

SHIVA - a web application for drug resistance and tropi

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Global HIV Antiretroviral Drug Resistance. <i>Journal of Infectious Diseases</i> , 2017, 216, S798-S800.	1.9	25
2	Improving fold resistance prediction of HIV-1 against protease and reverse transcriptase inhibitors using artificial neural networks. <i>BMC Bioinformatics</i> , 2017, 18, 369.	1.2	24
3	geno2pheno[ngs-freq]: a genotypic interpretation system for identifying viral drug resistance using next-generation sequencing data. <i>Nucleic Acids Research</i> , 2018, 46, W271-W277.	6.5	37
4	Data Science for Molecular Diagnostics Applications: From Academia to Clinic to Industry. <i>Systems Medicine (New Rochelle, N Y)</i> , 2018, 1, 13-17.	1.4	5
5	The virtual doctor: An interactive clinical-decision-support system based on deep learning for non-invasive prediction of diabetes. <i>Artificial Intelligence in Medicine</i> , 2019, 100, 101706.	3.8	80
6	HIV drug resistance prediction with weighted categorical kernel functions. <i>BMC Bioinformatics</i> , 2019, 20, 410.	1.2	17
7	Drug Resistance Prediction Using Deep Learning Techniques on HIV-1 Sequence Data. <i>Viruses</i> , 2020, 12, 560.	1.5	32
8	An Innovative Sequence-to-Structure-Based Approach to Drug Resistance Interpretation and Prediction: The Use of Molecular Interaction Fields to Detect HIV-1 Protease Binding-Site Dissimilarities. <i>Frontiers in Chemistry</i> , 2020, 8, 243.	1.8	4
9	HIV primary drug resistance and associated HIV risk factors among HIV positive blood donors in Brazil from 2007 to 2017. <i>Transfusion Medicine</i> , 2021, 31, 104-112.	0.5	0
10	Machine Learning in Discovery of New Antivirals and Optimization of Viral Infections Therapy. <i>Current Medicinal Chemistry</i> , 2021, 28, .	1.2	4
11	Fostering reproducibility, reusability, and technology transfer in health informatics. <i>IScience</i> , 2021, 24, 102803.	1.9	3
12	Predicting HIV drug resistance using weighted machine learning method at target protein sequence-level. <i>Molecular Diversity</i> , 2021, 25, 1541-1551.	2.1	7
13	Utilizing Big Data analytics and electronic health record data in HIV prevention, treatment, and care research: a literature review. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2021, , 1-21.	0.6	3
14	Artificial intelligence and machine learning assisted drug delivery for effective treatment of infectious diseases. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113922.	6.6	34
15	Drug resistance mutations in HIV: new bioinformatics approaches and challenges. <i>Current Opinion in Virology</i> , 2021, 51, 56-64.	2.6	23
17	Random Forest Algorithm for Prediction of HIV Drug Resistance. <i>STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health</i> , 2020, , 109-127.	0.0	3
18	Prediction and molecular field view of drug resistance in HIV-1 protease mutants. <i>Scientific Reports</i> , 2022, 12, 2913.	1.6	3
22	HIV- Bidirectional Encoder Representations From Transformers: A Set of Pretrained Transformers for Accelerating HIV Deep Learning Tasks. <i>Frontiers in Virology</i> , 0, 2, .	0.7	1

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23	Assessment of a Computational Approach to Predict Drug Resistance Mutations for HIV, HBV and SARS-CoV-2. <i>Molecules</i> , 2022, 27, 5413.	1.7	5
24	Effective prediction of drug target interaction on HIV using deep graph neural networks. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2022, 230, 104676.	1.8	4
25	Guideline for software life cycle in health informatics. <i>IScience</i> , 2022, 25, 105534.	1.9	4
28	Role of Computational Modelling in Drug Discovery for HIV. <i>Challenges and Advances in Computational Chemistry and Physics</i> , 2023, , 157-194.	0.6	0