

ALL IMAGES VIDEOS

33,300 Results Any time ▼

[Study details first artificial intelligence tool to help ...](#)<https://medicalxpress.com/news/2020-12-artificial...> ▼

Dec 10, 2020 · Hospital-based laboratories and doctors at the front line of the COVID-19 pandemic might soon add **artificial intelligence** to their testing toolkit. A recent study conducted with collaborators from ...

[Scientists identify hundreds of drug candidates to treat ...](#)<https://www.sciencedaily.com/releases/2020/08/200812115253.htm> ▼

Aug 12, 2020 · Scientists have used **machine learning** to identify hundreds of new potential **drugs** that could help treat COVID-19, the disease caused by the novel coronavirus, or ...

[Frontiers | Artificial Intelligence for COVID-19 Drug ...](#)<https://www.frontiersin.org/articles/10.3389/frai.2020.00065> ▼

If enough data are presented to a model, they can aid the search for a **drug** or vaccine candidate by identifying patterns within the data. In this review, we focus on the recent advances of COVID-19 **drug** and vaccine **development** using **artificial intelligence**, and the potential of intelligent training for the discovery of COVID-19 therapeutics.

Frontiers | Artificial Intelligence for COVID-19 Drug ...

<https://www.frontiersin.org/articles/10.3389/frai.2020.00065> ▾

Aug 18, 2020 · If enough data are presented to a model, they can aid the search for a **drug** or vaccine candidate by identifying patterns within the data. In this review, we focus on the recent advances of COVID-19 **drug** and vaccine development using **artificial intelligence**, and the potential of intelligent training for the discovery of COVID-19 therapeutics.

Cited by: 3 Author: Arash Keshavarzi Arshadi, Julia Webb, M...

Publish Year: 2020

Scientists identify hundreds of drug candidates to treat ...

<https://www.sciencedaily.com/releases/2020/08/200812115253.htm> ▾

Aug 12, 2020 · Scientists have used **machine learning** to identify hundreds of new potential **drugs** that could help treat COVID-19, the disease caused by the novel coronavirus, or ...

Evolutionary artificial intelligence based peptide ...

<https://www.sciencedirect.com/science/article/pii/S0925443920303264>

Jan 01, 2021 · An epidemic caused by COVID-19 in China turned into pandemic within a short duration affecting countries worldwide. Researchers and companies around the world are working on all the possible strategies to develop a curative or preventive strategy for the same, which includes vaccine development, **drug** repurposing, plasma therapy, and **drug** discovery based on **Artificial intelligence**.

Cited by: 1 Author: Ritika Kabra, Shailza Singh

Publish Year: 2021

(PDF) Viral Hepatitis Diagnosis: A Survey of Artificial ...

<https://www.researchgate.net/publication/311511213...>

The system uses **machine learning** tools and data mining statics to discover fuzzy rules, which help physicians to provide a fast and accurate diagnosis. ... **Hepatitis C virus (HCV)** is the most ...

Estimated Reading Time: 4 mins

In silico Potential of Approved Antimalarial Drugs for ...

<https://www.liebertpub.com/doi/full/10.1089/omi.2020.0071>

Oct 05, 2020 · Rethinking drug repositioning and development with **artificial intelligence**, **machine learning**, and omics. OMICS 23, 539–548. Link, Google Scholar; Lan J, Ge J, Yu J, et al. (2020).

Name of Journal: *Artificial Intelligence in Gastroenterology*

Manuscript NO: 60114

Manuscript Type: MINIREVIEWS

Artificial intelligence and machine learning could support drug development for hepatitis A virus internal ribosomal entry sites

Kanda T *et al.* AI supports drug development for HAV IRES

Tatsuo Kanda, Reina Sasaki, Ryota Masuzaki, Mitsuhiro Moriyama

Abstract

Hepatitis A virus (HAV) infection is still an important health issue worldwide.

Match Overview			Go	Live
1	Internet 52 words created on 24-Jun-2019 www.dymedical.nl/giv	2%		
2	Crossref 30 words Issaif A, (Jinchi Li, Zhiyong Wang) et al. "Quantitative Analysis of the Substrate Specificity of Human Tryptophan ...	2%		
3	Internet 17 words created on 17-Feb-2021 tamareshed.com	2%		
4	Internet 30 words www.csi.cmu.edu	2%		
5	Internet 20 words created on 15-Jun-2019 lms.lantern.com	2%		
6	Crossref 22 words Kumar, Hiteshi A et al. (PAP) produces 3C variants Y. RSE-6 dependent translocation and induces the polyphospho	1%		
7	Internet 20 words created on 16-Nov-2018 pmlna.sahsophiaethic.com	1%		
8	Internet 19 words created on 12-Jan-2016 www.academicjag.com	1%		
9	Crossref 16 words Kamata, Takashi, Shuang-Yu, Tomoko Kishihara, Shingo Kato Masaki, Na Jiang, Tetsuo Murakawa, Fumio Imanishi, Hiro	1%		
10	Crossref 16 words Houlihan, J. S. (2019) K. K. (2019) K. K. (2019) K. K. (2019) Integrated web server for prediction and design of substra	<1%		

国内版 国际版

Artificial intelligence and machine learning could support drug deve



ALL IMAGES VIDEOS

11,700 Results

Any time ▾

Scientists identify hundreds of drug candidates to treat ...

<https://www.sciencedaily.com/releases/2020/08/200812115253.htm> ▾

Aug 12, 2020 · Scientists have used **machine learning** to identify hundreds of new potential **drugs** that could help treat COVID-19, the disease caused by the novel coronavirus, or ...

Frontiers | Artificial Intelligence for COVID-19 Drug ...

<https://www.frontiersin.org/articles/10.3389/frai.2020.00065> ▾

Aug 18, 2020 · If enough data are presented to a model, they can aid the search for a **drug** or vaccine candidate by identifying patterns within the data. In this review, we focus on the recent advances of COVID-19 **drug** and vaccine development using **artificial intelligence**, and the potential of intelligent training for the discovery of COVID-19 therapeutics.

Cited by: 3

Author: Arash Keshavarzi Arshadi, Julia Webb, M...

Publish Year: 2020

COSMO-RS-Based Descriptors for the Machine Learning ...

<https://pubs.acs.org/doi/10.1021/acs.jpclett.0c02836>

Artificial intelligence (AI), and, in particular, **deep learning** as a subcategory of AI, provides opportunities for the discovery and development of innovative **drugs**. Various **machine learning** approaches have recently (re)emerged, some of which may be considered instances of domain-specific AI which have been successfully employed for **drug** ...

Author: Sergey Gusarov, Stanislav R Stoyanov Publish Year: 2020

Evolutionary artificial intelligence based peptide ...

<https://www.sciencedirect.com/science/article/pii/S0925443920303264>

Jan 01, 2021 · An epidemic caused by COVID-19 in China turned into pandemic within a short duration affecting countries worldwide. Researchers and companies around the world are working on all the possible strategies to develop a curative or preventive strategy for the same, which includes vaccine development, **drug** repurposing, plasma therapy, and **drug** discovery based on **Artificial intelligence**.

Cited by: 1

Author: Ritika Kabra, Shailza Singh

Publish Year: 2021

An in silico deep learning approach to multi-epitope ...

<https://www.nature.com/articles/s41598-021-81749-9>

The rampant spread of COVID-19, an infectious disease caused by SARS-CoV-2, all over the world has