

Drug repositioning: identifying and developing new uses

Nature Reviews Drug Discovery

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Citation Report

#	ARTICLE	IF	CITATIONS
1	ecancermedalscience. Ecancermedalscience, 2014, 8, 442.	0.6	122
2	Public-private partnership: from there to here. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2005, 99, 9-14.	0.7	56
4	Finding New Tricks For Old Drugs: An Efficient Route For Public-Sector Drug Discovery. Nature Reviews Drug Discovery, 2005, 4, 1005-1014.	21.5	196
5	Chemical Tools for Indications Discovery. Annual Reports in Medicinal Chemistry, 2005, 40, 339-348.	0.5	6
6	A Magnetic Nanoprobe Technology for Detecting Molecular Interactions in Live Cells. Science, 2005, 309, 121-125.	6.0	147
7	Application of real options analysis for pharmaceutical R&D project valuation—Empirical results from a survey. Research Policy, 2006, 35, 343-354.	3.3	127
8	A role for fMRI in optimizing CNS drug development. Nature Reviews Drug Discovery, 2006, 5, 411-425.	21.5	205
10	Nelfinavir, A Lead HIV Protease Inhibitor, Is a Broad-Spectrum, Anticancer Agent that Induces Endoplasmic Reticulum Stress, Autophagy, and Apoptosis <i>In vitro</i> and <i>In vivo</i> . Clinical Cancer Research, 2007, 13, 5183-5194.	3.2	295
11	Enabling Technologies in Drug Discovery: The Technical and Cultural Integration of the New with the Old. , 2007, , 265-287.		3
12	Regulatory and Reimbursement Challenges for Molecular Imaging. Radiology, 2007, 245, 645-660.	3.6	34
13	Overview of Sources of New Drugs. , 2007, , 321-353.		0
14	Inhibition of Angiogenesis by the Antifungal Drug Itraconazole. ACS Chemical Biology, 2007, 2, 263-270.	1.6	173
15	The Intersection of Strategy and Drug Research. , 2007, , 1-84.		5
16	Introduction to Chemical Proteomics for Drug Discovery and Development. Archiv Der Pharmazie, 2007, 340, 169-177.	2.1	14
17	Pharmaceutical Strategy and Innovation: An Academics Perspective. ChemMedChem, 2007, 2, 768-788.	1.6	45
18	Inverse In Silico Screening for Identification of Kinase Inhibitor Targets. Chemistry and Biology, 2007, 14, 1207-1214.	6.2	80
19	New uses for old drugs. Nature, 2007, 448, 645-646.	13.7	891
20	Insights for the development of specific kinase inhibitors by targeted structural genomics. Drug Discovery Today, 2007, 12, 365-372.	3.2	60

#	ARTICLE	IF	CITATIONS
21	One targetâ€“multiple indications: a call for an integrated common mechanisms strategy. Drug Discovery Today, 2007, 12, 1025-1031.	3.2	20
22	Potential Inhibition of PDK1/Akt Signaling by Phenothiazines Suppresses Cancer Cell Proliferation and Survival. Annals of the New York Academy of Sciences, 2008, 1138, 393-403.	1.8	48
23	The role of users in innovation in the pharmaceutical industry. Drug Discovery Today, 2008, 13, 353-359.	3.2	43
24	Recent initiatives and strategies to developing new drugs for tropical parasitic diseases. Expert Opinion on Drug Discovery, 2008, 3, 173-186.	2.5	28
25	The prince and the pauper. A tale of anticancer targeted agents. Molecular Cancer, 2008, 7, 82.	7.9	73
26	Drug Target Identification Using Side-Effect Similarity. Science, 2008, 321, 263-266.	6.0	1,097
27	A Connection between the Mitochondrial Permeability Transition Pore, Autophagy, and Cerebral Amyloidogenesis. Journal of Proteome Research, 2008, 7, 2262-2269.	1.8	15
28	Look to the side (effects). Science-Business EXchange, 2008, 1, 618-618.	0.0	0
29	Refocussing therapeutic strategies for cardiac arrhythmias: defining viable molecular targets to restore cardiac ion flux. Expert Opinion on Therapeutic Patents, 2008, 18, 1-19.	2.4	16
30	SuperPred: drug classification and target prediction. Nucleic Acids Research, 2008, 36, W55-W59.	6.5	144
31	IDMap: facilitating the detection of potential leads with therapeutic targets. Bioinformatics, 2008, 24, 1413-1415.	1.8	34
32	What Does Systems Biology Mean for Drug Development?. Current Medicinal Chemistry, 2008, 15, 1520-1528.	1.2	67
33	Probabilistic Approaches in Activity Prediction. , 2008, , 182-216.		67
34	The Drug Discovery Business to Date. , 2008, , 1-52.		2
35	Procedure for Identification and Characterization of Drugs Efficient Against Mammalian Prion: From a Yeast-Based Antiprion Drug Screening Assay to In Vivo Mouse Models. Infectious Disorders - Drug Targets, 2009, 9, 31-39.	0.4	8
36	Combined Bezafibrate and Medroxyprogesterone Acetate: Potential Novel Therapy for Acute Myeloid Leukaemia. PLoS ONE, 2009, 4, e8147.	1.1	63
37	Drug Discovery Using Chemical Systems Biology: Identification of the Protein-Ligand Binding Network To Explain the Side Effects of CETP Inhibitors. PLoS Computational Biology, 2009, 5, e1000387.	1.5	232
38	Advancing Drug Innovation for Neglected Diseasesâ€”Criteria for Lead Progression. PLoS Neglected Tropical Diseases, 2009, 3, e440.	1.3	152

#	ARTICLE	IF	CITATIONS
40	Inferring novel disease indications for known drugs by semantically linking drug action and disease mechanism relationships. <i>BMC Bioinformatics</i> , 2009, 10, S4.	1.2	58
41	Human synthetic lethal inference as potential anti-cancer target gene detection. <i>BMC Systems Biology</i> , 2009, 3, 116.	3.0	45
42	Medicinal chemistry strategies in follow-on drug discovery. <i>Drug Discovery Today</i> , 2009, 14, 516-522.	3.2	40
43	A network medicine approach to human disease. <i>FEBS Letters</i> , 2009, 583, 1759-1765.	1.3	156
44	Targeting liver fibrosis: Strategies for development and validation of antifibrotic therapies. <i>Hepatology</i> , 2009, 50, 1294-1306.	3.6	268
45	Systematic Evaluation of Drug-Disease Relationships to Identify Leads for Novel Drug Uses. <i>Clinical Pharmacology and Therapeutics</i> , 2009, 86, 507-510.	2.3	237
46	The genome of the blood fluke <i>Schistosoma mansoni</i> . <i>Nature</i> , 2009, 460, 352-358.	13.7	945
47	Mechanisms of drug combinations: interaction and network perspectives. <i>Nature Reviews Drug Discovery</i> , 2009, 8, 111-128.	21.5	779
48	Multivalency-Assisted Control of Intracellular Signaling Pathways: Application for Ubiquitin-Dependent N-End Rule Pathway. <i>Chemistry and Biology</i> , 2009, 16, 121-131.	6.2	28
49	Atovaquone derivatives as potent cytotoxic and apoptosis inducing agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5091-5094.	1.0	21
50	Repurposing with a Difference. <i>Science</i> , 2009, 324, 1394-1395.	6.0	199
51	Drug repositioning using <i>in silico</i> compound profiling. <i>Future Medicinal Chemistry</i> , 2009, 1, 1723-1736.	1.1	27
52	Drug Discovery for Schistosomiasis: Hit and Lead Compounds Identified in a Library of Known Drugs by Medium-Throughput Phenotypic Screening. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e478.	1.3	195
54	The reformulation of Amphotericin B for oral administration to treat systemic fungal infections and visceral leishmaniasis. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 271-284.	2.4	41
55	Building a drug-target network and its applications. <i>Expert Opinion on Drug Discovery</i> , 2009, 4, 1177-1189.	2.5	24
56	Start Small and Stay Small: Minimizing Attrition in the Clinic with a Focus on CNS Therapeutics. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 1688-1704.	1.0	6
57	Drug Discovery in a Multidimensional World: Systems, Patterns, and Networks. <i>Journal of Cardiovascular Translational Research</i> , 2010, 3, 438-447.	1.1	59
58	Extraordinary Pricing of Orphan Drugs: Is it a Socially Responsible Strategy for the U.S. Pharmaceutical Industry?. <i>Journal of Business Ethics</i> , 2010, 94, 225-242.	3.7	28

#	ARTICLE	IF	CITATIONS
59	Schistosome genomes: a wealth of information. <i>Trends in Parasitology</i> , 2010, 26, 103-106.	1.5	26
60	From biomarker strategies to biomarker activities and back. <i>Drug Discovery Today</i> , 2010, 15, 121-126.	3.2	29
61	Epigenetic therapies for non-oncology indications. <i>Drug Discovery Today</i> , 2010, 15, 1008-1014.	3.2	30
62	Effect of Nitroxoline on Angiogenesis and Growth of Human Bladder Cancer. <i>Journal of the National Cancer Institute</i> , 2010, 102, 1855-1873.	3.0	95
63	Targeting of the Orphan Receptor GPR35 by Pamoic Acid: A Potent Activator of Extracellular Signal-Regulated Kinase and β^2 -Arrestin2 with Antinociceptive Activity. <i>Molecular Pharmacology</i> , 2010, 78, 560-568.	1.0	113
64	Exploiting Drug Repositioning for Discovery of a Novel HIV Combination Therapy. <i>Journal of Virology</i> , 2010, 84, 9301-9309.	1.5	85
65	A side effect resource to capture phenotypic effects of drugs. <i>Molecular Systems Biology</i> , 2010, 6, 343.	3.2	757
66	Repositioning of an existing drug for the neglected tropical disease Onchocerciasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3424-3429.	3.3	91
67	Literature Mining for the Discovery of Hidden Connections between Drugs, Genes and Diseases. <i>PLoS Computational Biology</i> , 2010, 6, e1000943.	1.5	138
68	Association Constants of Pyridine and Piperidine Alkaloids to Amyloid β Peptide Determined by Electrochemical Impedance Spectroscopy. <i>Current Alzheimer Research</i> , 2010, 7, 165-172.	0.7	28
69	Winning a Won Game: Caffeine Panacea for Obesity Syndemic. <i>Current Neuropharmacology</i> , 2010, 8, 149-160.	1.4	2
70	High-Content Drug Screening with Engineered Musculoskeletal Tissues. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 55-64.	2.5	87
72	Systems Biology Approaches and Tools for Analysis of Interactomes and Multi-target Drugs. <i>Methods in Molecular Biology</i> , 2010, 662, 29-58.	0.4	46
73	Anticipating drug side effects by comparative pharmacology. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2010, 6, 1253-1263.	1.5	47
74	Identification of Niclosamide as a New Small-Molecule Inhibitor of the STAT3 Signaling Pathway. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 454-459.	1.3	196
75	Linking molecular feature space and disease terms for the immunosuppressive drug rapamycin. <i>Molecular BioSystems</i> , 2011, 7, 2863.	2.9	2
76	Enhanced Antitumor Efficacy of Low-Dose Etoposide with Oncolytic Herpes Simplex Virus in Human Glioblastoma Stem Cell Xenografts. <i>Clinical Cancer Research</i> , 2011, 17, 7383-7393.	3.2	73
77	Design, Synthesis, and Biological Activities of Closantel Analogues: Structural Promiscuity and Its Impact on <i>Onchocerca volvulus</i> . <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3963-3972.	2.9	28

#	ARTICLE	IF	CITATIONS
78	theraTRACE [®] : a mechanism unbiased in vivo platform for phenotypic screening and drug repositioning. Drug Discovery Today: Therapeutic Strategies, 2011, 8, 89-95.	0.5	3
79	Cheminformatic/bioinformatic analysis of large corporate databases: Application to drug repurposing. Drug Discovery Today: Therapeutic Strategies, 2011, 8, 109-116.	0.5	38
80	Drug repurposing through nonhypothesis driven phenotypic screening. Drug Discovery Today: Therapeutic Strategies, 2011, 8, 85-88.	0.5	38
81	Drug repurposing from an academic perspective. Drug Discovery Today: Therapeutic Strategies, 2011, 8, 61-69.	0.5	240
82	Orphan/rare drug discovery through drug repositioning. Drug Discovery Today: Therapeutic Strategies, 2011, 8, 71-76.	0.5	27
83	Drug discovery and the use of computational approaches for infectious diseases. Future Medicinal Chemistry, 2011, 3, 1011-1025.	1.1	13
84	Computational tools for polypharmacology and repurposing. Future Medicinal Chemistry, 2011, 3, 961-968.	1.1	66
85	Molecular Mimicry-Based Repositioning of Nutlin-3 to Anti-Apoptotic Bcl-2 Family Proteins. Journal of the American Chemical Society, 2011, 133, 1244-1247.	6.6	36
86	Bethanechol and N-acetylcysteine mimic feeding signals and reverse insulin resistance in fasted and sucrose-induced diabetic rats. Canadian Journal of Physiology and Pharmacology, 2011, 89, 135-142.	0.7	13
88	Literature mining, ontologies and information visualization for drug repurposing. Briefings in Bioinformatics, 2011, 12, 357-368.	3.2	200
89	Exploiting drug-disease relationships for computational drug repositioning. Briefings in Bioinformatics, 2011, 12, 303-311.	3.2	448
90	Mining small-molecule screens to repurpose drugs. Briefings in Bioinformatics, 2011, 12, 327-335.	3.2	85
91	New era for drug discovery and development in renal disease. Nature Reviews Nephrology, 2011, 7, 469-477.	4.1	17
92	Repositioning chloroquine and metformin to eliminate cancer stem cell traits in pre-malignant lesions. Drug Resistance Updates, 2011, 14, 212-223.	6.5	58
93	Old friends in new guise: repositioning of known drugs with structural bioinformatics. Briefings in Bioinformatics, 2011, 12, 312-326.	3.2	136
94	Discovery and Preclinical Validation of Drug Indications Using Compendia of Public Gene Expression Data. Science Translational Medicine, 2011, 3, 96ra77.	5.8	708
95	The Future of Drug Repositioning. Annual Reports in Medicinal Chemistry, 2011, 46, 385-401.	0.5	29
96	Drug repositioning in the treatment of malaria and TB. Future Medicinal Chemistry, 2011, 3, 1413-1426.	1.1	73

#	ARTICLE	IF	CITATIONS
97	Drug repositioning for orphan diseases. <i>Briefings in Bioinformatics</i> , 2011, 12, 346-356.	3.2	191
98	Ionizing radiation-induced foci persistence screen to discover enhancers of accelerated senescence. <i>International Journal of High Throughput Screening</i> , 2011, 2, 1.	0.5	13
99	Drug Discovery for Duchenne Muscular Dystrophy via Utrophin Promoter Activation Screening. <i>PLoS ONE</i> , 2011, 6, e26169.	1.1	59
100	Rapid Analysis of Pharmacology for Infectious Diseases. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 1292-1300.	1.0	15
101	Integrating Virtual Screening and Combinatorial Chemistry for Accelerated Drug Discovery. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 475-487.	0.6	122
102	Impact of high-throughput screening in biomedical research. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 188-195.	21.5	1,010
103	In silico repositioning of approved drugs for rare and neglected diseases. <i>Drug Discovery Today</i> , 2011, 16, 298-310.	3.2	269
104	The role of translational bioinformatics in drug discovery. <i>Drug Discovery Today</i> , 2011, 16, 426-434.	3.2	51
105	Serological biochemical markers of surrogate efficacy and safety as a novel approach to drug repositioning. <i>Drug Discovery Today</i> , 2011, 16, 967-975.	3.2	14
106	Butamben derivatives enhance BMP-2-stimulated commitment of C2C12 cells into osteoblasts with induction of voltage-gated potassium channel expression. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 7363-7366.	1.0	4
107	Antiprotozoal activity of proton-pump inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 7351-7354.	1.0	34
109	Finding Promiscuous Old Drugs for New Uses. <i>Pharmaceutical Research</i> , 2011, 28, 1785-1791.	1.7	48
110	Topoisomerase inhibitors modulate expression of melanocytic antigens and enhance T cell recognition of tumor cells. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 133-144.	2.0	29
111	Therapeutic switching in leishmania chemotherapy: a distinct approach towards unsatisfied treatment needs. <i>Journal of Parasitic Diseases</i> , 2011, 35, 104-112.	0.4	20
112	A Systems Biology Strategy for Predicting Similarities and Differences of Drug Effects: Evidence for Drug-specific Modulation of Inflammation in Atherosclerosis. <i>BMC Systems Biology</i> , 2011, 5, 125.	3.0	16
113	Drug repurposing and adverse event prediction using high-throughput literature analysis. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2011, 3, 323-334.	6.6	100
114	Associating Drugs, Targets and Clinical Outcomes into an Integrated Network Affords a New Platform for Computer-Aided Drug Repurposing. <i>Molecular Informatics</i> , 2011, 30, 100-111.	1.4	100
115	Targeting Monoamine Oxidases with Multipotent Ligands: An Emerging Strategy in the Search of New Drugs Against Neurodegenerative Diseases. <i>Current Medicinal Chemistry</i> , 2011, 18, 4568-4587.	1.2	74

#	ARTICLE	IF	CITATIONS
116	Macromolecular Bases of Antischistosomal Therapy. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2012-2028.	1.0	19
117	Drug Repositioning on the Cloud. , 2011, , .		0
118	PROMISCUOUS: a database for network-based drug-repositioning. <i>Nucleic Acids Research</i> , 2011, 39, D1060-D1066.	6.5	203
119	A Bioluminogenic HDAC Activity Assay: Validation and Screening. <i>Journal of Biomolecular Screening</i> , 2011, 16, 1227-1235.	2.6	37
120	A Novel Two-Stage, Transdisciplinary Study Identifies Digoxin as a Possible Drug for Prostate Cancer Treatment. <i>Cancer Discovery</i> , 2011, 1, 68-77.	7.7	145
121	Raman Microscopy and Imaging in Pharmaceutical Applications. , 2011, , .		0
122	p73 as a Pharmaceutical Target for Cancer Therapy. <i>Current Pharmaceutical Design</i> , 2011, 17, 578-590.	0.9	33
123	Medication Repurposing: New Uses for Old Drugs. <i>Journal of Pharmacy Technology</i> , 2011, 27, 132-140.	0.5	5
124	DRAR-CPI: a server for identifying drug repositioning potential and adverse drug reactions via the chemicalâ€“protein interactome. <i>Nucleic Acids Research</i> , 2011, 39, W492-W498.	6.5	189
125	A Computational Approach to Finding Novel Targets for Existing Drugs. <i>PLoS Computational Biology</i> , 2011, 7, e1002139.	1.5	107
126	Exploring Off-Targets and Off-Systems for Adverse Drug Reactions via Chemical-Protein Interactome â€” Clozapine-Induced Agranulocytosis as a Case Study. <i>PLoS Computational Biology</i> , 2011, 7, e1002016.	1.5	93
127	Traditional Chinese Medicine-Based Network Pharmacology Could Lead to New Multicomponent Drug Discovery. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	81
128	Assessing Drug Target Association Using Semantic Linked Data. <i>PLoS Computational Biology</i> , 2012, 8, e1002574.	1.5	128
129	ProBiS-2012: web server and web services for detection of structurally similar binding sites in proteins. <i>Nucleic Acids Research</i> , 2012, 40, W214-W221.	6.5	79
130	Corifungin, a New Drug Lead against <i>Naegleria</i> , Identified from a High-Throughput Screen. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 5450-5457.	1.4	65
131	Drug Repurposing in Chemical Genomics: Can We Learn from the Past to Improve the Future?. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 1883-1888.	1.0	26
132	A Screening Assay to Identify Agents That Enhance T-Cell Recognition of Human Melanomas. <i>Assay and Drug Development Technologies</i> , 2012, 10, 187-201.	0.6	8
133	REPURPOSING PHARMACEUTICALS: DOES UNITED STATES INTELLECTUAL PROPERTY LAW AND REGULATORY POLICY ASSIGN SUFFICIENT VALUE TO NEW USE PATENTS?. <i>International Journal of Innovation Management</i> , 2012, 16, 1250016.	0.7	3

