

DrugBank 5.0: a major update to the DrugBank database

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Unexplored therapeutic opportunities in the human genome. <i>Nature Reviews Drug Discovery</i> , 2018, 17, 317-332.	21.5	263
3	POAP: A GNU parallel based multithreaded pipeline of open babel and AutoDock suite for boosted high throughput virtual screening. <i>Computational Biology and Chemistry</i> , 2018, 74, 39-48.	1.1	60
4	Nanoparticles for Protein Sensing in Primary Containers: Interaction Analysis and Application. <i>AAPS PharmSciTech</i> , 2018, 19, 1672-1680.	1.5	1
5	Deep learning improves prediction of drug-drug and drug-food interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4304-E4311.	3.3	325
6	Identification of circadian clock modulators from existing drugs. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	61
7	Combining Similarity Searching and Network Analysis for the Identification of Active Compounds. <i>ACS Omega</i> , 2018, 3, 3768-3777.	1.6	10
8	Estimating environmental fate of tricyclic antidepressants in wastewater treatment plant. <i>Science of the Total Environment</i> , 2018, 634, 52-58.	3.9	24
9	Design of a tripartite network for the prediction of drug targets. <i>Journal of Computer-Aided Molecular Design</i> , 2018, 32, 321-330.	1.3	8
10	The hitchhiker's guide to the chemical-biological galaxy. <i>Drug Discovery Today</i> , 2018, 23, 565-574.	3.2	27
11	The 2018 Nucleic Acids Research database issue and the online molecular biology database collection. <i>Nucleic Acids Research</i> , 2018, 46, D1-D7.	6.5	106
12	A novel adaptive ensemble classification framework for ADME prediction. <i>RSC Advances</i> , 2018, 8, 11661-11683.	1.7	22
13	Big Data in Drug Discovery. <i>Progress in Medicinal Chemistry</i> , 2018, 57, 277-356.	4.1	36
15	Deciphering metabonomics biomarkers-targets interactions for psoriasis vulgaris by network pharmacology. <i>Annals of Medicine</i> , 2018, 50, 323-332.	1.5	10
16	Media pH and media type can significantly affect the reliability of <i>in vitro</i> copper tolerance assessments of <i>Pseudomonas syringae</i> pv. <i>tomato</i> . <i>Journal of Applied Microbiology</i> , 2018, 125, 216-226.	1.4	5
17	Pd-Catalyzed C-H aziridination of 3,3,5,5-tetrasubstituted piperazin-2-ones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 53-56.	1.5	5
18	A Model Integration Pipeline for the Improvement of Human Genome-Scale Metabolic Reconstructions. <i>Journal of Integrative Bioinformatics</i> , 2018, 16, .	1.0	4
19	Prediction of Drug-Disease Associations and Their Effects by Signed Network-Based Nonnegative Matrix Factorization. , 2018, , .		8
20	Near Field Communication-Based System For Bedside Contraindication Verification. , 2018, , .		0

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21	iDEP: an integrated web application for differential expression and pathway analysis of RNA-Seq data. BMC Bioinformatics, 2018, 19, 534.	1.2	803
22	Deep learning for predicting toxicity of chemicals: a mini review. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2018, 36, 252-271.	2.9	61
23	GenCoNet – A Graph Database for the Analysis of Comorbidities by Gene Networks. Journal of Integrative Bioinformatics, 2018, 15, .	1.0	10
24	Drug–target–disease network analysis of gene–phenotype connectivity for genistein in ovarian cancer. OncoTargets and Therapy, 2018, Volume 11, 8901-8908.	1.0	5
25	Predicting adverse drug reactions of combined medication from heterogeneous pharmacologic databases. BMC Bioinformatics, 2018, 19, 517.	1.2	18
26	Mechanistic insights into chloride ion detection from the atmospheric-pressure afterglow of an argon inductively coupled plasma. Journal of Analytical Atomic Spectrometry, 2018, 33, 1981-1992.	1.6	6
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28	A guide to maximizing the therapeutic potential of protein–polymer conjugates by rational design. Chemical Society Reviews, 2018, 47, 8998-9014.	18.7	95
29	Screening of cytochrome P450 3A4 inhibitors <i>via in silico</i> and <i>in vitro</i> approaches. RSC Advances, 2018, 8, 34783-34792.	1.7	16
30	Comparative modelling and virtual screening to discover potential competitive inhibitors targeting the 30s ribosomal subunit S2 and S9 in Acinetobacter baumannii. , 2018, , .		2
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33	Systemic neurotransmitter responses to clinically approved and experimental neuropsychiatric drugs. Nature Communications, 2018, 9, 4699.	5.8	13
34	3DÊled;printed Franz type diffusion cells. International Journal of Cosmetic Science, 2018, 40, 604-609.	1.2	7
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40	ANCO-GeneDB: annotations and comprehensive analysis of candidate genes for alcohol, nicotine, cocaine and opioid dependence. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	1.4	14
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42	Using laboratory incubations to predict the fate of pharmaceuticals in aquatic ecosystems. <i>Environmental Chemistry</i> , 2018, 15, 463.	0.7	5
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44	Identification of drug repurposing candidates based on a miRNA-mediated drug and pathway network for cardiac hypertrophy and acute myocardial infarction. <i>Human Genomics</i> , 2018, 12, 52.	1.4	6
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56	Paradigm Shift in Drug Re-purposing From Phenalenone to Phenaleno-Furanone to Combat Multi-Drug Resistant <i>Salmonella enterica</i> Serovar Typhi. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 402.	1.8	2

