Preclinical Glioblastoma Models. Cancers, 2021, 13, 5569.	3.7	6
18	Novel Insights into the Biochemical Mechanism of CK1 $\mu$ and its Functional Interplay with DDX3X. International Journal of Molecular Sciences, 2020, 21, 6449.	4.1	1