#	ARTICLE	IF	CITATIONS
134	A cell-based fascin bioassay identifies compounds with potential anti-metastasis or cognition-enhancing functions. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 217-35.	1.2	23
135	Repositioning HIV-1 Integrase Inhibitors for Cancer Therapeutics: 1,6-Naphthyridine-7-carboxamide as a Promising Scaffold with Drug-like Properties. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9492-9509.	2.9	46
136	An aggregation sensing reporter identifies leflunomide and teriflunomide as polyglutamine aggregate inhibitors. <i>Human Molecular Genetics</i> , 2012, 21, 664-680.	1.4	33
137	Drug repositioning for Alzheimer's disease. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 833-846.	21.5	239
138	Compound Collection Preparation for Virtual Screening. <i>Methods in Molecular Biology</i> , 2012, 910, 125-143.	0.4	6
139	Drug Repurposing and the Medicinal Chemist. <i>ACS Medicinal Chemistry Letters</i> , 2012, 3, 442-444.	1.3	73
140	Anticancer Drug Repositioning Against Tropical Diseases: The Example of Methotrexate in the Treatment of Malaria. , 2012, , 293-300.		0
141	New horizons for antiviral drug discovery from virus-host protein interaction networks. <i>Current Opinion in Virology</i> , 2012, 2, 606-613.	2.6	53
142	Conflicts of Interest, Institutional Corruption, and Pharma: An Agenda for Reform. <i>Journal of Law, Medicine and Ethics</i> , 2012, 40, 511-522.	0.4	40
143	Network medicine: linking disorders. <i>Human Genetics</i> , 2012, 131, 1811-1820.	1.8	31
144	A Network Approach for Computational Drug Repositioning. , 2012, , .		0
145	A new method for computational drug repositioning using drug pairwise similarity. , 2012, 2012, 1-4.		63
146	Drug repositioning for personalized medicine. <i>Genome Medicine</i> , 2012, 4, 27.	3.6	186
148	Target Identification by Chromatographic Co-elution: Monitoring of Drug-Protein Interactions without Immobilization or Chemical Derivatization. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.016642-1-M111.016642-14.	2.5	43
149	Toward a Semantic Framework for the Querying, Mining and Visualization of Cancer Microenvironment Data. <i>Lecture Notes in Computer Science</i> , 2012, , 109-123.	1.0	0
150	Shape-Based Reprofile of FDA-Approved Drugs for the H ₁ Histamine Receptor. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7054-7060.	2.9	31
151	Drug Repurposing: Far Beyond New Targets for Old Drugs. <i>AAPS Journal</i> , 2012, 14, 759-763.	2.2	212
152	A high-throughput drug screen for <i>Entamoeba histolytica</i> identifies a new lead and target. <i>Nature Medicine</i> , 2012, 18, 956-960.	15.2	290

#	ARTICLE	IF	CITATIONS
153	Exploring Polypharmacology Using a ROCS-Based Target Fishing Approach. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 492-505.	2.5	78
155	Histone deacetylase inhibitors as therapeutics for endometriosis. <i>Expert Review of Obstetrics and Gynecology</i> , 2012, 7, 451-466.	0.4	9
156	Gemcitabine is active against clinical multiresistant <i>Staphylococcus aureus</i> strains and is synergistic with gentamicin. <i>International Journal of Antimicrobial Agents</i> , 2012, 39, 444-447.	1.1	34
157	Applications of Connectivity Map in drug discovery and development. <i>Drug Discovery Today</i> , 2012, 17, 1289-1298.	3.2	208
158	Drug repositioning through incomplete bi-cliques in an integrated drug-“target”-disease network. <i>Integrative Biology (United Kingdom)</i> , 2012, 4, 778.	0.6	51
159	Matched Molecular Pair Analysis of Small Molecule Microarray Data Identifies Promiscuity Cliffs and Reveals Molecular Origins of Extreme Compound Promiscuity. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 10220-10228.	2.9	41
160	Drug Discovery in Africa. , 2012, , .		17
161	A NOVEL MULTI-MODAL DRUG REPURPOSING APPROACH FOR IDENTIFICATION OF POTENT ACK1 INHIBITORS. , 2012, , .		13
162	Drug Effect Prediction by Polypharmacology-Based Interaction Profiling. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 134-145.	2.5	57
166	Investigating drug repositioning opportunities in FDA drug labels through topic modeling. <i>BMC Bioinformatics</i> , 2012, 13, S6.	1.2	54
167	Prediction of Drug-Target Interactions and Drug Repositioning via Network-Based Inference. <i>PLoS Computational Biology</i> , 2012, 8, e1002503.	1.5	674
168	Identifying Novel Drug Indications through Automated Reasoning. <i>PLoS ONE</i> , 2012, 7, e40946.	1.1	16
169	Prediction of Chemical-Protein Interactions Network with Weighted Network-Based Inference Method. <i>PLoS ONE</i> , 2012, 7, e41064.	1.1	86
170	An Abundance of Rare Functional Variants in 202 Drug Target Genes Sequenced in 14,002 People. <i>Science</i> , 2012, 337, 100-104.	6.0	626
171	Predicting New Indications for Approved Drugs Using a Proteochemometric Method. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 6832-6848.	2.9	133
172	Prediction of chemical-“protein interactions: multitarget-QSAR versus computational chemogenomic methods. <i>Molecular BioSystems</i> , 2012, 8, 2373.	2.9	100
173	From protein interaction networks to novel therapeutic strategies. <i>IUBMB Life</i> , 2012, 64, 529-537.	1.5	37
174	A novel signal detection algorithm for identifying hidden drug-drug interactions in adverse event reports. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2012, 19, 79-85.	2.2	165

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175	Virtual Target Screening: Validation Using Kinase Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 2192-2203.	2.5	28
176	A pathway profile-based method for drug repositioning. <i>Science Bulletin</i> , 2012, 57, 2106-2112.	1.7	18
177	Nonprofit drugs as the salvation of the world's healthcare systems: the case of Antabuse (disulfiram). <i>Drug Discovery Today</i> , 2012, 17, 409-412.	3.2	93
178	Nicotinic acid induces antinociceptive and anti-inflammatory effects in different experimental models. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 101, 493-498.	1.3	20
179	Tetracyclines and pain. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012, 385, 225-241.	1.4	34
180	Phenotypic screens as a renewed approach for drug discovery. <i>Drug Discovery Today</i> , 2013, 18, 1067-1073.	3.2	363
181	Docking of a novel DNA methyltransferase inhibitor identified from high-throughput screening: insights to unveil inhibitors in chemical databases. <i>Molecular Diversity</i> , 2013, 17, 337-344.	2.1	20
182	Is a potential Alzheimer's therapy already in use for other conditions? Can medications for hypertension, diabetes and acne help with the symptoms?. <i>Expert Opinion on Investigational Drugs</i> , 2013, 22, 941-943.	1.9	8
183	Large-scale extraction of accurate drug-disease treatment pairs from biomedical literature for drug repurposing. <i>BMC Bioinformatics</i> , 2013, 14, 181.	1.2	92
184	Compensating for literature annotation bias when predicting novel drug-disease relationships through Medical Subject Heading Over-representation Profile (MeSHOP) similarity. <i>BMC Medical Genomics</i> , 2013, 6, S3.	0.7	10
185	Chemical informatics uncovers a new role for moexipril as a novel inhibitor of cAMP phosphodiesterase-4 (PDE4). <i>Biochemical Pharmacology</i> , 2013, 85, 1297-1305.	2.0	17
186	Polypharmacology – Foe or Friend?. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8955-8971.	2.9	399
187	Net present value approaches for drug discovery. <i>SpringerPlus</i> , 2013, 2, 140.	1.2	11
188	Structurally Conserved Binding Sites of Hemagglutinin as Targets for Influenza Drug and Vaccine Development. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 2423-2436.	2.5	16
189	Predicting Targeted Polypharmacology for Drug Repositioning and Multi-Target Drug Discovery. <i>Current Medicinal Chemistry</i> , 2013, 20, 1646-1661.	1.2	66
190	Experimental Confirmation of New Drug-Target Interactions Predicted by Drug Profile Matching. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8377-8388.	2.9	18
191	Has the time come for metronomics in low-income and middle-income countries?. <i>Lancet Oncology</i> , The, 2013, 14, e239-e248.	5.1	142
192	PyDPI: Freely Available Python Package for Chemoinformatics, Bioinformatics, and Chemogenomics Studies. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 3086-3096.	2.5	90

#	ARTICLE	IF	CITATIONS
193	Shaping the interaction landscape of bioactive molecules. <i>Bioinformatics</i> , 2013, 29, 3073-3079.	1.8	327
194	DrugMap Central: an on-line query and visualization tool to facilitate drug repositioning studies. <i>Bioinformatics</i> , 2013, 29, 1834-1836.	1.8	38
195	Rifampin inhibits Toll-like receptor 4 signaling by targeting myeloid differentiation protein 2 and attenuates neuropathic pain. <i>FASEB Journal</i> , 2013, 27, 2713-2722.	0.2	63
197	Pathway-based drug repositioning using causal inference. <i>BMC Bioinformatics</i> , 2013, 14, S3.	1.2	71
198	cudaMap: a GPU accelerated program for gene expression connectivity mapping. <i>BMC Bioinformatics</i> , 2013, 14, 305.	1.2	25
199	Drug repositioning as a route to anti-malarial drug discovery: preliminary investigation of the in vitro anti-malarial efficacy of emetine dihydrochloride hydrate. <i>Malaria Journal</i> , 2013, 12, 359.	0.8	40
200	Computational drug repositioning through heterogeneous network clustering. <i>BMC Systems Biology</i> , 2013, 7, S6.	3.0	111
201	Network-based analysis of vaccine-related associations reveals consistent knowledge with the vaccine ontology. <i>Journal of Biomedical Semantics</i> , 2013, 4, 33.	0.9	21
202	The Protein Kinase 2 Inhibitor CX-4945 Regulates Osteoclast and Osteoblast Differentiation In Vitro. <i>Molecules and Cells</i> , 2013, 36, 417-423.	1.0	22
203	Structure-based protein-protein interaction networks and drug design. <i>Quantitative Biology</i> , 2013, 1, 183-191.	0.3	7
204	CellFateScout – a bioinformatics tool for elucidating small molecule signaling pathways that drive cells in a specific direction. <i>Cell Communication and Signaling</i> , 2013, 11, 85.	2.7	3
205	Extensions to In Silico Bioactivity Predictions Using Pathway Annotations and Differential Pharmacology Analysis: Application to <i>Xenopus laevis</i> Phenotypic Readouts. <i>Molecular Informatics</i> , 2013, 32, 1009-1024.	1.4	13
206	Five Un-Easy Pieces of Pharmaceutical Policy Reform. <i>Journal of Law, Medicine and Ethics</i> , 2013, 41, 581-589.	0.4	14
207	On the origins of drug polypharmacology. <i>MedChemComm</i> , 2013, 4, 80-87.	3.5	124
208	Drug repositioning by structure-based virtual screening. <i>Chemical Society Reviews</i> , 2013, 42, 2130.	18.7	187
209	How Promiscuous Are Pharmaceutically Relevant Compounds? A Data-Driven Assessment. <i>AAPS Journal</i> , 2013, 15, 104-111.	2.2	32
210	Shifting from the single to the multitarget paradigm in drug discovery. <i>Drug Discovery Today</i> , 2013, 18, 495-501.	3.2	384
211	Amprenavir inhibits the migration in human hepatocarcinoma cell and the growth of xenografts. <i>Journal of Cellular Physiology</i> , 2013, 228, 640-645.	2.0	17

#	ARTICLE	IF	CITATIONS
212	Chemogenomics of allosteric binding sites in GPCRs. <i>Drug Discovery Today: Technologies</i> , 2013, 10, e307-e313.	4.0	8
213	Drug repurposing: a better approach for infectious disease drug discovery?. <i>Current Opinion in Immunology</i> , 2013, 25, 588-592.	2.4	71
214	A Drug Repositioning Approach Identifies Tricyclic Antidepressants as Inhibitors of Small Cell Lung Cancer and Other Neuroendocrine Tumors. <i>Cancer Discovery</i> , 2013, 3, 1364-1377.	7.7	366
215	The opposite effect of isotype-selective monoamine oxidase inhibitors on adipogenesis in human bone marrow mesenchymal stem cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3273-3276.	1.0	11
216	Activity of nicorandil, a nicotinamide derivative with a nitrate group, in the experimental model of pain induced by formaldehyde in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2013, 106, 85-90.	1.3	16
217	Metabolic stress in infected cells may represent a therapeutic target for human immunodeficiency virus infection. <i>Medical Hypotheses</i> , 2013, 81, 125-130.	0.8	6
218	Investigating Mammalian Tyrosine Phosphatase Inhibitors as Potential "Piggyback" Leads to Target <i>Trypanosoma brucei</i> Transmission. <i>Chemical Biology and Drug Design</i> , 2013, 81, 291-301.	1.5	5
219	Finding the targets of a drug by integration of gene expression data with a protein interaction network. <i>Molecular BioSystems</i> , 2013, 9, 1676.	2.9	59
220	Computational Drug Repositioning: From Data to Therapeutics. <i>Clinical Pharmacology and Therapeutics</i> , 2013, 93, 335-341.	2.3	321
221	Prediction of human genes and diseases targeted by xenobiotics using predictive toxicogenomic-derived models (PTDMs). <i>Molecular BioSystems</i> , 2013, 9, 1316.	2.9	28
222	Network-based drug repositioning. <i>Molecular BioSystems</i> , 2013, 9, 1268.	2.9	135
224	Transcriptional data: a new gateway to drug repositioning?. <i>Drug Discovery Today</i> , 2013, 18, 350-357.	3.2	209
225	In silico drug repositioning "what we need to know. <i>Drug Discovery Today</i> , 2013, 18, 110-115.	3.2	153
226	A chemistry wiki to facilitate and enhance compound design in drug discovery. <i>Drug Discovery Today</i> , 2013, 18, 141-147.	3.2	10
227	Structure-based drug design for hypoxia-inducible factor prolyl-hydroxylase inhibitors and its therapeutic potential for the treatment of erythropoiesis-stimulating agent-resistant anemia: raising expectations for exploratory clinical trials. <i>Expert Opinion on Drug Discovery</i> , 2013, 8, 965-976.	2.5	14
228	Cell-Based Drug Combination Screening with a Microfluidic Droplet Array System. <i>Analytical Chemistry</i> , 2013, 85, 6740-6747.	3.2	117
229	A Review: Treatment of Alzheimer's Disease Discovered in Repurposed Agents. <i>Dementia and Geriatric Cognitive Disorders</i> , 2013, 35, 1-22.	0.7	71
230	Activity of antimalarial drugs in vitro and in a murine model of cutaneous leishmaniasis. <i>Journal of Medical Microbiology</i> , 2013, 62, 1001-1010.	0.7	18

#	ARTICLE	IF	CITATIONS
231	Prediction of Polypharmacological Profiles of Drugs by the Integration of Chemical, Side Effect, and Therapeutic Space. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 753-762.	2.5	86
232	Network-Based Drug Ranking and Repositioning with Respect to DrugBank Therapeutic Categories. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2013, 10, 1359-1371.	1.9	36
233	Drug repurposing a reality: from computers to the clinic. <i>Expert Review of Clinical Pharmacology</i> , 2013, 6, 95-97.	1.3	28
234	Drug Repurposing Screen Reveals FDA-Approved Inhibitors of Human HMG-CoA Reductase and Isoprenoid Synthesis That Block <i>Cryptosporidium parvum</i> Growth. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 1804-1814.	1.4	113
235	Drug repositioning framework by incorporating functional information. <i>IET Systems Biology</i> , 2013, 7, 188-194.	0.8	7
236	Decoupling market incumbency from organizational prehistory: Locating the real sources of competitive advantage in R&D for radical innovation. <i>Strategic Management Journal</i> , 2013, 34, 245-255.	4.7	43
237	VisANT 4.0: Integrative network platform to connect genes, drugs, diseases and therapies. <i>Nucleic Acids Research</i> , 2013, 41, W225-W231.	6.5	123
238	Collections of Simultaneously Altered Genes as Biomarkers of Cancer Cell Drug Response. <i>Cancer Research</i> , 2013, 73, 1699-1708.	0.4	46
239	The anti-malarial chloroquine overcomes Primary resistance and restores sensitivity to Trastuzumab in HER2-positive breast cancer. <i>Scientific Reports</i> , 2013, 3, 2469.	1.6	97
240	Drug "target interaction" prediction through domain-tuned network-based inference. <i>Bioinformatics</i> , 2013, 29, 2004-2008.	1.8	146
241	Could repurposing existing drugs be an efficient protective method against microbial biologic threats?. <i>Future Microbiology</i> , 2013, 8, 951-952.	1.0	0
242	Teaching an Old Drug New Tricks: Can Paroxetine Ease the Burden of Cardiovascular Disease in Diabetes?. <i>Diabetes</i> , 2013, 62, 698-700.	0.3	7
243	Drugs in Search of Diseases. <i>Science Translational Medicine</i> , 2013, 5, 186fs18.	5.8	16
244	siRNA Genome Screening Approaches to Therapeutic Drug Repositioning. <i>Pharmaceuticals</i> , 2013, 6, 124-160.	1.7	25
245	Drug Repositioning: An Opportunity to Develop Novel Treatments for Alzheimer's Disease. <i>Pharmaceuticals</i> , 2013, 6, 1304-1321.	1.7	35
246	Systematic approach for analyzing drug combination by using target-enzyme distance. <i>Interdisciplinary Bio Central</i> , 2013, 5, 1-7.	0.1	0
247	Entourage: Visualizing Relationships between Biological Pathways using Contextual Subsets. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2013, 19, 2536-2545.	2.9	38
248	Compound-Protein Interaction Prediction Within Chemogenomics: Theoretical Concepts, Practical Usage, and Future Directions. <i>Molecular Informatics</i> , 2013, 32, 906-921.	1.4	17

#	ARTICLE	IF	CITATIONS
249	The Ethics of Intellectual Property Rights in an Era of Globalization. <i>Journal of Law, Medicine and Ethics</i> , 2013, 41, 841-851.	0.4	9
250	High-Throughput Methods for Combinatorial Drug Discovery. <i>Science Translational Medicine</i> , 2013, 5, 205rv1.	5.8	139
251	Characterization of Potential Drug Targets Farnesyl Diphosphate Synthase and Geranylgeranyl Diphosphate Synthase in <i>Schistosoma mansoni</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 5969-5976.	1.4	9
252	XIAP downregulation accompanies mebendazole growth inhibition in melanoma xenografts. <i>Anti-Cancer Drugs</i> , 2013, 24, 181-188.	0.7	46
253	Open-source approaches for the repurposing of existing or failed candidate drugs: learning from and applying the lessons across diseases. <i>Drug Design, Development and Therapy</i> , 2013, 7, 753.	2.0	63
254	An in vitro repositioning study reveals antifungal potential of chloroquine to inhibit growth and morphogenesis in <i>Candida albicans</i> . <i>Journal of General and Applied Microbiology</i> , 2013, 59, 167-170.	0.4	6
255	Using Literature-based Discovery to Identify Novel Therapeutic Approaches. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2013, 11, 14-24.	0.4	45
256	Genome-Scale Screening of Drug-Target Associations Relevant to Ki Using a Chemogenomics Approach. <i>PLoS ONE</i> , 2013, 8, e57680.	1.1	30
257	High Sensitivity of <i>Giardia duodenalis</i> to Tetrahydropyridazinone (Orlistat) In Vitro. <i>PLoS ONE</i> , 2013, 8, e71597.	1.1	23
258	A Systematic Screen of FDA-Approved Drugs for Inhibitors of Biological Threat Agents. <i>PLoS ONE</i> , 2013, 8, e60579.	1.1	223
259	Drug Repurposing: Translational Pharmacology, Chemistry, Computers and the Clinic. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 2328-2336.	1.0	20
260	Linked Clinical Trials – The Development of New Clinical Learning Studies in Parkinson's Disease Using Screening of Multiple Prospective New Treatments. <i>Journal of Parkinson's Disease</i> , 2013, 3, 231-239.	1.5	35
261	Prediction of Cancer Drugs by Chemical-Chemical Interactions. <i>PLoS ONE</i> , 2014, 9, e87791.	1.1	14
262	Discovery of Novel GPVI Receptor Antagonists by Structure-Based Repurposing. <i>PLoS ONE</i> , 2014, 9, e101209.	1.1	31
263	Systematic Repurposing Screening in Xenograft Models Identifies Approved Drugs with Novel Anti-Cancer Activity. <i>PLoS ONE</i> , 2014, 9, e101708.	1.1	9
264	Chemogenomics knowledgebased polypharmacology analyses of drug abuse related G-protein coupled receptors and their ligands. <i>Frontiers in Pharmacology</i> , 2014, 5, 3.	1.6	27
265	Inhibition of Protein Geranylgeranylation Specifically Interferes with CD40-Dependent B Cell Activation, Resulting in a Reduced Capacity To Induce T Cell Immunity. <i>Journal of Immunology</i> , 2014, 193, 5294-5305.	0.4	29
266	Oral erlotinib, but not rapamycin, causes modest acceleration of bladder and hindlimb recovery from spinal cord injury in rats. <i>Spinal Cord</i> , 2014, 52, 186-190.	0.9	6