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58	Retrospective Side Effect Profiling of the Metastatic Melanoma Combination Therapy Ipilimumab-Nivolumab Using Adverse Event Data. <i>Diagnostics</i> , 2018, 8, 76.	1.3	23
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88	Tissue-specific Network Analysis of Genetic Variants Associated with Coronary Artery Disease. <i>Scientific Reports</i> , 2018, 8, 11492.	1.6	6
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1905	Synergistic anti-cancer action of salicylic acid and cisplatin on HeLa cells elucidated by network pharmacology and in vitro analysis. <i>Life Sciences</i> , 2021, 282, 119802.	2.0	8
1906	Soluble ligands as drug targets for treatment of inflammatory bowel disease. , 2021, 226, 107859.		10
1907	Targeting cathepsins: A potential link between COVID-19 and associated neurological manifestations. <i>Heliyon</i> , 2021, 7, e08089.	1.4	11
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1923	Molecular modelling and de novo fragment-based design of potential inhibitors of beta-tubulin gene of <i>Necator americanus</i> from natural products. <i>Informatics in Medicine Unlocked</i> , 2021, 26, 100734.	1.9	4
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1976	A Network Embedding-Based Method for Predicting miRNA-Disease Associations by Integrating Multiple Information. <i>Lecture Notes in Computer Science</i> , 2020, , 367-377.	1.0	1
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1978	Predicting Drug-Target Interactions by Node2vec Node Embedding in Molecular Associations Network. <i>Lecture Notes in Computer Science</i> , 2020, , 348-358.	1.0	5
1979	A Novel Computational Approach for Predicting Drug-Target Interactions via Network Representation Learning. <i>Lecture Notes in Computer Science</i> , 2020, , 481-492.	1.0	3
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1981	A Novel Computational Method for Predicting LncRNA-Disease Associations from Heterogeneous Information Network with SDNE Embedding Model. <i>Lecture Notes in Computer Science</i> , 2020, , 505-513.	1.0	4
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1986	Computational-aided design of a library of lactams through a diversity-oriented synthesis strategy. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115539.	1.4	8
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1993	Machine learning on drug-specific data to predict small molecule teratogenicity. <i>Reproductive Toxicology</i> , 2020, 95, 148-158.	1.3	18
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2005	Unmodified Rose Bengal photosensitizer conjugated with NaYF ₄ :Yb,Er upconverting nanoparticles for efficient photodynamic therapy. <i>Nanotechnology</i> , 2020, 31, 465101.	1.3	21
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2007	miRactDB characterizes miRNA-gene relation switch between normal and cancer tissues across pan-cancer. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	9
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2126	Improvement of Prediction Performance With Conjoint Molecular Fingerprint in Deep Learning. <i>Frontiers in Pharmacology</i> , 2020, 11, 606668.	1.6	29
2127	Drug Repurposing Approach against Novel Coronavirus Disease (COVID-19) through Virtual Screening Targeting SARS-CoV-2 Main Protease. <i>Biology</i> , 2021, 10, 2.	1.3	67
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