#	ARTICLE	IF	CITATIONS
267	Pharmaceutical Lifecycle Extension Strategies. International Series in Quantitative Marketing, 2014, , 225-254.	0.5	3
268	Drug discovery in renal diseaseâ€”towards a more efficient framework. Nature Reviews Nephrology, 2014, 10, 290-296.	4.1	5
269	The Promotion of Data Sharing in Pharmacoepidemiology. European Journal of Health Law, 2014, 21, 271-296.	0.1	7
270	New Functions of Old Drugs: Aureolic Acid Group of Anti-Cancer Antibiotics and Non-Steroidal Anti-Inflammatory Drugs. , 2014, , 3-55.		4
271	Drug Repositioning Discovery for Early- and Late-Stage Non-Small-Cell Lung Cancer. BioMed Research International, 2014, 2014, 1-13.	0.9	6
272	Metronomics for thymic carcinoma. Ecancermedicalscience, 2014, 8, 494.	0.6	1
273	Semantic Breakthrough in Drug Discovery. Synthesis Lectures on the Semantic Web: Theory and Technology, 2014, 4, 1-142.	5.0	4
274	A chemo-centric view of human health and disease. Nature Communications, 2014, 5, 5676.	5.8	23
275	Identification of an old antibiotic clofocetol as a novel activator of unfolded protein response pathways and an inhibitor of prostate cancer. British Journal of Pharmacology, 2014, 171, 4478-4489.	2.7	27
276	Early repositioning through compound set enrichment analysis: a knowledge-recycling strategy. Future Medicinal Chemistry, 2014, 6, 563-575.	1.1	8
277	The functional therapeutic chemical classification system. Bioinformatics, 2014, 30, 876-883.	1.8	6
278	Repositioning drugs for inflammatory disease-fishing for new anti-inflammatory agents. DMM Disease Models and Mechanisms, 2014, 7, 1069-81.	1.2	37
279	In Silicotarget fishing: addressing a â€œBig Dataâ€•problem by ligand-based similarity rankings with data fusion. Journal of Cheminformatics, 2014, 6, 33.	2.8	48
280	Evidence based computational drug repositioning candidate screening pipeline design: Case Study. , 2014, , .		0
281	Biological insights into effective and antagonistic combinations of targeted agents with chemotherapy in solid tumors. Cancer and Metastasis Reviews, 2014, 33, 295-307.	2.7	5
282	Using VisANT to Analyze Networks. Current Protocols in Bioinformatics, 2014, 45, 8.8.1-39.	25.8	13
283	Drug repurposing and human parasitic protozoan diseases. International Journal for Parasitology: Drugs and Drug Resistance, 2014, 4, 95-111.	1.4	286
284	Structure-based repurposing of FDA-approved drugs as inhibitors of NEDD8-activating enzyme. Biochimie, 2014, 102, 211-215.	1.3	20

#	ARTICLE	IF	CITATIONS
285	Genome of the human hookworm <i>Necator americanus</i> . <i>Nature Genetics</i> , 2014, 46, 261-269.	9.4	166
286	Topiramate Use Does Not Reduce Flares of Inflammatory Bowel Disease. <i>Digestive Diseases and Sciences</i> , 2014, 59, 1535-1543.	1.1	25
287	Contributions from emerging transcriptomics technologies and computational strategies for drug discovery. <i>Investigational New Drugs</i> , 2014, 32, 1316-1319.	1.2	7
288	Toward Drug Repurposing in Epigenetics: Olsalazine as a Hypomethylating Compound Active in a Cellular Context. <i>ChemMedChem</i> , 2014, 9, 560-565.	1.6	67
289	One-step pipetting and assembly of encoded chemical-laden microparticles for high-throughput multiplexed bioassays. <i>Nature Communications</i> , 2014, 5, 3468.	5.8	62
290	Drug repurposing: mining protozoan proteomes for targets of known bioactive compounds. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 238-244.	2.2	26
291	Facing the Challenges of Structure-Based Target Prediction by Inverse Virtual Screening. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 1676-1686.	2.5	68
292	Drug Repositioning: Playing Dirty to Kill Pain. <i>CNS Drugs</i> , 2014, 28, 45-61.	2.7	34
293	Recent Developments in Drug Discovery for Leishmaniasis and Human African Trypanosomiasis. <i>Chemical Reviews</i> , 2014, 114, 11305-11347.	23.0	274
294	The Failings of Modern Medicine. <i>Explore: the Journal of Science and Healing</i> , 2014, 10, 345-349.	0.4	0
295	Drug repurposing and the prior art patents of competitors. <i>Drug Discovery Today</i> , 2014, 19, 1841-1847.	3.2	20
296	Predicting High-Throughput Screening Results With Scalable Literature-Based Discovery Methods. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2014, 3, 1-9.	1.3	24
297	Repurposing the Antihistamine Terfenadine for Antimicrobial Activity against <i>Staphylococcus aureus</i> . <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8540-8562.	2.9	40
298	Repurposing of approved drugs from the human pharmacopoeia to target <i>Wolbachia</i> endosymbionts of onchocerciasis and lymphatic filariasis. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2014, 4, 278-286.	1.4	57
299	Recycling Classical Drugs for Malaria. <i>Chemical Reviews</i> , 2014, 114, 11164-11220.	23.0	104
300	Naproxen Induces Cell-Cycle Arrest and Apoptosis in Human Urinary Bladder Cancer Cell Lines and Chemically Induced Cancers by Targeting PI3K. <i>Cancer Prevention Research</i> , 2014, 7, 236-245.	0.7	75
301	Repositioning of 2,4-Dichlorophenoxy acetic acid as a potential anti-inflammatory agent: In Silico and Pharmaceutical Formulation study. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 65, 130-138.	1.9	14
303	Systems Biology Brings New Dimensions for Structure-Based Drug Design. <i>Journal of the American Chemical Society</i> , 2014, 136, 11556-11565.	6.6	75

#	ARTICLE	IF	CITATIONS
304	EXPLORING COMPOUND PROMISCUITY PATTERNS AND MULTI-TARGET ACTIVITY SPACES. Computational and Structural Biotechnology Journal, 2014, 9, e201401003.	1.9	54
305	The Current State of Drug Discovery and a Potential Role for NMR Metabolomics. Journal of Medicinal Chemistry, 2014, 57, 5860-5870.	2.9	52
306	Repositioning therapy for thyroid cancer: new insights on established medications. Endocrine-Related Cancer, 2014, 21, R183-R194.	1.6	18
307	In silico identification of potential targets and drugs for non-small cell lung cancer. IET Systems Biology, 2014, 8, 56-66.	0.8	13
310	Mildronate improves cognition and reduces amyloid β pathology in transgenic Alzheimer's disease mice. Journal of Neuroscience Research, 2014, 92, 338-346.	1.3	8
311	Balancing novelty with confined chemical space in modern drug discovery. Expert Opinion on Drug Discovery, 2014, 9, 151-165.	2.5	47
312	Recent Approaches to Chemical Discovery and Development Against Malaria and the Neglected Tropical Diseases Human African Trypanosomiasis and Schistosomiasis. Chemical Reviews, 2014, 114, 11138-11163.	23.0	91
313	Identification of novel therapeutics for complex diseases from genome-wide association data. BMC Medical Genomics, 2014, 7, S8.	0.7	27
314	Drug repositioning by integrating target information through a heterogeneous network model. Bioinformatics, 2014, 30, 2923-2930.	1.8	284
315	Computational Prediction of Drug-Target Interactions Using Chemical, Biological, and Network Features. Molecular Informatics, 2014, 33, 669-681.	1.4	65
316	Toward better drug repositioning: prioritizing and integrating existing methods into efficient pipelines. Drug Discovery Today, 2014, 19, 637-644.	3.2	333
317	Discovery of two aminoglycoside antibiotics as inhibitors targeting the menin-mixed lineage leukaemia interface. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 2090-2093.	1.0	22
318	Metronomics: towards personalized chemotherapy?. Nature Reviews Clinical Oncology, 2014, 11, 413-431.	12.5	263
319	Polypharmacology rescored: Protein-ligand interaction profiles for remote binding site similarity assessment. Progress in Biophysics and Molecular Biology, 2014, 116, 174-186.	1.4	92
320	Drug repositioning from bench to bedside: Tumour remission by the antihelminthic drug mebendazole in refractory metastatic colon cancer. Acta Oncologica, 2014, 53, 427-428.	0.8	67
321	Reverse docking: a powerful tool for drug repositioning and drug rescue. Future Medicinal Chemistry, 2014, 6, 333-342.	1.1	106
322	Mianserin, an antidepressant kills Leishmania donovani by depleting ergosterol levels. Experimental Parasitology, 2014, 144, 84-90.	0.5	19
323	Structure-activity relationships of oxysterol-derived pharmacological chaperones for Niemann-Pick type C1 protein. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3480-3485.	1.0	20

#	ARTICLE	IF	CITATIONS
324	Drug reformulations and repositioning in the pharmaceutical industry and their impact on market access: regulatory implications. <i>Journal of Market Access & Health Policy</i> , 2014, 2, 22813.	0.8	24
326	Methods for biological data integration: perspectives and challenges. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150571.	1.5	196
327	Repurposing ebselen for treatment of multidrug-resistant staphylococcal infections. <i>Scientific Reports</i> , 2015, 5, 11596.	1.6	127
328	Network analysis of immunotherapy-induced regressing tumours identifies novel synergistic drug combinations. <i>Scientific Reports</i> , 2015, 5, 12298.	1.6	63
330	DMAP: a connectivity map database to enable identification of novel drug repositioning candidates. <i>BMC Bioinformatics</i> , 2015, 16, S4.	1.2	35
331	DT-Web: a web-based application for drug-target interaction and drug combination prediction through domain-tuned network-based inference. <i>BMC Systems Biology</i> , 2015, 9, S4.	3.0	38
332	A weighted and integrated drug-target interactome: drug repurposing for schizophrenia as a use case. <i>BMC Systems Biology</i> , 2015, 9, S2.	3.0	10
333	Target Fishing by Cross-Docking to Explain Polypharmacological Effects. <i>ChemMedChem</i> , 2015, 10, 1209-1217.	1.6	21
334	Tigecycline exerts an antitumoral effect in oral squamous cell carcinoma. <i>Oral Diseases</i> , 2015, 21, 558-564.	1.5	8
335	Repositioning Irsogladine to Hsp90 Inhibitor. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 1495-1499.	1.0	2
336	Identification of Orthologous Target Pairs with Shared Active Compounds and Comparison of Organism-Specific Activity Patterns. <i>Chemical Biology and Drug Design</i> , 2015, 86, 1105-1114.	1.5	2
337	Could the FDA-approved anti-HIV PR inhibitors be promising anticancer agents? An answer from enhanced docking approach and molecular dynamics analyses. <i>Drug Design, Development and Therapy</i> , 2015, 9, 6055.	2.0	6
338	An FDA-Drug Library Screen for Compounds with Bioactivities against Meticillin-Resistant <i>Staphylococcus aureus</i> (MRSA). <i>Antibiotics</i> , 2015, 4, 424-434.	1.5	16
339	Repositioning of Thiourea-Containing Drugs as Tyrosinase Inhibitors. <i>International Journal of Molecular Sciences</i> , 2015, 16, 28534-28548.	1.8	28
340	Repurposing celecoxib as a topical antimicrobial agent. <i>Frontiers in Microbiology</i> , 2015, 6, 750.	1.5	70
341	Estimating multivariate similarity between neuroimaging datasets with sparse canonical correlation analysis: an application to perfusion imaging. <i>Frontiers in Neuroscience</i> , 2015, 9, 366.	1.4	10
342	Computational and Experimental Advances in Drug Repositioning for Accelerated Therapeutic Stratification. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 5-20.	1.0	81
343	Checking the STEP-Associated Trafficking and Internalization of Glutamate Receptors for Reduced Cognitive Deficits: A Machine Learning Approach-Based Cheminformatics Study and Its Application for Drug Repurposing. <i>PLoS ONE</i> , 2015, 10, e0129370.	1.1	12

#	ARTICLE	IF	CITATIONS
344	Novel Phenotypic Outcomes Identified for a Public Collection of Approved Drugs from a Publicly Accessible Panel of Assays. PLoS ONE, 2015, 10, e0130796.	1.1	18
345	Guanabenz Treatment Accelerates Disease in a Mutant SOD1 Mouse Model of ALS. PLoS ONE, 2015, 10, e0135570.	1.1	64
346	A Semi-Supervised Approach for Refining Transcriptional Signatures of Drug Response and Repositioning Predictions. PLoS ONE, 2015, 10, e0139446.	1.1	39
347	Zonisamide Enhances Neurite Elongation of Primary Motor Neurons and Facilitates Peripheral Nerve Regeneration In Vitro and in a Mouse Model. PLoS ONE, 2015, 10, e0142786.	1.1	28
348	Multi-target pharmacology: possibilities and limitations of the "skeleton key approach" from a medicinal chemist perspective. Frontiers in Pharmacology, 2015, 6, 205.	1.6	250
349	Historeceptomic Fingerprints for Drug-Like Compounds. Frontiers in Physiology, 2015, 6, 371.	1.3	11
350	Prediction of Drug Indications Based on Chemical Interactions and Chemical Similarities. BioMed Research International, 2015, 2015, 1-14.	0.9	3
351	Matrix Factorization-Based Prediction of Novel Drug Indications by Integrating Genomic Space. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-9.	0.7	54
352	Network-Based Inference Methods for Drug Repositioning. Computational and Mathematical Methods in Medicine, 2015, 2015, 1-7.	0.7	63
353	A miRNA-Driven Inference Model to Construct Potential Drug-Disease Associations for Drug Repositioning. BioMed Research International, 2015, 2015, 1-9.	0.9	12
355	Computer-aided drug discovery. F1000Research, 2015, 4, 630.	0.8	49
357	Entrepreneurship in Off-Label Drug Prescription: Just What the Doctor Ordered!. SSRN Electronic Journal, 0, , .	0.4	3
358	The Substance of Entrepreneurship and the Entrepreneurship of Substances. SSRN Electronic Journal, 2015, , .	0.4	0
359	A screen of approved drugs and molecular probes identifies therapeutics with anti-Ebola virus activity. Science Translational Medicine, 2015, 7, 290ra89.	5.8	212
360	Drug repositioning and repurposing: terminology and definitions in literature. Drug Discovery Today, 2015, 20, 1027-1034.	3.2	229
361	Targeting the schizophrenia genome: a fast track strategy from GWAS to clinic. Molecular Psychiatry, 2015, 20, 820-826.	4.1	89
362	Effective heritable gene knockdown in zebrafish using synthetic microRNAs. Nature Communications, 2015, 6, 7378.	5.8	41
363	Delayed Imatinib Treatment for Acute Spinal Cord Injury: Functional Recovery and Serum Biomarkers. Journal of Neurotrauma, 2015, 32, 1645-1657.	1.7	16

#	ARTICLE	IF	CITATIONS
364	Repurposing medicinal compounds for blood cancer treatment. <i>Annals of Hematology</i> , 2015, 94, 1267-1276.	0.8	27
365	Discovery of antitubercular 2,4-diphenyl-1H-imidazoles from chemical library repositioning and rational design. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 44-49.	2.6	18
366	Targeting ion channels for cancer therapy by repurposing the approved drugs. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2747-2755.	1.4	75
367	Finding new scaffolds of JAK3 inhibitors in public database: 3D-QSAR models & shape-based screening. <i>Archives of Pharmacal Research</i> , 2015, 38, 2008-2019.	2.7	13
368	Targeting L-type amino acid transporter 1 for anticancer therapy: clinical impact from diagnostics to therapeutics. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1319-1337.	1.5	36
369	Antiepileptic Drugs Inhibit Growth, Dimorphism, and Biofilm Mode of Growth in Human Pathogen <i>Candida albicans</i> . <i>Assay and Drug Development Technologies</i> , 2015, 13, 307-312.	0.6	18
370	A new method for prioritizing drug repositioning candidates extracted by literature-based discovery. , 2015, , .		22
371	SRP: A concise non-parametric similarity-rank-based model for predicting drug-target interactions. , 2015, , .		13
372	Geranylgeranylacetone suppresses colitis-related mouse colon carcinogenesis. <i>Oncology Reports</i> , 2015, 33, 1769-1774.	1.2	6
373	Drug Repositioning Approaches for the Discovery of New Therapeutics for Alzheimer's Disease. <i>Neurotherapeutics</i> , 2015, 12, 132-142.	2.1	58
374	DrugNet: Network-based drug-disease prioritization by integrating heterogeneous data. <i>Artificial Intelligence in Medicine</i> , 2015, 63, 41-49.	3.8	175
375	Application of text mining in the biomedical domain. <i>Methods</i> , 2015, 74, 97-106.	1.9	150
376	Potential sonodynamic anticancer activities of artemether and liposome-encapsulated artemether. <i>Chemical Communications</i> , 2015, 51, 4681-4684.	2.2	39
377	In search of novel anti-inflammatory agents: Computational repositioning of approved drugs. <i>Journal of Computational Science</i> , 2015, 10, 217-224.	1.5	6
378	Optimized Chemical Proteomics Assay for Kinase Inhibitor Profiling. <i>Journal of Proteome Research</i> , 2015, 14, 1574-1586.	1.8	104
379	Systematic Drug Repositioning for a Wide Range of Diseases with Integrative Analyses of Phenotypic and Molecular Data. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 446-459.	2.5	63
380	Nonconventional chemical inhibitors of microRNA: therapeutic scope. <i>Chemical Communications</i> , 2015, 51, 820-831.	2.2	30
381	Todalazine Protects Zebrafish from Lethal Effects of Ionizing Radiation: Role of Hematopoietic Cell Expansion. <i>Zebrafish</i> , 2015, 12, 33-47.	0.5	12

#	ARTICLE	IF	CITATIONS
382	Rapid Cytolysis of Mycobacterium tuberculosis by Faropenem, an Orally Bioavailable β -Lactam Antibiotic. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1308-1319.	1.4	92
383	In Vitro Screening for Drug Repositioning. <i>Journal of Biomolecular Screening</i> , 2015, 20, 167-179.	2.6	53
384	Maximizing computational tools for successful drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 321-329.	2.5	52
385	Repurposing drugs in your medicine cabinet: untapped opportunities for cancer therapy?. <i>Future Oncology</i> , 2015, 11, 181-184.	1.1	43
386	Improving the Tuberculosis Drug Development Pipeline. <i>Chemical Biology and Drug Design</i> , 2015, 86, 951-960.	1.5	20
387	Drug Redeployment to Kill Leukemia and Lymphoma Cells by Disrupting SCD1-Mediated Synthesis of Monounsaturated Fatty Acids. <i>Cancer Research</i> , 2015, 75, 2530-2540.	0.4	48
388	Strategies for implementation of an effective pharmacogenomics program in pharmacy education. <i>Pharmacogenomics</i> , 2015, 16, 905-911.	0.6	20
389	Exploring the Existing Drug Space for Novel pTyr Mimetic and SHP2 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 782-786.	1.3	43
390	Nicotinic ligands as multifunctional agents for the treatment of neuropsychiatric disorders. <i>Biochemical Pharmacology</i> , 2015, 97, 388-398.	2.0	40
391	N-acetylcysteine prevents stress-induced anxiety behavior in zebrafish. <i>Pharmacology Biochemistry and Behavior</i> , 2015, 139, 121-126.	1.3	64
392	Hit Recycling: Discovery of a Potent Carbonic Anhydrase Inhibitor by <i>in Silico</i> Target Fishing. <i>ACS Chemical Biology</i> , 2015, 10, 1964-1969.	1.6	19
393	Novel insight into drug repositioning: Methylthiouracil as a case in point. <i>Pharmacological Research</i> , 2015, 99, 185-193.	3.1	16
394	Drug Repositioning for Diabetes Based on 'Omics' Data Mining. <i>PLoS ONE</i> , 2015, 10, e0126082.	1.1	74
395	Existing drugs and their application in drug discovery targeting cancer stem cells. <i>Archives of Pharmacal Research</i> , 2015, 38, 1617-1626.	2.7	21
396	PhenoPredict: A disease phenome-wide drug repositioning approach towards schizophrenia drug discovery. <i>Journal of Biomedical Informatics</i> , 2015, 56, 348-355.	2.5	30
398	Anti-protozoal and anti-bacterial antibiotics that inhibit protein synthesis kill cancer subtypes enriched for stem cell-like properties. <i>Cell Cycle</i> , 2015, 14, 3527-3532.	1.3	25
399	A ranking method for the concurrent learning of compounds with various activity profiles. <i>Journal of Cheminformatics</i> , 2015, 7, 2.	2.8	11
400	Cystic Fibrosis from Laboratory to Bedside: The Role of A20 in NF- κ B-Mediated Inflammation. <i>Medical Principles and Practice</i> , 2015, 24, 301-310.	1.1	12

#	ARTICLE	IF	CITATIONS
401	Developing models for cachexia and their implications in drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2015, 10, 743-752.	2.5	15
402	Potential therapeutic targets and the role of technology in developing novel antileishmanial drugs. <i>Drug Discovery Today</i> , 2015, 20, 958-968.	3.2	59
403	Mendelian Randomization: New Applications in the Coming Age of Hypothesis-Free Causality. <i>Annual Review of Genomics and Human Genetics</i> , 2015, 16, 327-350.	2.5	298
404	Computer-guided drug repurposing: Identification of trypanocidal activity of clofazimine, benidipine and saquinavir. <i>European Journal of Medicinal Chemistry</i> , 2015, 93, 338-348.	2.6	63
405	Intellectual Property and Innovation in Translational Medicine. , 2015, , 281-297.		2
406	Recognizing drug targets using evolutionary information: implications for repurposing FDA-approved drugs against <i>Mycobacterium tuberculosis</i> H37Rv. <i>Molecular BioSystems</i> , 2015, 11, 3316-3331.	2.9	20
407	An integrated structure- and system-based framework to identify new targets of metabolites and known drugs. <i>Bioinformatics</i> , 2015, 31, btv477.	1.8	15
408	Angiopreventive versus angiopromoting effects of allopurinol in the murine sponge model. <i>Microvascular Research</i> , 2015, 101, 118-126.	1.1	11
409	Reaching beyond HIV/HCV: nelfinavir as a potential starting point for broad-spectrum protease inhibitors against dengue and chikungunya virus. <i>RSC Advances</i> , 2015, 5, 85938-85949.	1.7	21
410	Repositioned alpha-1 adrenoceptor blockers as anti-tumor drugs. <i>Personalized Medicine Universe</i> , 2015, 4, 23-26.	0.1	0
411	Analogues of ethionamide, a drug used for multidrug-resistant tuberculosis, exhibit potent inhibition of tyrosinase. <i>European Journal of Medicinal Chemistry</i> , 2015, 106, 157-166.	2.6	32
412	Drug repurposing in oncologyâ€”patient and health systems opportunities. <i>Nature Reviews Clinical Oncology</i> , 2015, 12, 732-742.	12.5	247
413	Repurposing Registered Drugs as Antagonists for Protease-Activated Receptor 2. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 2079-2084.	2.5	10
414	PASS Targets: Ligand-based multi-target computational system based on a public data and naïve Bayes approach. <i>SAR and QSAR in Environmental Research</i> , 2015, 26, 783-793.	1.0	52
415	Validating drug repurposing signals using electronic health records: a case study of metformin associated with reduced cancer mortality. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2015, 22, 179-191.	2.2	178
416	Fighting disease with data. <i>Xrds</i> , 2015, 21, 28-33.	0.2	1
417	The antipsychotic aripiprazole induces antinociceptive effects: Possible role of peripheral dopamine D2 and serotonin 5-HT1A receptors. <i>European Journal of Pharmacology</i> , 2015, 765, 300-306.	1.7	21
418	In vitro anti-osteoclastogenic activity of p38 inhibitor doramapimod via inhibiting migration of pre-osteoclasts and NFATc1 activity. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 135-142.	1.1	13

#	ARTICLE	IF	CITATIONS
419	Target-Based Drug Repositioning Using Large-Scale Chemical-Protein Interactome Data. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 2717-2730.	2.5	52
420	Pioneering government-sponsored drug repositioning collaborations: progress and learning. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 833-841.	21.5	44
421	Discovery of Multitarget-Directed Ligands against Alzheimer's Disease through Systematic Prediction of Chemical-Protein Interactions. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 149-164.	2.5	95
422	Discovery of Novel SPAK Inhibitors That Block WNK Kinase Signaling to Cation Chloride Transporters. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 1525-1536.	3.0	61
423	Medical genetics-based drug repurposing for Alzheimer's disease. <i>Brain Research Bulletin</i> , 2015, 110, 26-29.	1.4	15
424	Designing of promiscuous inhibitors against pancreatic cancer cell lines. <i>Scientific Reports</i> , 2014, 4, 4668.	1.6	19
425	Virtual screening: An in silico tool for interlacing the chemical universe with the proteome. <i>Methods</i> , 2015, 71, 44-57.	1.9	47
426	Tools for in silico target fishing. <i>Methods</i> , 2015, 71, 98-103.	1.9	114
427	Reprofiling using a zebrafish melanoma model reveals drugs cooperating with targeted therapeutics. <i>Oncotarget</i> , 2016, 7, 40348-40361.	0.8	28
428	Cell-Based Assay Design for High-Content Screening of Drug Candidates. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 213-225.	0.9	72
429	On metabolic reprogramming and tumor biology: A comprehensive survey of metabolism in breast cancer. <i>Oncotarget</i> , 2016, 7, 67626-67649.	0.8	42
430	Repositioning Drugs for Systemic Lupus Erythematosus. , 2016, , 567-575.		2
431	Drug Repurposing Is a New Opportunity for Developing Drugs against Neuropsychiatric Disorders. <i>Schizophrenia Research and Treatment</i> , 2016, 2016, 1-12.	0.7	47
432	A Systematic Framework for Drug Repositioning from Integrated Omics and Drug Phenotype Profiles Using Pathway-Drug Network. <i>BioMed Research International</i> , 2016, 2016, 1-17.	0.9	39
433	Prioritizing Adverse Drug Reaction and Drug Repositioning Candidates Generated by Literature-Based Discovery. , 2016, , .		10
434	Cogena, a novel tool for co-expressed gene-set enrichment analysis, applied to drug repositioning and drug mode of action discovery. <i>BMC Genomics</i> , 2016, 17, 414.	1.2	62
435	Disulfiram's Anticancer Activity: Evidence and Mechanisms. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 1378-1384.	0.9	68
436	Microfluidic-Based Multi-Organ Platforms for Drug Discovery. <i>Micromachines</i> , 2016, 7, 162.	1.4	32

#	ARTICLE	IF	CITATIONS
437	Complementary Approaches to Existing Target Based Drug Discovery for Identifying Novel Drug Targets. <i>Biomedicines</i> , 2016, 4, 27.	1.4	23
438	A Second WNT for Old Drugs: Drug Repositioning against WNT-Dependent Cancers. <i>Cancers</i> , 2016, 8, 66.	1.7	52
439	An Integrated Data Driven Approach to Drug Repositioning Using Gene-Disease Associations. <i>PLoS ONE</i> , 2016, 11, e0155811.	1.1	39
440	Drug Repositioning through Systematic Mining of Gene Coexpression Networks in Cancer. <i>PLoS ONE</i> , 2016, 11, e0165059.	1.1	25
441	DenHunt - A Comprehensive Database of the Intricate Network of Dengue-Human Interactions. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004965.	1.3	23
442	Prediction of Candidate Drugs for Treating Pancreatic Cancer by Using a Combined Approach. <i>PLoS ONE</i> , 2016, 11, e0149896.	1.1	6
443	Profitability and Market Value of Orphan Drug Companies: A Retrospective, Propensity-Matched Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0164681.	1.1	39
444	Evaluation of the Activity of Lamivudine and Zidovudine against Ebola Virus. <i>PLoS ONE</i> , 2016, 11, e0166318.	1.1	28
445	Non-clinical studies required for new drug development - Part I: early in silico and in vitro studies, new target discovery and validation, proof of principles and robustness of animal studies. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, e5644.	0.7	55
446	Inhibition of wnt/ β -catenin Signaling in Hepatocellular Carcinoma by an Antipsychotic Drug Pimozide. <i>International Journal of Biological Sciences</i> , 2016, 12, 768-775.	2.6	50
447	Repositioning of anti-viral drugs as therapy for cervical cancer. <i>Pharmacological Reports</i> , 2016, 68, 983-989.	1.5	16
448	Discovery of New Potential Anti-Infective Compounds Based on Carbonic Anhydrase Inhibitors by Rational Target-Focused Repurposing Approaches. <i>ChemMedChem</i> , 2016, 11, 1904-1914.	1.6	49
449	RE:fine drugs™: an interactive dashboard to access drug repurposing opportunities. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw083.	1.4	41
450	Inverse Virtual Screening in Drug Repositioning: Detailed Investigation and Case Studies. , 2016, , 71-83.		2
451	Real Options and Incremental Search in Pharmaceutical & D Project Portfolio Management. <i>Creativity and Innovation Management</i> , 2016, 25, 292-302.	1.9	9
452	Biotin-targeted Pluronic $\text{P}123/\text{F}127$ mixed micelles delivering niclosamide: A repositioning strategy to treat drug-resistant lung cancer cells. <i>International Journal of Pharmaceutics</i> , 2016, 511, 127-139.	2.6	71
453	Fluvoxamine, an anti-depressant, inhibits human glioblastoma invasion by disrupting actin polymerization. <i>Scientific Reports</i> , 2016, 6, 23372.	1.6	40
454	Can commonly prescribed drugs be repurposed for the prevention or treatment of Alzheimer's and other neurodegenerative diseases? Protocol for an observational cohort study in the UK Clinical Practice Research Datalink. <i>BMJ Open</i> , 2016, 6, e012044.	0.8	10

#	ARTICLE	IF	CITATIONS
456	Integrating Clinical Phenotype and Gene Expression Data to Prioritize Novel Drug Uses. CPT: Pharmacometrics and Systems Pharmacology, 2016, 5, 599-607.	1.3	7
457	Revisiting Repurposing. Assay and Drug Development Technologies, 2016, 14, 554-556.	0.6	18
458	Repositioning compounds from cancer drug discovery to IPF: PI3K inhibition. Thorax, 2016, 71, 675-676.	2.7	6
459	Mining Online Heterogeneous Healthcare Networks for Drug Repositioning. , 2016, , .		4
460	Predict drug permeability to blood-brain-barrier from clinical phenotypes: drug side effects and drug indications. Bioinformatics, 2017, 33, 901-908.	1.8	61
461	Image-based compound profiling reveals a dual inhibitor of tyrosine kinase and microtubule polymerization. Scientific Reports, 2016, 6, 25095.	1.6	7
462	Repositioning of a cyclin-dependent kinase inhibitor GW8510 as a ribonucleotide reductase M2 inhibitor to treat human colorectal cancer. Cell Death Discovery, 2016, 2, 16027.	2.0	40
463	A novel assay for screening inhibitors targeting HIV-1 integrase dimerization based on Ni-NTA magnetic agarose beads. Scientific Reports, 2016, 6, 25375.	1.6	3
464	Repositioning organohalogen drugs: a case study for identification of potent B-Raf V600E inhibitors via docking and bioassay. Scientific Reports, 2016, 6, 31074.	1.6	27
465	The neuroimmune transcriptome and alcohol dependence: potential for targeted therapies. Pharmacogenomics, 2016, 17, 2081-2096.	0.6	29
466	Computational Drug Repositioning Using Continuous Self-Controlled Case Series. , 2016, 2016, 491-500.		11
467	Computational Drug Networks: a computational approach to elucidate drug mode of action and to facilitate drug repositioning for neurodegenerative diseases. Drug Discovery Today: Disease Models, 2016, 19, 11-17.	1.2	5
468	The art and science of the drug discovery pipeline. , 0, , 1-16.		1
469	Clinical trial failures and drug repositioning. , 0, , 171-181.		1
470	Drug targets prediction using chemical similarity. , 2016, , .		5
471	Plumbagin exerts an immunosuppressive effect on human T-cell acute lymphoblastic leukemia MOLT-4 cells. Biochemical and Biophysical Research Communications, 2016, 473, 272-277.	1.0	15
472	Leveraging MapReduce to efficiently extract associations between biomedical concepts from large text data. Microprocessors and Microsystems, 2016, 46, 202-210.	1.8	9
473	Repurposing drugs for treatment of tuberculosis: a role for non-steroidal anti-inflammatory drugs. British Medical Bulletin, 2016, 118, 138-148.	2.7	63

#	ARTICLE	IF	CITATIONS
474	Low-molecular weight heparin protamine complex augmented the potential of adipose-derived stromal cells to ameliorate limb ischemia. <i>Atherosclerosis</i> , 2016, 249, 132-139.	0.4	14
475	The anthelmintic niclosamide inhibits colorectal cancer cell lines via modulation of the canonical and noncanonical Wnt signaling pathway. <i>Journal of Surgical Research</i> , 2016, 203, 193-205.	0.8	29
476	The evolution of drug discovery: from phenotypes to targets, and back. <i>MedChemComm</i> , 2016, 7, 788-798.	3.5	31
477	Angiotensin II type 1 receptor blocker telmisartan induces apoptosis and autophagy in adult Tâ€œcell leukemia cells. <i>FEBS Open Bio</i> , 2016, 6, 442-460.	1.0	34
478	New Role for FDA-Approved Drugs in Combating Antibiotic-Resistant Bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3717-3729.	1.4	38
479	Structure and mapping of spontaneous mutational sites of PyrR from <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 409-415.	1.0	5
480	Predicting Unknown Interactions Between Known Drugs and Targets via Matrix Completion. <i>Lecture Notes in Computer Science</i> , 2016, , 591-604.	1.0	4
481	Drug repositioning based on comprehensive similarity measures and Bi-Random walk algorithm. <i>Bioinformatics</i> , 2016, 32, 2664-2671.	1.8	311
482	Repurposing strategies for tropical disease drug discovery. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2569-2576.	1.0	83
483	Literature-based discovery of new candidates for drug repurposing. <i>Briefings in Bioinformatics</i> , 2017, 18, bbw030.	3.2	53
484	Drug Repurposing for Epigenetic Targets Guided by Computational Methods. , 2016, , 327-357.		19
485	Bioinformatics and Orphan Diseases. <i>Translational Bioinformatics</i> , 2016, , 313-338.	0.0	0
486	Molecular Modeling and Chemoinformatics to Advance the Development of Modulators of Epigenetic Targets. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 105, 1-26.	1.0	6
487	Linking Technologies to Applications â€œ Insights from Online Markets for Technology. <i>Advances in Strategic Management</i> , 2016, , 285-317.	0.1	4
488	Repositioning of bromocriptine for treatment of acute myeloid leukemia. <i>Journal of Translational Medicine</i> , 2016, 14, 261.	1.8	18
489	The Importance of Drug Repurposing in the Field of Antiepileptic Drug Development. <i>Methods in Pharmacology and Toxicology</i> , 2016, , 365-377.	0.1	1
490	Potential of l -thyroxine to differentiate osteoblast-like cells via Angiopoietin1. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1409-1415.	1.0	7
491	Anti-inflammatory effects of dabrafenib on polyphosphate-mediated vascular disruption. <i>Chemico-Biological Interactions</i> , 2016, 256, 266-273.	1.7	5

#	ARTICLE	IF	CITATIONS
492	Repurposing antipsychotics as glioblastoma therapeutics: Potentials and challenges. <i>Oncology Letters</i> , 2016, 11, 1281-1286.	0.8	50
493	In silico drug repositioning for the treatment of Alzheimer's disease using molecular docking and gene expression data. <i>RSC Advances</i> , 2016, 6, 98080-98090.	1.7	15
494	Albendazole as a promising molecule for tumor control. <i>Redox Biology</i> , 2016, 10, 90-99.	3.9	65
495	Pleiotropic mechanisms of action of perhexiline in heart failure. <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 1049-1059.	2.4	16
496	Repurposing FDA-approved drugs for anti-aging therapies. <i>Biogerontology</i> , 2016, 17, 907-920.	2.0	31
497	Drug repositioning in SLE: crowd-sourcing, literature-mining and Big Data analysis. <i>Lupus</i> , 2016, 25, 1150-1170.	0.8	46
498	PEGylated chitosan nanoparticles potentiate repurposing of ormeloxifene in breast cancer therapy. <i>Nanomedicine</i> , 2016, 11, 2147-2169.	1.7	29
499	Scoring multiple features to predict drug disease associations using information fusion and aggregation. <i>SAR and QSAR in Environmental Research</i> , 2016, 27, 609-628.	1.0	27
500	Pharmacological α 2K activation promotes cell death and inhibits cancer progression. <i>EMBO Reports</i> , 2016, 17, 1471-1484.	2.0	32
501	Using the Ranking-Based KNN Approach for Drug Repositioning Based on Multiple Information. <i>Lecture Notes in Computer Science</i> , 2016, , 317-327.	1.0	1
502	Synthesis and Antimicrobial Activity of Nitrobenzyl-oxy-phenol Derivatives. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1888-1892.	0.6	6
503	Monitoring cancer prognosis, diagnosis and treatment efficacy using metabolomics and lipidomics. <i>Metabolomics</i> , 2016, 12, 146.	1.4	92
504	Identifying and Tackling Emergent Vulnerability in Drug-Resistant Mycobacteria. <i>ACS Infectious Diseases</i> , 2016, 2, 592-607.	1.8	34
505	Potential Reuse of Oncology Drugs in the Treatment of Rare Diseases. <i>Trends in Pharmacological Sciences</i> , 2016, 37, 843-857.	4.0	18
506	Comparing Drug Images and Repurposing Drugs with BioGPS and FLAPdock: The Thymidylate Synthase Case. <i>ChemMedChem</i> , 2016, 11, 1653-1666.	1.6	21
507	Tumor deconstruction as a tool for advanced drug screening and repositioning. <i>Pharmacological Research</i> , 2016, 111, 815-819.	3.1	2
508	Computational approaches for innovative antiepileptic drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2016, 11, 1001-1016.	2.5	13
509	Pharmacokinetics and Pharmacogenetics of Metronomics. , 2016, , 189-207.		0

#	ARTICLE	IF	CITATIONS
510	Identification of Mitotic Blockers by Phenotypic Screening of a Clinical Compound Library. Bulletin of the Korean Chemical Society, 2016, 37, 1942-1946.	1.0	0
511	Forces influencing generic drug development in the United States: a narrative review. Journal of Pharmaceutical Policy and Practice, 2016, 9, 26.	1.1	13
512	Discovery of a Carbazole-Derived Lead Drug for Human African Trypanosomiasis. Scientific Reports, 2016, 6, 32083.	1.6	27
513	ZikaVR: An Integrated Zika Virus Resource for Genomics, Proteomics, Phylogenetic and Therapeutic Analysis. Scientific Reports, 2016, 6, 32713.	1.6	49
514	Repurposing clinically approved cephalosporins for tuberculosis therapy. Scientific Reports, 2016, 6, 34293.	1.6	66
515	Computational Methods for Integration of Biological Data. Europeanization and Globalization, 2016, , 137-178.	0.1	2
516	Drug repositioning. International Journal of Epilepsy, 2016, 03, 091-094.	0.5	19
517	A human genome-wide loss-of-function screen identifies effective chikungunya antiviral drugs. Nature Communications, 2016, 7, 11320.	5.8	72
518	Identification of Potential Therapeutics to Conquer Drug Resistance in Salmonella typhimurium: Drug Repurposing Strategy. BioDrugs, 2016, 30, 593-605.	2.2	17
519	Prediction of new drug indications based on clinical data and network modularity. Scientific Reports, 2016, 6, 32530.	1.6	39
520	DPDR-CPI, a server that predicts Drug Positioning and Drug Repositioning via Chemical-Protein Interactome. Scientific Reports, 2016, 6, 35996.	1.6	27
521	Repositioning Clofazimine as a Macrophage-Targeting Photoacoustic Contrast Agent. Scientific Reports, 2016, 6, 23528.	1.6	29
522	Drug Repurposing Hypothesis Generation Using the "RE:fine Drugs" System. Journal of Visualized Experiments, 2016, , .	0.2	2
523	Inferring new indications for approved drugs via random walk on drug-disease heterogenous networks. BMC Bioinformatics, 2016, 17, 539.	1.2	72
524	Drug-target interaction prediction via class imbalance-aware ensemble learning. BMC Bioinformatics, 2016, 17, 509.	1.2	88
525	<i>in silico</i> methods for drug repurposing and pharmacology. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2016, 8, 186-210.	6.6	250
526	Luteolin Impacts on the DNA Damage Pathway in Oral Squamous Cell Carcinoma. Nutrition and Cancer, 2016, 68, 838-847.	0.9	18
527	Impact and Challenges of Chemoinformatics in Drug Discovery. , 2016, , 141-152.		0

#	ARTICLE	IF	CITATIONS
528	Phenotypic Assessment and the Discovery of Topiramate. ACS Medicinal Chemistry Letters, 2016, 7, 662-665.	1.3	16
529	Prediction of drugs having opposite effects on disease genes in a directed network. BMC Systems Biology, 2016, 10, 2.	3.0	21
530	Can repurposing of existing drugs provide more effective therapies for invasive fungal infections?. Expert Opinion on Pharmacotherapy, 2016, 17, 1179-1182.	0.9	14
531	Drug Repurposing Screening Identifies Novel Compounds That Effectively Inhibit Toxoplasma gondii Growth. MSphere, 2016, 1, .	1.3	70
532	Individualized network-based drug repositioning infrastructure for precision oncology in the panomics era. Briefings in Bioinformatics, 2016, 18, bbw051.	3.2	57
533	Inflammatory pathway network-based drug repositioning and molecular phenomics. Molecular BioSystems, 2016, 12, 2777-2784.	2.9	6
534	Integrative methods for analyzing big data in precision medicine. Proteomics, 2016, 16, 741-758.	1.3	149
535	Metformin: A candidate for the treatment of gynecological tumors based on drug repositioning. Oncology Letters, 2016, 11, 1287-1293.	0.8	29
536	In silico methods to address polypharmacology: current status, applications and future perspectives. Drug Discovery Today, 2016, 21, 288-298.	3.2	180
537	Tetracycline hydrochloride: A potential clinical drug for radioprotection. Chemico-Biological Interactions, 2016, 245, 90-99.	1.7	16
538	Repositioning of drugs using open-access data portal DTome: A test case with probenecid (Review). International Journal of Molecular Medicine, 2016, 37, 3-10.	1.8	11
539	Learning from successes and failures in pharmaceutical R&D. Journal of Evolutionary Economics, 2016, 26, 271-290.	0.8	14
540	Orphan Drugs and Potential Novel Approaches for Therapies of β^2 -Thalassemia: Current Status and Future Expectations. Expert Opinion on Orphan Drugs, 2016, 4, 299-315.	0.5	2
541	Gasotransmitters in cancer: from pathophysiology to experimental therapy. Nature Reviews Drug Discovery, 2016, 15, 185-203.	21.5	484
542	Droplet-based microfluidics in drug discovery, transcriptomics and high-throughput molecular genetics. Lab on A Chip, 2016, 16, 1314-1331.	3.1	295
543	Discovery of novel polyamine analogs with anti-protozoal activity by computer guided drug repositioning. Journal of Computer-Aided Molecular Design, 2016, 30, 305-321.	1.3	39
544	The Second Insubria Autumn School on Neuroimmune Pharmacology: Repurposing Established Drugs for Novel Indications. Journal of NeuroImmune Pharmacology, 2016, 11, 214-226.	2.1	3
545	Repurposing Drugs to Target the Diabetes Epidemic. Trends in Pharmacological Sciences, 2016, 37, 379-389.	4.0	38

#	ARTICLE	IF	CITATIONS
546	Anti-norovirus therapeutics: a patent review (2010-2015). Expert Opinion on Therapeutic Patents, 2016, 26, 297-308.	2.4	9
547	Nelfinavir targets multiple drug resistance mechanisms to increase the efficacy of doxorubicin in MCF-7/Dox breast cancer cells. Biochimie, 2016, 124, 53-64.	1.3	39
548	Photo-cross-linked small-molecule affinity matrix as a tool for target identification of bioactive small molecules. Natural Product Reports, 2016, 33, 709-718.	5.2	29
549	Repositioning Bevacizumab: A Promising Therapeutic Strategy for Cartilage Regeneration. Tissue Engineering - Part B: Reviews, 2016, 22, 341-357.	2.5	8
550	Repositioning "old" drugs for new causes: identifying new inhibitors of prostate cancer cell migration and invasion. Clinical and Experimental Metastasis, 2016, 33, 385-399.	1.7	21
551	Drug Repurposing for the Development of Novel Analgesics. Trends in Pharmacological Sciences, 2016, 37, 172-183.	4.0	43
552	Systems Immunology. , 2016, , 3-44.		0
553	PPAR γ Antagonist Gleevec Improves Insulin Sensitivity and Promotes the Browning of White Adipose Tissue. Diabetes, 2016, 65, 829-839.	0.3	80
554	Effects of the nicotinic agonist varenicline on the performance of tasks of cognition in aged and middle-aged rhesus and pigtail monkeys. Psychopharmacology, 2016, 233, 761-771.	1.5	21
555	Microfluidics for cell-based high throughput screening platforms" A review. Analytica Chimica Acta, 2016, 903, 36-50.	2.6	216
556	Teicoplanin inhibits Ebola pseudovirus infection in cell culture. Antiviral Research, 2016, 125, 1-7.	1.9	58
557	Combinatorial therapeutic activation with heparin and AICAR stimulates additive effects on utrophin A expression in dystrophic muscles. Human Molecular Genetics, 2016, 25, 24-43.	1.4	54
558	How does the partner type in R&D alliances impact technological innovation performance? A study on the Korean biotechnology industry. Asia Pacific Journal of Management, 2016, 33, 141-164.	2.9	41
559	The effects of DL- α -butylphthalide in patients with vascular cognitive impairment without dementia caused by subcortical ischemic small vessel disease: A multicentre, randomized, double-blind, placebo-controlled trial. Alzheimer's and Dementia, 2016, 12, 89-99.	0.4	99
560	Targeted treatment for bacterial infections: prospects for pathogen-specific antibiotics coupled with rapid diagnostics. Tetrahedron, 2016, 72, 3609-3624.	1.0	76
561	Drug"target interaction prediction: databases, web servers and computational models. Briefings in Bioinformatics, 2016, 17, 696-712.	3.2	496
562	Repurposing auranofin as an antifungal: <i>in vitro</i> activity against a variety of medically important fungi. Virulence, 2017, 8, 138-142.	1.8	75
563	Pharmacophore-Based Repositioning of Approved Drugs as Novel <i>Staphylococcus aureus</i> NorA Efflux Pump Inhibitors. Journal of Medicinal Chemistry, 2017, 60, 1598-1604.	2.9	59

#	ARTICLE	IF	CITATIONS
565	4-Hydroxyphenylpyruvate Dioxygenase and Its Inhibition in Plants and Animals: Small Molecules as Herbicides and Agents for the Treatment of Human Inherited Diseases. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 4101-4125.	2.9	89
566	<i>In vitro</i> activity of the antiasthmatic drug zafirlukast against the oral pathogens <i>Porphyromonas gingivalis</i> and <i>Streptococcus mutans</i> . <i>FEMS Microbiology Letters</i> , 2017, 364, fnx005.	0.7	15
567	Construction of an miRNA-regulated drug-pathway network reveals drug repurposing candidates for myasthenia gravis. <i>International Journal of Molecular Medicine</i> , 2017, 39, 268-278.	1.8	13
568	Human iPSC-Derived Neural Progenitors Are an Effective Drug Discovery Model for Neurological mtDNA Disorders. <i>Cell Stem Cell</i> , 2017, 20, 659-674.e9.	5.2	126
569	Zebrafish models in neuropsychopharmacology and CNS drug discovery. <i>British Journal of Pharmacology</i> , 2017, 174, 1925-1944.	2.7	137
570	Non-steroidal Anti-inflammatory Drugs Are Caspase Inhibitors. <i>Cell Chemical Biology</i> , 2017, 24, 281-292.	2.5	64
571	Transcriptomic profiling of human hippocampal progenitor cells treated with antidepressants and its application in drug repositioning. <i>Journal of Psychopharmacology</i> , 2017, 31, 338-345.	2.0	16
572	A screening strategy for the discovery of drugs that reduce C/EBP β -LIP translation with potential calorie restriction mimetic properties. <i>Scientific Reports</i> , 2017, 7, 42603.	1.6	12
573	ProBiS tools (algorithm, database, and web servers) for predicting and modeling of biologically interesting proteins. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 128, 24-32.	1.4	18
574	Computational Discovery of Niclosamide Ethanolamine, a Repurposed Drug Candidate That Reduces Growth of Hepatocellular Carcinoma Cells <i>In Vitro</i> and in Mice by Inhibiting Cell Division Cycle 37 Signaling. <i>Gastroenterology</i> , 2017, 152, 2022-2036.	0.6	81
575	Anti-trypanosomatid drug discovery: an ongoing challenge and a continuing need. <i>Nature Reviews Microbiology</i> , 2017, 15, 217-231.	13.6	315
576	Why calpain inhibitors are interesting leading compounds to search for new therapeutic options to treat leishmaniasis?. <i>Parasitology</i> , 2017, 144, 117-123.	0.7	20
577	Affordable orphan drugs: a role for not-for-profit organizations. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1595-1601.	1.1	36
578	Anti-inflammatory effects of dabrafenib <i>in vitro</i> and <i>in vivo</i> . <i>Canadian Journal of Physiology and Pharmacology</i> , 2017, 95, 697-707.	0.7	7
579	A chemical genomics approach to drug reprofiling in oncology: Antipsychotic drug risperidone as a potential adenocarcinoma treatment. <i>Cancer Letters</i> , 2017, 393, 16-21.	3.2	31
580	Synergistic effects of vancomycin and β -lactams against vancomycin highly resistant <i>Staphylococcus aureus</i> . <i>Journal of Antibiotics</i> , 2017, 70, 771-774.	1.0	15
581	Bioinformatics approach to prioritize known drugs towards repurposing for tuberculosis. <i>Medical Hypotheses</i> , 2017, 103, 39-45.	0.8	16
582	Accelerating Precision Drug Development and Drug Repurposing by Leveraging Human Genetics. <i>Assay and Drug Development Technologies</i> , 2017, 15, 113-119.	0.6	30

#	ARTICLE	IF	CITATIONS
583	Translational Research in Drug Discovery and Development. <i>Translational Medicine Research</i> , 2017, , 55-87.	0.0	2
584	An update on the use of <i>C. elegans</i> for preclinical drug discovery: screening and identifying anti-infective drugs. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 625-633.	2.5	34
585	Analysis of Informative Features for Negative Selection in Protein Function Prediction. <i>Lecture Notes in Computer Science</i> , 2017, , 267-276.	1.0	2
586	Design strategies of oxidosqualene cyclase inhibitors: Targeting the sterol biosynthetic pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 171, 305-317.	1.2	13
587	Using genetics to inform new therapeutics for diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , 2017, 12, 159-169.	1.2	0
588	Anti-hyperalgesic effect of <i>Lippia grata</i> leaf essential oil complexed with Î²-cyclodextrin in a chronic musculoskeletal pain animal model: Complemented with a molecular docking and antioxidant screening. <i>Biomedicine and Pharmacotherapy</i> , 2017, 91, 739-747.	2.5	25
589	Computational drug repositioning using collaborative filtering via multi-source fusion. <i>Expert Systems With Applications</i> , 2017, 84, 281-289.	4.4	33
590	Probing the action of a novel anti-leukaemic drug therapy at the single cell level using modern vibrational spectroscopy techniques. <i>Scientific Reports</i> , 2017, 7, 2649.	1.6	28
591	Effect of statins on blood pressure: Analysis on adverse events released by FDA. <i>Clinical and Experimental Hypertension</i> , 2017, 39, 325-329.	0.5	12
592	Discovery of alkyl bis(oxy)dibenzimidamide derivatives as novel protein arginine methyltransferase 1 (PRMT1) inhibitors. <i>Chemical Biology and Drug Design</i> , 2017, 90, 1260-1270.	1.5	15
593	Bioinformatics in translational drug discovery. <i>Bioscience Reports</i> , 2017, 37, .	1.1	68
594	Large-scale data-driven integrative framework for extracting essential targets and processes from disease-associated gene data sets. <i>Briefings in Bioinformatics</i> , 2018, 19, 1141-1152.	3.2	8
596	Network mirroring for drug repositioning. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 55.	1.5	18
597	Large-Scale Prediction of Drug-Target Interaction: a Data-Centric Review. <i>AAPS Journal</i> , 2017, 19, 1264-1275.	2.2	39
598	High-content drug screening for rare diseases. <i>Journal of Inherited Metabolic Disease</i> , 2017, 40, 601-607.	1.7	38
599	A combinatorial screen of the CLOUD uncovers a synergy targeting the androgen receptor. <i>Nature Chemical Biology</i> , 2017, 13, 771-778.	3.9	39
600	The Src/c-Abl pathway is a potential therapeutic target in amyotrophic lateral sclerosis. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	182
601	Micro-RNA-130a-3p Regulates Gemcitabine Resistance via PPARC in Cholangiocarcinoma. <i>Annals of Surgical Oncology</i> , 2017, 24, 2344-2352.	0.7	34

#	ARTICLE	IF	CITATIONS
602	Link prediction in drug-target interactions network using similarity indices. <i>BMC Bioinformatics</i> , 2017, 18, 39.	1.2	92
603	A structure- and chemical genomics-based approach for repositioning of drugs against VCP/p97 ATPase. <i>Scientific Reports</i> , 2017, 7, 44912.	1.6	25
604	Drug repositioning based on triangularly balanced structure for tissue-specific diseases in incomplete interactome. <i>Artificial Intelligence in Medicine</i> , 2017, 77, 53-63.	3.8	43
605	Past, Current, and Future Developments of Therapeutic Agents for Treatment of Chronic Hepatitis B Virus Infection. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6461-6479.	2.9	72
606	Imatinib and spironolactone suppress hepcidin expression. <i>Haematologica</i> , 2017, 102, 1173-1184.	1.7	23
607	Entering the "big data"™ era in medicinal chemistry: molecular promiscuity analysis revisited. <i>Future Science OA</i> , 2017, 3, FSO179.	0.9	53
608	Synergistic drug combinations for cancer identified in a CRISPR screen for pairwise genetic interactions. <i>Nature Biotechnology</i> , 2017, 35, 463-474.	9.4	408
609	Elucidating the modes of action for bioactive compounds in a cell-specific manner by large-scale chemically-induced transcriptomics. <i>Scientific Reports</i> , 2017, 7, 40164.	1.6	50
610	New agents in HSC mobilization. <i>International Journal of Hematology</i> , 2017, 105, 141-152.	0.7	42
611	Virtual screening and experimental validation identify novel modulators of nuclear receptor RXR α from Drugbank database. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1055-1061.	1.0	10
612	Novel Targets in Drug Discovery. , 2017, , 617-632.		1
613	Repurposing Toremifene for Treatment of Oral Bacterial Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	25
614	Synergistic drug combinations from electronic health records and gene expression. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, 565-576.	2.2	9
615	VB-MK-LMF: fusion of drugs, targets and interactions using variational Bayesian multiple kernel logistic matrix factorization. <i>BMC Bioinformatics</i> , 2017, 18, 440.	1.2	27
616	Predicting new drug indications from network analysis. <i>International Journal of Modern Physics C</i> , 2017, 28, 1750118.	0.8	2
617	Mycophenolic mofetil, an alternative antiviral and immunomodulator for the highly pathogenic avian influenza H5N1 virus infection. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 298-304.	1.0	15
618	Therapeutic Approaches for Zika Virus Infection of the Nervous System. <i>Neurotherapeutics</i> , 2017, 14, 1027-1048.	2.1	25
619	Activated Microglia Targeting Dendrimer α -Minocycline Conjugate as Therapeutics for Neuroinflammation. <i>Bioconjugate Chemistry</i> , 2017, 28, 2874-2886.	1.8	77

#	ARTICLE	IF	CITATIONS
620	Antiseptic effects of dabrafenib on TGFBIp-induced septic responses. <i>Chemico-Biological Interactions</i> , 2017, 278, 92-100.	1.7	2
621	Discovery of novel BET inhibitors by drug repurposing of nitroxoline and its analogues. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9352-9361.	1.5	34
622	Modern Approaches in Cancer Pharmacology. , 2017, , 31-43.		0
623	Prostaglandin E1 and Its Analog Misoprostol Inhibit Human CML Stem Cell Self-Renewal via EP4 Receptor Activation and Repression of AP-1. <i>Cell Stem Cell</i> , 2017, 21, 359-373.e5.	5.2	40
624	Uncovering novel repositioning opportunities using the Open Targets platform. <i>Drug Discovery Today</i> , 2017, 22, 1800-1807.	3.2	16
625	Small-Molecule Potentiators for Conventional Antibiotics against <i>Staphylococcus aureus</i> . <i>ACS Infectious Diseases</i> , 2017, 3, 780-796.	1.8	28
626	Computational Cell Cycle Profiling of Cancer Cells for Prioritizing FDA-Approved Drugs with Repurposing Potential. <i>Scientific Reports</i> , 2017, 7, 11261.	1.6	27
627	Atorvastatin repurposing for the treatment of cryptosporidiosis in experimentally immunosuppressed mice. <i>Experimental Parasitology</i> , 2017, 181, 57-69.	0.5	24
628	Discovery of novel therapeutic properties of drugs from transcriptional responses based on multi-label classification. <i>Scientific Reports</i> , 2017, 7, 7136.	1.6	15
629	The iron chelating agent, deferoxamine detoxifies Fe(Salen)-induced cytotoxicity. <i>Journal of Pharmacological Sciences</i> , 2017, 134, 203-210.	1.1	42
630	Repurposing AM404 for the treatment of oral infections by <i>Porphyromonas gingivalis</i> . <i>Clinical and Experimental Dental Research</i> , 2017, 3, 69-76.	0.8	8
631	Pharmacology and drug development in rare diseases: the attractiveness and expertise of the French medical pharmacology. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 685-694.	1.0	8
632	Discovery of dapivirine, a nonnucleoside HIV-1 reverse transcriptase inhibitor, as a broad-spectrum antiviral against both influenza A and B viruses. <i>Antiviral Research</i> , 2017, 145, 103-113.	1.9	26
633	Strategies for Tackling Drug Resistance in Tuberculosis. , 2017, , 89-112.		1
634	Random walk with restart: A powerful network propagation algorithm in Bioinformatics field. , 2017, , .		9
637	How good are publicly available web services that predict bioactivity profiles for drug repurposing?. SAR and QSAR in Environmental Research, 2017, 28, 843-862.	1.0	51
638	Middle East Respiratory Syndrome and Severe Acute Respiratory Syndrome: Current Therapeutic Options and Potential Targets for Novel Therapies. <i>Drugs</i> , 2017, 77, 1935-1966.	4.9	156
639	New insight for pharmacogenomics studies from the transcriptional analysis of two large-scale cancer cell line panels. <i>Scientific Reports</i> , 2017, 7, 15126.	1.6	7

#	ARTICLE	IF	CITATIONS
640	Targeting tumor cells based on Phosphodiesterase 3A expression. <i>Experimental Cell Research</i> , 2017, 361, 308-315.	1.2	21
641	Lessons Learned from Two Decades of Anticancer Drugs. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 852-872.	4.0	74
642	Unlocking the potential of established products: toward new incentives rewarding innovation in Europe. <i>Journal of Market Access & Health Policy</i> , 2017, 5, 1298190.	0.8	13
643	Predicting anatomic therapeutic chemical classification codes using tiered learning. <i>BMC Bioinformatics</i> , 2017, 18, 266.	1.2	11
644	Sorafenib tosylate inhibits directly necrosome complex formation and protects in mouse models of inflammation and tissue injury. <i>Cell Death and Disease</i> , 2017, 8, e2904-e2904.	2.7	69
645	LC-ESI-MS/MS evaluation of forced degradation behaviour of silodosin: In vitro anti cancer activity evaluation of silodosin and major degradation products. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 1-10.	1.4	12
646	Macromolecular Prodrugs of Ribavirin: Structure-Function Correlation as Inhibitors of Influenza Infectivity. <i>Molecular Pharmaceutics</i> , 2017, 14, 234-241.	2.3	14
647	An Integrative Drug Repurposing Pipeline: Switching Viral Drugs to Breast Cancer. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 1412-1422.	1.2	10
648	Using Big Data to Discover Diagnostics and Therapeutics for Gastrointestinal and Liver Diseases. <i>Gastroenterology</i> , 2017, 152, 53-67.e3.	0.6	61
649	Simvastatin-Induced Apoptosis in Osteosarcoma Cells: A Key Role of RhoA-AMPK/p38 MAPK Signaling in Antitumor Activity. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 182-192.	1.9	70
650	Transcriptomics and Epigenomics. , 2017, , 235-272.		3
651	Considerations for the design and execution of protocols for animal research and treatment to improve reproducibility and standardization: "DEPART well-prepared and ARRIVE safely", <i>Osteoarthritis and Cartilage</i> , 2017, 25, 354-363.	0.6	37
652	Common medications and prostate cancer mortality: a review. <i>World Journal of Urology</i> , 2017, 35, 875-882.	1.2	15
653	Poly lactic-co-glycolic acid controlled delivery of disulfiram to target liver cancer stem-like cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 641-657.	1.7	68
654	Design of efficient computational workflows for in silico drug repurposing. <i>Drug Discovery Today</i> , 2017, 22, 210-222.	3.2	139
655	Graph query algebra and visual proximity rules for biological pathway exploration. <i>Information Visualization</i> , 2017, 16, 217-231.	1.2	1
656	Exploiting Electronic Health Records to Mine Drug Effects on Laboratory Test Results. , 2017, , .		5
657	Mendelian randomization: a novel approach for the prediction of adverse drug events and drug repurposing opportunities. <i>International Journal of Epidemiology</i> , 2017, 46, 2078-2089.	0.9	123

#	ARTICLE	IF	CITATIONS
658	A Case Study of Leveraging High-Throughput Distributed Message Queue System for Many-Task Computing on Hadoop. , 2017, , .		2
659	Computational platform Way2Drug: from the prediction of biological activity to drug repurposing. Russian Chemical Bulletin, 2017, 66, 1832-1841.	0.4	60
660	New Therapeutic Uses for Existing Drugs. Advances in Experimental Medicine and Biology, 2017, 1031, 233-247.	0.8	15
662	Suramin increases cartilage proteoglycan accumulation in vitro and protects against joint damage triggered by papain injection in mouse knees in vivo. RMD Open, 2017, 3, e000604.	1.8	11
664	Drug Repurposing of the Anthelmintic Niclosamide to Treat Multidrug-Resistant Leukemia. Frontiers in Pharmacology, 2017, 8, 110.	1.6	38
665	Buspirone Counteracts MK-801-Induced Schizophrenia-Like Phenotypes through Dopamine D3 Receptor Blockade. Frontiers in Pharmacology, 2017, 8, 710.	1.6	24
666	Drug Repositioning of Proton Pump Inhibitors for Enhanced Efficacy and Safety of Cancer Chemotherapy. Frontiers in Pharmacology, 2017, 8, 911.	1.6	55
667	Innovative approaches to treat <i>Staphylococcus aureus</i> biofilm-related infections. Essays in Biochemistry, 2017, 61, 61-70.	2.1	29
668	Design, Synthesis and Biological Evaluation of 2-(2-Amino-5(6)-nitro-1H-benzimidazol-1-yl)-N-arylacetamides as Antiprotozoal Agents. Molecules, 2017, 22, 579.	1.7	9
669	Drug Repurposing Review. , 2017, , 11-47.		5
670	Drug discovery. , 2017, , 281-420.		1
671	SDTRLs: Predicting Drug-Target Interactions for Complex Diseases Based on Chemical Substructures. Complexity, 2017, 2017, 1-10.	0.9	15
672	Systematic integration of biomedical knowledge prioritizes drugs for repurposing. ELife, 2017, 6, .	2.8	333
673	Integrated Computational Analysis of Genes Associated with Human Hereditary Insensitivity to Pain. A Drug Repurposing Perspective. Frontiers in Molecular Neuroscience, 2017, 10, 252.	1.4	10
674	Giving Drugs a Second Chance: Overcoming Regulatory and Financial Hurdles in Repurposing Approved Drugs As Cancer Therapeutics. Frontiers in Oncology, 2017, 7, 273.	1.3	189
675	Synthesis and Experimental Validation of New Designed Heterocyclic Compounds with Antiproliferative Activity versus Breast Cancer Cell Lines MCF-7 and MDA-MB-231. Journal of Chemistry, 2017, 2017, 1-10.	0.9	4
676	Antifungal Resistance, Metabolic Routes as Drug Targets, and New Antifungal Agents: An Overview about Endemic Dimorphic Fungi. Mediators of Inflammation, 2017, 2017, 1-16.	1.4	53
677	Using Drugs as Molecular Probes: A Computational Chemical Biology Approach in Neurodegenerative Diseases. Journal of Alzheimer's Disease, 2017, 56, 677-686.	1.2	14

#	ARTICLE	IF	CITATIONS
678	Innate immune cells and bacterial infection in zebrafish. <i>Methods in Cell Biology</i> , 2017, 138, 31-60.	0.5	24
679	The moderating role of absorptive capacity and the differential effects of acquisitions and alliances on Big Pharma firms' innovation performance. <i>PLoS ONE</i> , 2017, 12, e0172488.	1.1	22
680	Cyclobenzaprine Raises ROS Levels in <i>Leishmania infantum</i> and Reduces Parasite Burden in Infected Mice. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005281.	1.3	19
681	MD-Miner: a network-based approach for personalized drug repositioning. <i>BMC Systems Biology</i> , 2017, 11, 86.	3.0	14
682	A systematic analysis of FDA-approved anticancer drugs. <i>BMC Systems Biology</i> , 2017, 11, 87.	3.0	235
683	Predicting drug-disease interactions by semi-supervised graph cut algorithm and three-layer data integration. <i>BMC Medical Genomics</i> , 2017, 10, 79.	0.7	23
684	Identification and characterization of the antiplasmodial activity of Hsp90 inhibitors. <i>Malaria Journal</i> , 2017, 16, 292.	0.8	17
685	Drug repurposing for the treatment of glioblastoma multiforme. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 169.	3.5	58
686	An integrated meta-analysis approach to identifying medications with potential to alter breast cancer risk through connectivity mapping. <i>BMC Bioinformatics</i> , 2017, 18, 581.	1.2	5
688	Pharmacological approach for drug repositioning against cardiorenal diseases. <i>Journal of Medical Investigation</i> , 2017, 64, 197-201.	0.2	10
689	Integration of phytochemicals and phytotherapy into cancer precision medicine. <i>Oncotarget</i> , 2017, 8, 50284-50304.	0.8	72
690	Drug repurposing for antivirulence therapy against opportunistic bacterial pathogens. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 13-22.	1.1	24
691	Colchicine attenuates renal fibrosis in a murine unilateral ureteral obstruction model. <i>Molecular Medicine Reports</i> , 2017, 15, 4169-4175.	1.1	6
692	The combination astemizole–gefitinib as a potential therapy for human lung cancer. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 5795-5803.	1.0	14
693	From Off-Label to Repurposed Drug in Non-Oncological Rare Diseases: Definition and State of the Art in Selected EU Countries. <i>Medicine Access Point of Care</i> , 2017, 1, maapoc.0000016.	1.0	3
694	Combination therapy in combating cancer. <i>Oncotarget</i> , 2017, 8, 38022-38043.	0.8	1,471
695	Simvastatin enhances the radiosensitivity of p53âdeficient cells via inhibition of mouse double minute 2 homolog. <i>International Journal of Oncology</i> , 2017, 52, 211-218.	1.4	2
696	Overview of Drug Polypharmacology and Multitargeted Molecular Design. , 2017, , 259-275.		4

#	ARTICLE	IF	CITATIONS
697	A novel computational approach for drug repurposing using systems biology. <i>Bioinformatics</i> , 2018, 34, 2817-2825.	1.8	87
698	Repurposing anticancer drugs for targeting necroptosis. <i>Cell Cycle</i> , 2018, 17, 829-832.	1.3	28
699	Treatment with Atorvastatin Provides Additional Benefits to Imipenem in a Model of Gram-Negative Pneumonia Induced by <i>Klebsiella pneumoniae</i> in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	12
700	4-PBA ameliorates cellular homeostasis in fibroblasts from osteogenesis imperfecta patients by enhancing autophagy and stimulating protein secretion. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1642-1652.	1.8	55
701	Multiple grid arrangement improves ligand docking with unknown binding sites: Application to the inverse docking problem. <i>Computational Biology and Chemistry</i> , 2018, 73, 139-146.	1.1	30
702	Registry-based randomised clinical trial: efficient evaluation of generic pharmacotherapies in the contemporary era. <i>Heart</i> , 2018, 104, 1562-1567.	1.2	21
703	A Systems Approach to Refine Disease Taxonomy by Integrating Phenotypic and Molecular Networks. <i>EBioMedicine</i> , 2018, 31, 79-91.	2.7	60
704	Drug Repositioning by Integrating Known Disease-Gene and Drug-Target Associations in a Semi-supervised Learning Model. <i>Acta Biotheoretica</i> , 2018, 66, 315-331.	0.7	13
705	A Microfluidic Droplet Array System for Cell-Based Drug Combination Screening. <i>Methods in Molecular Biology</i> , 2018, 1771, 203-211.	0.4	9
706	Repositioning of the antipsychotic trifluoperazine: Synthesis, biological evaluation and in silico study of trifluoperazine analogs as anti-glioblastoma agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 151, 186-198.	2.6	29
707	Organometallic Conjugates of the Drug Sulfadoxine for Combatting Antimicrobial Resistance. <i>Chemistry - A European Journal</i> , 2018, 24, 10078-10090.	1.7	28
708	New application of the commercial sweetener rebaudioside a as a hepatoprotective candidate: Induction of the Nrf2 signaling pathway. <i>European Journal of Pharmacology</i> , 2018, 822, 128-137.	1.7	27
709	Tozasertib Analogues as Inhibitors of Necroptotic Cell Death. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1895-1920.	2.9	32
710	Bright Side of Lignin Depolymerization: Toward New Platform Chemicals. <i>Chemical Reviews</i> , 2018, 118, 614-678.	23.0	1,473
711	Repurposed FDA-approved drugs targeting genes influencing aging can extend lifespan and healthspan in rotifers. <i>Biogerontology</i> , 2018, 19, 145-157.	2.0	16
712	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
713	Resensitization of methicillin-resistant <i>Staphylococcus aureus</i> by amoxapine, an FDA-approved antidepressant. <i>Heliyon</i> , 2018, 4, e00501.	1.4	9
714	Nicorandil inhibits mechanical allodynia induced by paclitaxel by activating opioidergic and serotonergic mechanisms. <i>European Journal of Pharmacology</i> , 2018, 824, 108-114.	1.7	9

#	ARTICLE	IF	CITATIONS
715	Ocular translational science: A review of development steps and paths. <i>Advanced Drug Delivery Reviews</i> , 2018, 126, 195-203.	6.6	14
716	Research in Rare Disease: From Genomics to Proteomics. <i>Assay and Drug Development Technologies</i> , 2018, 16, 12-14.	0.6	2
717	The prevention of latanoprost on osteoclastogenesis in vitro and lipopolysaccharide-induced murine calvaria osteolysis in vivo. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 4680-4691.	1.2	5
718	The possible repositioning of an oral anti-arthritic drug, auranofin, for Nrf2-activating therapy: The demonstration of Nrf2-dependent anti-oxidative action using a zebrafish model. <i>Free Radical Biology and Medicine</i> , 2018, 115, 405-411.	1.3	9
719	Synergistic therapeutic effect of diethylstilbestrol and CX-4945 in human acute T-lymphocytic leukemia cells. <i>Biomedicine and Pharmacotherapy</i> , 2018, 98, 357-363.	2.5	6
720	Using a novel computational drug-repositioning approach (DrugPredict) to rapidly identify potent drug candidates for cancer treatment. <i>Oncogene</i> , 2018, 37, 403-414.	2.6	74
721	e Repo-ORP: Exploring the Opportunity Space to Combat Orphan Diseases with Existing Drugs. <i>Journal of Molecular Biology</i> , 2018, 430, 2266-2273.	2.0	10
722	A bibliometric review of drug repurposing. <i>Drug Discovery Today</i> , 2018, 23, 661-672.	3.2	163
723	Genetics of immune-mediated inflammatory diseases. <i>Clinical and Experimental Immunology</i> , 2018, 193, 3-12.	1.1	66
724	Predicting inhibitory and activatory drug targets by chemically and genetically perturbed transcriptome signatures. <i>Scientific Reports</i> , 2018, 8, 156.	1.6	43
725	gene2drug: a computational tool for pathway-based rational drug repositioning. <i>Bioinformatics</i> , 2018, 34, 1498-1505.	1.8	62
726	The Existing Drug Vorinostat as a New Lead Against Cryptosporidiosis by Targeting the Parasite Histone Deacetylases. <i>Journal of Infectious Diseases</i> , 2018, 217, 1110-1117.	1.9	42
727	Injectable thermogel for 3D culture of stem cells. <i>Biomaterials</i> , 2018, 159, 91-107.	5.7	85
728	Repurposing drugs for glioblastoma: From bench to bedside. <i>Cancer Letters</i> , 2018, 428, 173-183.	3.2	47
729	Old wines in new bottles: Repurposing opportunities for Parkinson's disease. <i>European Journal of Pharmacology</i> , 2018, 830, 115-127.	1.7	15
730	Ficellomycin: an aziridine alkaloid antibiotic with potential therapeutic capacity. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4345-4354.	1.7	19
731	Personalised drug repositioning for Clear Cell Renal Cell Carcinoma using gene expression. <i>Scientific Reports</i> , 2018, 8, 5250.	1.6	14
732	New steps for treating alcohol use disorder. <i>Psychopharmacology</i> , 2018, 235, 1759-1773.	1.5	37

#	ARTICLE	IF	CITATIONS
733	Docking-based inverse virtual screening: methods, applications, and challenges. <i>Biophysics Reports</i> , 2018, 4, 1-16.	0.2	99
734	Strategies against methicillin-resistant <i>Staphylococcus aureus</i> persists. <i>Future Medicinal Chemistry</i> , 2018, 10, 779-794.	1.1	31
735	Vitamin C-linker-conjugated tripeptide AHK stimulates BMP-2-induced osteogenic differentiation of mouse myoblast C2C12 cells. <i>Differentiation</i> , 2018, 101, 1-7.	1.0	9
736	Drug repurposing in malignant pleural mesothelioma: a breath of fresh air?. <i>European Respiratory Review</i> , 2018, 27, 170098.	3.0	21
737	Therapeutic Effect of Quinacrine, an Antiprotozoan Drug, by Selective Suppression of p-CHK1/2 in p53-Negative Malignant Cancers. <i>Molecular Cancer Research</i> , 2018, 16, 935-946.	1.5	15
738	Folic Acid Exerts Post-Ischemic Neuroprotection In Vitro Through HIF-1 α Stabilization. <i>Molecular Neurobiology</i> , 2018, 55, 8328-8345.	1.9	19
739	Identification of selective inhibitors for diffuse-type gastric cancer cells by screening of annotated compounds in preclinical models. <i>British Journal of Cancer</i> , 2018, 118, 972-984.	2.9	9
740	Large-scale computational drug repositioning to find treatments for rare diseases. <i>Npj Systems Biology and Applications</i> , 2018, 4, 13.	1.4	40
741	Drug repurposing from the perspective of pharmaceutical companies. <i>British Journal of Pharmacology</i> , 2018, 175, 168-180.	2.7	281
742	Computational drug repositioning for rare diseases in the era of precision medicine. <i>Drug Discovery Today</i> , 2018, 23, 382-394.	3.2	76
743	Drug repurposing: An approach to tackle drug resistance in <i>S. typhimurium</i> . <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2818-2831.	1.2	3
744	A Drug Repositioning Approach Reveals that <i>Streptococcus mutans</i> Is Susceptible to a Diverse Range of Established Antimicrobials and Nonantibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	23
745	Repurposing Zidovudine in combination with Tigecycline for treating carbapenem-resistant Enterobacteriaceae infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 141-148.	1.3	34
746	Phenytoin repositioned in wound healing: clinical experience spanning 60 years. <i>Drug Discovery Today</i> , 2018, 23, 402-408.	3.2	27
747	HMG-CoA Reductase Inhibition Delays DNA Repair and Promotes Senescence After Tumor Irradiation. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 407-418.	1.9	36
748	Drug repurposing to treat asthma and allergic disorders: Progress and prospects. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 313-322.	2.7	18
749	Structure based virtual screening of the Ebola virus trimeric glycoprotein using consensus scoring. <i>Computational Biology and Chemistry</i> , 2018, 72, 170-180.	1.1	45
750	Syk and Src-targeted anti-inflammatory activity of aripiprazole, an atypical antipsychotic. <i>Biochemical Pharmacology</i> , 2018, 148, 1-12.	2.0	32

#	ARTICLE	IF	CITATIONS
751	Memantine induces apoptosis and inhibits cell cycle progression in LNCaP prostate cancer cells. <i>Human and Experimental Toxicology</i> , 2018, 37, 953-958.	1.1	17
752	A combined connectivity mapping and pharmacoepidemiology approach to identify existing medications with breast cancer causing or preventing properties. <i>Pharmacoepidemiology and Drug Safety</i> , 2018, 27, 78-86.	0.9	13
753	Rare genetic diseases: update on diagnosis, treatment and online resources. <i>Drug Discovery Today</i> , 2018, 23, 187-195.	3.2	55
754	Repurposing as a strategy for the discovery of new anti-leishmanials: the-state-of-the-art. <i>Parasitology</i> , 2018, 145, 219-236.	0.7	81
755	A systems-level analysis of drug-“target”-disease associations for drug repositioning. <i>Briefings in Functional Genomics</i> , 2018, 17, 34-41.	1.3	10
756	Repurposing sertraline sensitizes non-“small cell lung cancer cells to erlotinib by inducing autophagy. <i>JCI Insight</i> , 2018, 3, .	2.3	51
757	Systematic analysis of drug combinations that mitigate adverse drug reactions. <i>IBM Journal of Research and Development</i> , 2018, 62, 7:1-7:9.	3.2	0
758	Tackling the complexity of nonalcoholic steatohepatitis treatment: challenges and opportunities based on systems biology and machine learning approaches. <i>Hepatobiliary Surgery and Nutrition</i> , 2018, 7, 495-498.	0.7	3
759	Detecting Serendipitous Drug Usage in Social Media with Deep Neural Network Models. , 2018, , .		1
760	Anti-Sporothrix brasiliensis activity of different pyrazinoic acid prodrugs: a repurposing evaluation. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2018, 54, .	1.2	3
761	Treatment of oral cancer using magnetized paclitaxel. <i>Oncotarget</i> , 2018, 9, 15591-15605.	0.8	13
762	Cross Documents Concept Augmentation. , 2018, , .		1
763	A High-Throughput Screening Approach To Repurpose FDA-Approved Drugs for Bactericidal Applications against Staphylococcus aureus Small-Colony Variants. <i>MSphere</i> , 2018, 3, .	1.3	31
764	Role of Overexpressed Transcription Factor FOXO1 in Fatal Cardiovascular Septal Defects in Patau Syndrome: Molecular and Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3547.	1.8	13
765	Novel Findings of Anti-Filarial Drug Target and Structure-Based Virtual Screening for Drug Discovery. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3579.	1.8	7
766	Computational drug repositioning using meta-path-based semantic network analysis. <i>BMC Systems Biology</i> , 2018, 12, 134.	3.0	10
768	Challenges and Benefits of Repurposing Products for Use during a Radiation Public Health Emergency: Lessons Learned from Biological Threats and other Disease Treatments. <i>Radiation Research</i> , 2018, 190, 659.	0.7	26
769	Molecular Docking Reveals Pitavastatin and Related Molecules Antagonize 1DHF and Its Pseudogene DHFR2 in Cancer Treatment. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
770	Repurposing Estrogen Receptor Antagonists for the Treatment of Infectious Disease. <i>MBio</i> , 2018, 9, .	1.8	47
771	Sulphamethazine derivatives as immunomodulating agents: New therapeutic strategies for inflammatory diseases. <i>PLoS ONE</i> , 2018, 13, e0208933.	1.1	8
772	Hydroxychloroquine Inhibits Zika Virus NS2B-NS3 Protease. <i>ACS Omega</i> , 2018, 3, 18132-18141.	1.6	86
773	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
774	Use of Mendelian Randomization for Identifying Risk Factors for Brain Tumors. <i>Frontiers in Genetics</i> , 2018, 9, 525.	1.1	19
775	Evaluating class III antiarrhythmic agents as novel MYC targeting drugs in ovarian cancer. <i>Gynecologic Oncology</i> , 2018, 151, 525-532.	0.6	7
776	Accurate Drug Repositioning through Non-tissue-Specific Core Signatures from Cancer Transcriptomes. <i>Cell Reports</i> , 2018, 25, 523-535.e5.	2.9	20
777	β 2-Adrenergic receptor modulates mitochondrial metabolism and disease progression in recurrent/metastatic HPV(+) HNSCC. <i>Oncogenesis</i> , 2018, 7, 81.	2.1	15
778	An integrative approach using real-world data to identify alternative therapeutic uses of existing drugs. <i>PLoS ONE</i> , 2018, 13, e0204648.	1.1	14
779	Pyrazinoates as antiparasitic agents against <i>Trypanosoma cruzi</i> . <i>Archiv Der Pharmazie</i> , 2018, 351, e1800190.	2.1	0
780	Nitazoxanide, an antiprotozoal drug, inhibits late-stage autophagy and promotes ING1-induced cell cycle arrest in glioblastoma. <i>Cell Death and Disease</i> , 2018, 9, 1032.	2.7	45
781	Network-Based Methods for Prediction of Drug-Target Interactions. <i>Frontiers in Pharmacology</i> , 2018, 9, 1134.	1.6	131
782	Computationally-guided drug repurposing enables the discovery of kinase targets and inhibitors as new schistosomicidal agents. <i>PLoS Computational Biology</i> , 2018, 14, e1006515.	1.5	29
783	Druggability of Coronary Artery Disease Risk Loci. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001977.	1.6	18
784	Novel Neural Network Approach to Predict Drug-Target Interactions Based on Drug Side Effects and Genome-Wide Association Studies. <i>Human Heredity</i> , 2018, 83, 79-91.	0.4	2
785	Confused Connections? Targeting White Matter to Address Treatment Resistant Schizophrenia. <i>Frontiers in Pharmacology</i> , 2018, 9, 1172.	1.6	7
786	Pathway-Based Drug Repositioning for Cancers: Computational Prediction and Experimental Validation. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9583-9595.	2.9	19
787	Repurposing of Bromocriptine for Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1030.	1.6	22

#	ARTICLE	IF	CITATIONS
788	Clotrimazole inhibits the Wnt/ β -catenin pathway by activating two eIF2 γ kinases: The heme-regulated translational inhibitor and the double-stranded RNA-induced protein kinase. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 183-188.	1.0	4
789	Online structure-based screening of purchasable approved drugs and natural compounds: retrospective examples of drug repositioning on cancer targets. <i>Oncotarget</i> , 2018, 9, 32346-32361.	0.8	25
790	The potential to treat lung cancer via inhalation of repurposed drugs. <i>Advanced Drug Delivery Reviews</i> , 2018, 133, 107-130.	6.6	57
791	Structural alterations based on naproxen scaffold: Synthesis, evaluation of antitumor activity and COX-2 inhibition, and molecular docking. <i>European Journal of Medicinal Chemistry</i> , 2018, 158, 134-143.	2.6	37
792	Preclinical evaluation of the PI3K/Akt/mTOR pathway in animal models of multiple sclerosis. <i>Oncotarget</i> , 2018, 9, 8263-8277.	0.8	75
793	Repurposing of Drugs Targeting YAP-TEAD Functions. <i>Cancers</i> , 2018, 10, 329.	1.7	33
794	Using improved Restricted Boltzmann Machines for drug-disease Prediction. , 2018, , .		1
795	Identification of FDA-Approved Drugs as Antivirulence Agents Targeting the <i>Quorum-Sensing System of Pseudomonas aeruginosa</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	82
796	Review of Drug Repositioning Approaches and Resources. <i>International Journal of Biological Sciences</i> , 2018, 14, 1232-1244.	2.6	429
797	Multiple Sclerosis-Secondary Progressive Multi-Arm Randomisation Trial (MS-SMART): a multiarm phase IIb randomised, double-blind, placebo-controlled clinical trial comparing the efficacy of three neuroprotective drugs in secondary progressive multiple sclerosis. <i>BMJ Open</i> , 2018, 8, e021944.	0.8	43
798	Repositioning of anti-cancer drug candidate, AZD7762, to an anti-allergic drug suppressing IgE-mediated mast cells and allergic responses via the inhibition of Lyn and Fyn. <i>Biochemical Pharmacology</i> , 2018, 154, 270-277.	2.0	19
799	Development of a Web-Server for Identification of Common Lead Molecules for Multiple Protein Targets. <i>Methods in Pharmacology and Toxicology</i> , 2018, , 487-504.	0.1	0
800	Leishmaniasis treatment update of possibilities for drug repurposing. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 967-996.	3.0	53
801	Drug repositioning, a new alternative in infectious diseases. <i>Brazilian Journal of Infectious Diseases</i> , 2018, 22, 252-256.	0.3	20
802	Pharmacotherapy in Secondary Progressive Multiple Sclerosis: An Overview. <i>CNS Drugs</i> , 2018, 32, 499-526.	2.7	18
803	Identification of novel macropinocytosis inhibitors using a rational screen of Food and Drug Administration-approved drugs. <i>British Journal of Pharmacology</i> , 2018, 175, 3640-3655.	2.7	77
804	The current limits in virtual screening and property prediction. <i>Future Medicinal Chemistry</i> , 2018, 10, 1623-1635.	1.1	19
805	Design of Novel Dual-Target Hits Against Malaria and Tuberculosis Using Computational Docking. <i>Methods in Pharmacology and Toxicology</i> , 2018, , 419-442.	0.1	0

#	ARTICLE	IF	CITATIONS
806	GRTR: Drug-Disease Association Prediction Based on Graph Regularized Transductive Regression on Heterogeneous Network. Lecture Notes in Computer Science, 2018, , 13-25.	1.0	6
807	Deciphering cellular biological processes to clinical application: a new perspective for T _H 17 treatment targeting multiple diseases. Expert Opinion on Biological Therapy, 2018, 18, 23-31.	1.4	11
808	Connecting genetics and gene expression data for target prioritisation and drug repositioning. BioData Mining, 2018, 11, 7.	2.2	41
809	Drug Repurposing in Parkinson's Disease. CNS Drugs, 2018, 32, 747-761.	2.7	40
810	In vitro combinatorial anti-proliferative and immunosuppressive effects of Brucea javanica extract with CX-4945 and imatinib in human T-cell acute lymphoblastic leukemia cells. Biomedicine and Pharmacotherapy, 2018, 106, 403-410.	2.5	5
811	Network-based drug repositioning: A novel strategy for discovering potential antidepressants and their mode of action. European Neuropsychopharmacology, 2018, 28, 1137-1150.	0.3	12
812	Investigation of the key chemical structures involved in the anticancer activity of disulfiram in A549 non-small cell lung cancer cell line. BMC Cancer, 2018, 18, 753.	1.1	31
813	Prediction of Drug-Disease Associations for Drug Repositioning Through Drug-miRNA-Disease Heterogeneous Network. IEEE Access, 2018, 6, 45281-45287.	2.6	16
814	Identification of potential anti-hepatitis C virus agents targeting non structural protein 5B using computational techniques. Journal of Cellular Biochemistry, 2018, 119, 8574-8587.	1.2	2
815	Artificial intelligence in drug design. Science China Life Sciences, 2018, 61, 1191-1204.	2.3	145
816	Drug repurposing of quinine as antiviral against dengue virus infection. Virus Research, 2018, 255, 171-178.	1.1	50
817	Long-Term DL-3-n-Butylphthalide Treatment Alleviates Cognitive Impairment Correlate With Improving Synaptic Plasticity in SAMP8 Mice. Frontiers in Aging Neuroscience, 2018, 10, 200.	1.7	22
818	Master Regulators Connectivity Map: A Transcription Factors-Centered Approach to Drug Repositioning. Frontiers in Pharmacology, 2018, 9, 697.	1.6	18
819	Predicting Potential Drugs for Breast Cancer based on miRNA and Tissue Specificity. International Journal of Biological Sciences, 2018, 14, 971-982.	2.6	75
820	Photochemical Combinatorial Discovery of Antimicrobial Copolymers. Chemistry - A European Journal, 2018, 24, 13758-13761.	1.7	41
821	Repurposing Auranofin, Ebselen, and PX-12 as Antimicrobial Agents Targeting the Thioredoxin System. Frontiers in Microbiology, 2018, 9, 336.	1.5	63
822	Novel Polymyxin Combination With Antineoplastic Mitotane Improved the Bacterial Killing Against Polymyxin-Resistant Multidrug-Resistant Gram-Negative Pathogens. Frontiers in Microbiology, 2018, 9, 721.	1.5	34
823	Repurposing ebselen for decolonization of vancomycin-resistant enterococci (VRE). PLoS ONE, 2018, 13, e0199710.	1.1	46

#	ARTICLE	IF	CITATIONS
824	Old Drugs as New Treatments for Neurodegenerative Diseases. <i>Pharmaceuticals</i> , 2018, 11, 44.	1.7	213
825	Changing Trends in Computational Drug Repositioning. <i>Pharmaceuticals</i> , 2018, 11, 57.	1.7	127
826	Saracatinib Inhibits Middle East Respiratory Syndrome-Coronavirus Replication In Vitro. <i>Viruses</i> , 2018, 10, 283.	1.5	69
827	RESKO: Repositioning drugs by using side effects and knowledge from ontologies. <i>Knowledge-Based Systems</i> , 2018, 160, 34-48.	4.0	8
828	Rational application of drug promiscuity in medicinal chemistry. <i>Future Medicinal Chemistry</i> , 2018, 10, 1835-1851.	1.1	29
829	Computer-Aided Drug Design in Epigenetics. <i>Frontiers in Chemistry</i> , 2018, 6, 57.	1.8	51
830	Comparative assessment of strategies to identify similar ligand-binding pockets in proteins. <i>BMC Bioinformatics</i> , 2018, 19, 91.	1.2	40
831	Current and Future Use of Chloroquine and Hydroxychloroquine in Infectious, Immune, Neoplastic, and Neurological Diseases: A Mini-Review. <i>Clinical Drug Investigation</i> , 2018, 38, 653-671.	1.1	226
832	SPIDR: small-molecule peptide-influenced drug repurposing. <i>BMC Bioinformatics</i> , 2018, 19, 138.	1.2	12
834	Flubendazole elicits anti-metastatic effects in triple-negative breast cancer via STAT3 inhibition. <i>International Journal of Cancer</i> , 2018, 143, 1978-1993.	2.3	64
835	Identification of new EphA4 inhibitors by virtual screening of FDA-approved drugs. <i>Scientific Reports</i> , 2018, 8, 7377.	1.6	21
836	Involvement of cAMP/EPAC/Akt signaling in the antiproteolytic effects of pentoxifylline on skeletal muscles of diabetic rats. <i>Journal of Applied Physiology</i> , 2018, 124, 704-716.	1.2	20
837	3, 5, 3-triiodothyroacetic acid (TRIAC) is an anti-inflammatory drug that targets toll-like receptor 2. <i>Archives of Pharmacal Research</i> , 2018, 41, 995-1008.	2.7	3
838	Increased optical pathlength through aqueous media for the infrared microanalysis of live cells. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5779-5789.	1.9	10
839	Screening a Repurposing Library for Inhibitors of Multidrug-Resistant <i>Candida auris</i> Identifies Ebselen as a Repositionable Candidate for Antifungal Drug Development. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	68
840	Tetracycline repurposing in neurodegeneration: focus on Parkinson's disease. <i>Journal of Neural Transmission</i> , 2018, 125, 1403-1415.	1.4	59
841	Computational drug repurposing to predict approved and novel drug-disease associations. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 85, 91-96.	1.3	14
842	Optimizing drug combinations against multiple myeloma using a quadratic phenotypic optimization platform (QPOP). <i>Science Translational Medicine</i> , 2018, 10, .	5.8	80

#	ARTICLE	IF	CITATIONS
843	Therapeutic Effect of Repurposed Temsirolimus in Lung Adenocarcinoma Model. <i>Frontiers in Pharmacology</i> , 2018, 9, 778.	1.6	4
844	Repositioning of Omarigliptin as a once-weekly intranasal Anti-parkinsonian Agent. <i>Scientific Reports</i> , 2018, 8, 8959.	1.6	39
845	Testing therapeutics in cell-based assays: Factors that influence the apparent potency of drugs. <i>PLoS ONE</i> , 2018, 13, e0194880.	1.1	31
846	Cancer Drug Response Profile scan (CDRscan): A Deep Learning Model That Predicts Drug Effectiveness from Cancer Genomic Signature. <i>Scientific Reports</i> , 2018, 8, 8857.	1.6	176
847	Combinatorial drug discovery in nanoliter droplets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6685-6690.	3.3	102
848	Overcoming the legal and regulatory barriers to drug repurposing. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 1-2.	21.5	146
849	Recent applications of deep learning and machine intelligence on in silico drug discovery: methods, tools and databases. <i>Briefings in Bioinformatics</i> , 2019, 20, 1878-1912.	3.2	310
850	Targeting transcriptional control of soluble guanylyl cyclase via NOTCH for prevention of cardiovascular disease. <i>Acta Physiologica</i> , 2019, 225, e13094.	1.8	6
851	Homologous Protein Detection. , 2019, , 697-705.		2
852	New leads for drug repurposing against malaria. <i>Drug Discovery Today</i> , 2019, 24, 263-271.	3.2	35
853	Pathway Interactions Based on Drug-Induced Datasets. <i>Cancer Informatics</i> , 2019, 18, 117693511985151.	0.9	2
854	Identification of novel analgesics through a drug repurposing strategy. <i>Pain Management</i> , 2019, 9, 399-415.	0.7	7
855	Colon-Targeted Delivery Facilitates the Therapeutic Switching of Sofalcone, a Gastroprotective Agent, to an Anticolic Drug via Nrf2 Activation. <i>Molecular Pharmaceutics</i> , 2019, 16, 4007-4016.	2.3	10
856	Exploring the new horizons of drug repurposing: A vital tool for turning hard work into smart work. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111602.	2.6	47
857	Screening of Drug Repositioning Candidates for Castration Resistant Prostate Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 661.	1.3	11
858	Integrative Systems Biology Resources and Approaches in Disease Analytics. , 0, , .		1
859	Patents, Data Exclusivity, and the Development of New Drugs. <i>SSRN Electronic Journal</i> , 2019, , .	0.4	5
860	Prioritization of candidate cancer drugs based on a drug functional similarity network constructed by integrating pathway activities and drug activities. <i>Molecular Oncology</i> , 2019, 13, 2259-2277.	2.1	27

#	ARTICLE	IF	CITATIONS
861	Construction and Comprehensive Analysis of a Molecular Association Network via lncRNA-miRNA-Disease-Drug-Protein Graph. <i>Cells</i> , 2019, 8, 866.	1.8	34
862	Additional Neural Matrix Factorization model for computational drug repositioning. <i>BMC Bioinformatics</i> , 2019, 20, 423.	1.2	18
863	Update on drug-repurposing: is it useful for tackling antimicrobial resistance?. <i>Future Microbiology</i> , 2019, 14, 829-831.	1.0	30
864	Insights on the anticandidal activity of non-antifungal drugs. <i>Journal De Mycologie Medicale</i> , 2019, 29, 253-259.	0.7	18
865	Convolutional Neural Network and Bidirectional Long Short-Term Memory-Based Method for Predicting Drug-Disease Associations. <i>Cells</i> , 2019, 8, 705.	1.8	33
866	The ReFRAME library as a comprehensive drug repurposing library to identify mammarenavirus inhibitors. <i>Antiviral Research</i> , 2019, 169, 104558.	1.9	30
867	The effect of patent expiration on sales of branded competitor drugs in a therapeutic class. <i>Journal of Generic Medicines</i> , 2019, 15, 177-184.	0.0	1
868	Concepts of Artificial Intelligence for Computer-Assisted Drug Discovery. <i>Chemical Reviews</i> , 2019, 119, 10520-10594.	23.0	499
869	Predicting drug-induced transcriptome responses of a wide range of human cell lines by a novel tensor-train decomposition algorithm. <i>Bioinformatics</i> , 2019, 35, i191-i199.	1.8	24
870	Peptides as epigenetic modulators: therapeutic implications. <i>Clinical Epigenetics</i> , 2019, 11, 101.	1.8	22
871	Fluoxetine Inhibits Enterovirus Replication by Targeting the Viral 2C Protein in a Stereospecific Manner. <i>ACS Infectious Diseases</i> , 2019, 5, 1609-1623.	1.8	50
872	Repurposing mosloflavone/5,6,7-trimethoxyflavone-resveratrol hybrids: Discovery of novel p38- β MAPK inhibitors as potent interceptors of macrophage-dependent production of proinflammatory mediators. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 253-267.	2.6	38
873	Sirius: A Resource for Analyzing Drug-Disease Relationships for Drug Repositioning. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 235-244.	0.3	0
874	The effects of tranilcypromine on osteoclastogenesis <i>in vitro</i> and <i>in vivo</i> . <i>FASEB Journal</i> , 2019, 33, 9828-9841.	0.2	12
875	Induction of endoplasmic reticulum stress and inhibition of colon carcinogenesis by the anti-helminthic drug rafoxanide. <i>Cancer Letters</i> , 2019, 462, 1-11.	3.2	13
876	A computer-assisted discovery of novel potential anti-obesity compounds as selective carbonic anhydrase VA inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111565.	2.6	23
877	Inferring Drug-Related Diseases Based on Convolutional Neural Network and Gated Recurrent Unit. <i>Molecules</i> , 2019, 24, 2712.	1.7	7
878	<p></p>Statin use and its potential therapeutic role in esophageal cancer: a systematic review and meta-analysis</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 5655-5663.	0.9	10

#	ARTICLE	IF	CITATIONS
879	Novel screening approaches for human prion diseases drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2019, 14, 983-993.	2.5	7
880	Exploring the druggable space around the Fanconi anemia pathway using machine learning and mechanistic models. <i>BMC Bioinformatics</i> , 2019, 20, 370.	1.2	26
881	Evaluation of anti-tumor activity of metformin against Ehrlich ascites carcinoma in Swiss albino mice. <i>Egyptian Journal of Basic and Applied Sciences</i> , 2019, 6, 116-123.	0.2	6
882	Ro 90-7501 Is a Novel Radiosensitizer for Cervical Cancer Cells that Inhibits ATM Phosphorylation. <i>Anticancer Research</i> , 2019, 39, 4805-4810.	0.5	6
883	Fingerprinting CANDO: Increased Accuracy with Structure- and Ligand-Based Shotgun Drug Repurposing. <i>ACS Omega</i> , 2019, 4, 17393-17403.	1.6	24
884	The potential of drug repurposing combined with reperfusion therapy in cerebral ischemic stroke: A supplementary strategy to endovascular thrombectomy. <i>Life Sciences</i> , 2019, 236, 116889.	2.0	19
885	Repurposing of known drugs for leishmaniasis treatment using bioinformatic predictions, in vitro validations and pharmacokinetic simulations. <i>Journal of Computer-Aided Molecular Design</i> , 2019, 33, 845-854.	1.3	19
886	Spironolactone, a Classic Potassium-Sparing Diuretic, Reduces Survivin Expression and Chemosensitizes Cancer Cells to Non-DNA-Damaging Anticancer Drugs. <i>Cancers</i> , 2019, 11, 1550.	1.7	13
887	Protein Preparation Automatic Protocol for High-Throughput Inverse Virtual Screening: Accelerating the Target Identification by Computational Methods. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4678-4690.	2.5	13
888	The influence of taurine and L-carnitine on 6 Î²-hydroxycortisol/cortisol ratio in human urine of healthy volunteers. <i>Drug Metabolism and Personalized Therapy</i> , 2019, 34, .	0.3	3
889	Regulation of adipocyte differentiation and metabolism by lansoprazole. <i>Life Sciences</i> , 2019, 239, 116897.	2.0	24
890	Repositionable Compounds with Antifungal Activity against Multidrug Resistant <i>Candida auris</i> Identified in the Medicines for Malaria Venture's Pathogen Box. <i>Journal of Fungi (Basel, Switzerland)</i> , 2019, 5, 92.	1.5	45
891	A botanical drug composed of three herbal materials attenuates the sensorimotor gating deficit and cognitive impairment induced by MK-801 in mice. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 72, 149-160.	1.2	11
892	Mapping the perturbome network of cellular perturbations. <i>Nature Communications</i> , 2019, 10, 5140.	5.8	40
893	Integrative analysis of clinical and bioinformatics databases to identify anticancer properties of digoxin. <i>Scientific Reports</i> , 2019, 9, 16597.	1.6	6
894	Predicting Drug-Target Interactions With Multi-Label Classification and Label Partitioning. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 1596-1607.	1.9	34
895	Prediction of Potential Drug-Disease Associations through Deep Integration of Diversity and Projections of Various Drug Features. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4102.	1.8	7
896	Primaquine derivatives: Modifications of the terminal amino group. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111640.	2.6	10

#	ARTICLE	IF	CITATIONS
897	High-throughput screening identifies candidate drugs for the treatment of recurrent respiratory papillomatosis. <i>Papillomavirus Research (Amsterdam, Netherlands)</i> , 2019, 8, 100181.	4.5	18
898	Prediction of Drug-Target Interaction with Graph Regularized Non-Negative Matrix Factorization. <i>Journal of Physics: Conference Series</i> , 2019, 1237, 032017.	0.3	2
899	EK-DRD: A Comprehensive Database for Drug Repositioning Inspired by Experimental Knowledge. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 3619-3624.	2.5	4
900	Influence of batch effect correction methods on drug induced differential gene expression profiles. <i>BMC Bioinformatics</i> , 2019, 20, 437.	1.2	12
901	Discovery of Novel Inhibitors Targeting Human O-GlcNAcase: Docking-Based Virtual Screening, Biological Evaluation, Structural Modification, and Molecular Dynamics Simulation. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4374-4382.	2.5	19
902	Diarylthiazole and diarylimidazole selective COX-1 inhibitor analysis through pharmacophore modeling, virtual screening, and DFT-based approaches. <i>Structural Chemistry</i> , 2019, 30, 2311-2326.	1.0	17
903	Repurposing of the anti-helminthic drug niclosamide to treat melanoma and pulmonary metastasis via the STAT3 signaling pathway. <i>Biochemical Pharmacology</i> , 2019, 169, 113610.	2.0	30
904	Time-Course Transcriptome Analysis for Drug Repositioning in <i>Fusobacterium nucleatum</i> -Infected Human Gingival Fibroblasts. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 204.	1.8	10
905	A Multi-Label Learning Framework for Drug Repurposing. <i>Pharmaceutics</i> , 2019, 11, 466.	2.0	14
906	Artificial intelligence facilitates drug design in the big data era. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2019, 194, 103850.	1.8	32
907	Drug Repurposing for Paracoccidioidomycosis Through a Computational Chemogenomics Framework. <i>Frontiers in Microbiology</i> , 2019, 10, 1301.	1.5	11
908	WZ3146 inhibits mast cell Lyn and Fyn to reduce IgE-mediated allergic responses in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , 2019, 383, 114763.	1.3	14
909	The NCATS Pharmaceutical Collection: a 10-year update. <i>Drug Discovery Today</i> , 2019, 24, 2341-2349.	3.2	48
910	Structural Basis for the Regulation of PPAR β Activity by Imatinib. <i>Molecules</i> , 2019, 24, 3562.	1.7	11
911	A robust bacterial assay for high-throughput screening of human 4-hydroxyphenylpyruvate dioxygenase inhibitors. <i>Scientific Reports</i> , 2019, 9, 14145.	1.6	14
912	A novel individualized drug repositioning approach for predicting personalized candidate drugs for type 1 diabetes mellitus. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2019, 18, .	0.2	1
913	Turbo Analytics: Applications of Big Data and HPC in Drug Discovery. <i>Challenges and Advances in Computational Chemistry and Physics</i> , 2019, , 347-374.	0.6	1
914	Evidence of Repurposing Drugs and Identifying Contraindications from Real World Study in Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 954-963.	1.7	4

#	ARTICLE	IF	CITATIONS
915	Alpha-Blockers As Colorectal Cancer Chemopreventive: Findings from a Caseâ€“Control Study, Human Cell Cultures, and In Vivo Preclinical Testing. <i>Cancer Prevention Research</i> , 2019, 12, 185-194.	0.7	5
916	A novel molecular scaffold resensitizes multidrug-resistant <i>S. aureus</i> to fluoroquinolones. <i>Chemical Communications</i> , 2019, 55, 8599-8602.	2.2	7
917	Treatment with andrographolide sulfonate provides additional benefits to imipenem in a mouse model of <i>Klebsiella pneumoniae</i> pneumonia. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109065.	2.5	21
918	Repositioning Salirasib as a new antimalarial agent. <i>MedChemComm</i> , 2019, 10, 1599-1605.	3.5	15
919	Drug repurposing: a promising tool to accelerate the drug discovery process. <i>Drug Discovery Today</i> , 2019, 24, 2076-2085.	3.2	239
920	Human primary liver cancer organoids reveal intratumor and interpatient drug response heterogeneity. <i>JCI Insight</i> , 2019, 4, .	2.3	131
921	Active repurposing of drug candidates for melanoma based on GWAS, PheWAS and a wide range of omics data. <i>Molecular Medicine</i> , 2019, 25, 30.	1.9	21
922	Small-molecule drug screening identifies drug Ro 31-8220 that reduces toxic phosphorylated tau in <i>Drosophila melanogaster</i> . <i>Neurobiology of Disease</i> , 2019, 130, 104519.	2.1	13
923	Distinct dual antiviral mechanism that enhances hepatitis B virus mutagenesis and reduces viral DNA synthesis. <i>Antiviral Research</i> , 2019, 170, 104540.	1.9	3
924	Novel zafirlukast derivatives exhibit selective antibacterial activity against <i>Porphyromonas gingivalis</i> . <i>MedChemComm</i> , 2019, 10, 926-933.	3.5	11
925	A Prescription Trend Analysis using Medical Insurance Claim Big Data. , 2019, , .		6
926	Drug Repurposing to Fight Colistin and Carbapenem-Resistant Bacteria. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 193.	1.8	54
927	BiRWDDA: A Novel Drug Repositioning Method Based on Multisimilarity Fusion. <i>Journal of Computational Biology</i> , 2019, 26, 1230-1242.	0.8	14
928	The Repurposed Drug Disulfiram Inhibits Urease and Aldehyde Dehydrogenase and Prevents <i>In Vitro</i> Growth of the Oomycete <i>Pythium insidiosum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	14
929	Cloxiquine, a traditional antituberculosis agent, suppresses the growth and metastasis of melanoma cells through activation of PPAR β . <i>Cell Death and Disease</i> , 2019, 10, 404.	2.7	8
930	Drug repositioning of herbal compounds via a machine-learning approach. <i>BMC Bioinformatics</i> , 2019, 20, 247.	1.2	37
931	Drug repurposing in neurological diseases: an integrated approach to reduce trial and error. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1270-1275.	0.9	20
932	Discovery and Biological evaluation of pyrimido[4,5-d]pyrimidine-2,4(1H,3H)-dione derivatives as potent Brutonâ€™s tyrosine kinase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3390-3395.	1.4	5

#	ARTICLE	IF	CITATIONS
933	Are We Opening the Door to a New Era of Medicinal Chemistry or Being Collapsed to a Chemical Singularity?. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 10026-10043.	2.9	52
934	Harnessing Human Microphysiology Systems as Key Experimental Models for Quantitative Systems Pharmacology. <i>Handbook of Experimental Pharmacology</i> , 2019, 260, 327-367.	0.9	14
935	Drug ReposER: a web server for predicting similar amino acid arrangements to known drug binding interfaces for potential drug repositioning. <i>Nucleic Acids Research</i> , 2019, 47, W350-W356.	6.5	20
936	Niclosamide repositioning for treating cancer: Challenges and nano-based drug delivery opportunities. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 141, 58-69.	2.0	63
937	Bromide alleviates fatty acid-induced lipid accumulation in mouse primary hepatocytes through the activation of PPAR α signals. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4464-4474.	1.6	8
938	Repurposing drugs to target nonalcoholic steatohepatitis. <i>World Journal of Gastroenterology</i> , 2019, 25, 1783-1796.	1.4	15
939	Chloroquine inhibits tumor-related Kv10.1 channel and decreases migration of MDA-MB-231 breast cancer cells in vitro. <i>European Journal of Pharmacology</i> , 2019, 855, 262-266.	1.7	19
940	Insights into the biology of fibrodysplasia ossificans progressiva using patient-derived induced pluripotent stem cells. <i>Regenerative Therapy</i> , 2019, 11, 25-30.	1.4	11
941	Auranofin Inhibits RANKL-Induced Osteoclastogenesis by Suppressing Inhibitors of B Kinase and Inflammasome-Mediated Interleukin-1 Secretion. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 1-12.	1.9	13
942	ROCK Inhibition Induces Terminal Adipocyte Differentiation and Suppresses Tumorigenesis in Chemoresistant Osteosarcoma Cells. <i>Cancer Research</i> , 2019, 79, 3088-3099.	0.4	38
943	Serendipity: A Machine-Learning Application for Mining Serendipitous Drug Usage From Social Media. <i>IEEE Transactions on Nanobioscience</i> , 2019, 18, 324-334.	2.2	15
944	Overview of Recent Strategic Advances in Medicinal Chemistry. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9375-9414.	2.9	108
945	Multilayer architecture microfluidic network array for combinatorial drug testing on 3D-cultured cells. <i>Biofabrication</i> , 2019, 11, 035024.	3.7	11
946	Drug repurposing in oncology: Compounds, pathways, phenotypes and computational approaches for colorectal cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 434-454.	3.3	131
947	Machine Learning for Data Integration in Cancer Precision Medicine: Matrix Factorization Approaches. , 2019, , 286-312.		0
948	Chemoproteomic Selectivity Profiling of PI3K and PI3K Kinase Inhibitors. <i>ACS Chemical Biology</i> , 2019, 14, 655-664.	1.6	21
949	Repurposing artemisinin as an anti-mycobacterial agent in synergy with rifampicin. <i>Tuberculosis</i> , 2019, 115, 146-153.	0.8	20
950	RNAi-based small molecule repositioning reveals clinically approved urea-based kinase inhibitors as broadly active antivirals. <i>PLoS Pathogens</i> , 2019, 15, e1007601.	2.1	26

#	ARTICLE	IF	CITATIONS
951	Molecular Docking: A Structure-Based Approach for Drug Repurposing. , 2019, , 161-189.		22
952	Drug Repurposing From Transcriptome Data: Methods and Applications. , 2019, , 303-327.		2
953	Application of In Silico Drug Repurposing in Infectious Diseases. , 2019, , 427-462.		0
954	Pocket similarity identifies selective estrogen receptor modulators as microtubule modulators at the taxane site. Nature Communications, 2019, 10, 1033.	5.8	22
955	Drug Repurposing Approaches for the Treatment of Influenza Viral Infection: Reviving Old Drugs to Fight Against a Long-Lived Enemy. Frontiers in Immunology, 2019, 10, 531.	2.2	95
956	Proteochemometric Modeling for Drug Repositioning. , 2019, , 281-302.		7
957	In Silico Modeling of FDA-Approved Drugs for Discovery of Anti-Cancer Agents: A Drug-Repurposing Approach. , 2019, , 577-608.		6
958	A new computational drug repurposing method using established disease-drug pair knowledge. Bioinformatics, 2019, 35, 3672-3678.	1.8	33
959	Repositioning of the antipsychotic drug TFP for sepsis treatment. Journal of Molecular Medicine, 2019, 97, 647-658.	1.7	19
960	Extensive Reliability Evaluation of Docking-Based Target-Fishing Strategies. International Journal of Molecular Sciences, 2019, 20, 1023.	1.8	20
961	Drug Repositioning: New Opportunities for Older Drugs. , 2019, , 3-17.		6
962	Computational Drug Repurposing for Neurodegenerative Diseases. , 2019, , 85-118.		6
963	Drug repurposing for antimicrobial discovery. Nature Microbiology, 2019, 4, 565-577.	5.9	217
964	Sulfisoxazole inhibits the secretion of small extracellular vesicles by targeting the endothelin receptor A. Nature Communications, 2019, 10, 1387.	5.8	130
965	Predicting drug-target interaction network using deep learning model. Computational Biology and Chemistry, 2019, 80, 90-101.	1.1	89
966	Mining heterogeneous network for drug repositioning using phenotypic information extracted from social media and pharmaceutical databases. Artificial Intelligence in Medicine, 2019, 96, 80-92.	3.8	16
967	Repurposing strategies for Chagas disease therapy: the effect of imatinib and derivatives against <i>Trypanosoma cruzi</i> . Parasitology, 2019, 146, 1006-1012.	0.7	25
968	Leveraging Big Data to Transform Drug Discovery. Methods in Molecular Biology, 2019, 1939, 91-118.	0.4	27

#	ARTICLE	IF	CITATIONS
969	Inverse similarity and reliable negative samples for drug side-effect prediction. BMC Bioinformatics, 2019, 19, 554.	1.2	26
970	Drug Repositioning Inferred from E2F1-Coregulator Interactions Studies for the Prevention and Treatment of Metastatic Cancers. Theranostics, 2019, 9, 1490-1509.	4.6	15
971	How to Prepare a Compound Collection Prior to Virtual Screening. Methods in Molecular Biology, 2019, 1939, 119-138.	0.4	3
972	Screening of a growth inhibitor library of sarcoma cell lines to identify potent anti-cancer drugs. Journal of Electrophoresis, 2019, 63, 1-7.	0.2	2
973	Informatics and Computational Methods in Natural Product Drug Discovery: A Review and Perspectives. Frontiers in Genetics, 2019, 10, 368.	1.1	95
974	Identification of a clinical compound losmapimod that blocks Lassa virus entry. Antiviral Research, 2019, 167, 68-77.	1.9	17
975	Acute kidney injury overview: From basic findings to new prevention and therapy strategies. , 2019, 200, 1-12.		102
976	NRLMF ² : Beta-distribution-rescored neighborhood regularized logistic matrix factorization for improving the performance of drug-target interaction prediction. Biochemistry and Biophysics Reports, 2019, 18, 100615.	0.7	24
977	Drug repositioning in pulmonary arterial hypertension: challenges and opportunities. Pulmonary Circulation, 2019, 9, 1-18.	0.8	20
978	Disruption of Endolysosomal RAB5/7 Efficiently Eliminates Colorectal Cancer Stem Cells. Cancer Research, 2019, 79, 1426-1437.	0.4	54
979	Conserved Disease Modules Extracted From Multilayer Heterogeneous Disease and Gene Networks for Understanding Disease Mechanisms and Predicting Disease Treatments. Frontiers in Genetics, 2019, 9, 745.	1.1	52
980	Repurposing of Drugs as Novel Influenza Inhibitors From Clinical Gene Expression Infection Signatures. Frontiers in Immunology, 2019, 10, 60.	2.2	44
981	Advances and Challenges in Computational Target Prediction. Journal of Chemical Information and Modeling, 2019, 59, 1728-1742.	2.5	76
982	Formulation and evaluation of cyclodextrin complexes for improved anticancer activity of repurposed drug: Niclosamide. Carbohydrate Polymers, 2019, 212, 252-259.	5.1	55
983	Teaching an old drug new tricks: repositioning strategies for spinal muscular atrophy. Future Neurology, 2019, 14, FNL25.	0.9	6
984	Prediction of Microbe-Drug Associations Based on KATZ Measure. , 2019, , .		14
985	DRUG REPOSITION OF NON-CANCER DRUGS FOR CANCER TREATMENTS VIA PHARMACOVIGILANCE APPROACH - REPURPOSING DRUGS IN ONCOLOGY. Asian Journal of Pharmaceutical and Clinical Research, 0, , 310-314.	0.3	2
986	Towards Better Drug Repositioning Using Joint Learning. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
987	GNDD: A Graph Neural Network-Based Method for Drug-Disease Association Prediction. , 2019, , .		13
988	Drug and disease similarity calculation platform for drug repositioning. , 2019, , .		2
989	The assessment of efficient representation of drug features using deep learning for drug repositioning. BMC Bioinformatics, 2019, 20, 577.	1.2	16
990	Drug-target interaction data cluster analysis based on improving the density peaks clustering algorithm. Intelligent Data Analysis, 2019, 23, 1335-1353.	0.4	8
991	Lopinavir-Ritonavir Combination Induces Endoplasmic Reticulum Stress and Kills Urological Cancer Cells. Anticancer Research, 2019, 39, 5891-5901.	0.5	26
992	Drug repositioning based on individual bi-random walks on a heterogeneous network. BMC Bioinformatics, 2019, 20, 547.	1.2	8
993	Individualized Drug Repositioning For Rheumatoid Arthritis Using Weighted Kolmogorov-Smirnov Algorithm. Pharmacogenomics and Personalized Medicine, 2019, Volume 12, 369-375.	0.4	3
994	Predicting drug-disease associations with heterogeneous network embedding. Chaos, 2019, 29, 123109.	1.0	26
995	Lost in translation: the valley of death across preclinical and clinical divide – identification of problems and overcoming obstacles. Translational Medicine Communications, 2019, 4, .	0.5	299
996	Emetine Synergizes with Cisplatin to Enhance Anti-Cancer Efficacy against Lung Cancer Cells. International Journal of Molecular Sciences, 2019, 20, 5914.	1.8	14
997	Recent advances in the delivery of disulfiram: a critical analysis of promising approaches to improve its pharmacokinetic profile and anticancer efficacy. DARU, Journal of Pharmaceutical Sciences, 2019, 27, 853-862.	0.9	18
998	Network inference with ensembles of bi-clustering trees. BMC Bioinformatics, 2019, 20, 525.	1.2	12
999	Pyrimethamine exerts significant antitumor effects on human ovarian cancer cells both in vitro and in vivo. Anti-Cancer Drugs, 2019, 30, 571-578.	0.7	10
1000	Perioperative Therapies Using Repurposed Drugs to Improve Cancer Surgery Outcomes. Cancer Journal (Sudbury, Mass), 2019, 25, 100-105.	1.0	4
1001	The Benzimidazole-Based Anthelmintic Parbendazole: A Repurposed Drug Candidate That Synergizes with Gemcitabine in Pancreatic Cancer. Cancers, 2019, 11, 2042.	1.7	36
1002	Systematic Design of Drug Repurposing-Oriented Alzheimer's Disease Ontology. , 2019, , .		1
1003	Repurposed Drugs Trials for Ovarian Cancer. Cancer Journal (Sudbury, Mass), 2019, 25, 149-152.	1.0	3
1004	Time-resolved evaluation of compound repositioning predictions on a text-mined knowledge network. BMC Bioinformatics, 2019, 20, 653.	1.2	7

#	ARTICLE	IF	CITATIONS
1005	Transcriptome-Guided Drug Repositioning. <i>Pharmaceutics</i> , 2019, 11, 677.	2.0	26
1006	Synergistic Antibacterial Activity of Designed Trp-Containing Antibacterial Peptides in Combination With Antibiotics Against Multidrug-Resistant <i>Staphylococcus epidermidis</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 2719.	1.5	52
1007	Search for Therapeutic Agents for Cardiac Arrest Using a Drug Discovery Tool and Large-Scale Medical Information Database. <i>Frontiers in Pharmacology</i> , 2019, 10, 1257.	1.6	8
1008	In silico study on identification of novel MALT1 allosteric inhibitors. <i>RSC Advances</i> , 2019, 9, 39338-39347.	1.7	5
1009	CNS repurposing - Potential new uses for old drugs: Examples of screens for Alzheimer's disease, Parkinson's disease and spasticity. <i>Neuropharmacology</i> , 2019, 147, 4-10.	2.0	17
1010	Interactions of Selective Serotonin Reuptake Inhibitors with β -Amyloid. <i>ACS Chemical Neuroscience</i> , 2019, 10, 226-234.	1.7	16
1011	Virtual screening and drug repositioning as strategies for the discovery of new antifungal inhibitors of oxidosqualene cyclase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 185, 189-199.	1.2	12
1012	Recent advances in the discovery of small molecules targeting glioblastoma. <i>European Journal of Medicinal Chemistry</i> , 2019, 164, 8-26.	2.6	16
1013	Sub-lethal effects induced by a mixture of different pharmaceutical drugs in predicted environmentally relevant concentrations on <i>Lithobates catesbeianus</i> (Shaw, 1802) (Anura, ranidae) tadpoles. <i>Environmental Science and Pollution Research</i> , 2019, 26, 600-616.	2.7	24
1014	Aberrant Neuronal Cell Cycle Re-Entry: The Pathological Confluence of Alzheimer's Disease and Brain Insulin Resistance, and Its Relation to Cancer. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 1-11.	1.2	20
1015	Is Autophagy Involved in the Diverse Effects of Antidepressants?. <i>Cells</i> , 2019, 8, 44.	1.8	29
1016	Repositioning of fluoroquinolones from antibiotic to anti-cancer agents: An underestimated truth. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 934-946.	2.5	100
1017	Nicosamide alleviates pulmonary fibrosis in vitro and in vivo by attenuation of epithelial-to-mesenchymal transition, matrix proteins & Wnt/ β -catenin signaling: A drug repurposing study. <i>Life Sciences</i> , 2019, 220, 8-20.	2.0	27
1018	Integrating the drug, disulfiram into the vitamin E-TPGS-modified PEGylated nanostructured lipid carriers to synergize its repurposing for anti-cancer therapy of solid tumors. <i>International Journal of Pharmaceutics</i> , 2019, 557, 374-389.	2.6	39
1019	An Epithelial-to-Mesenchymal Transcriptional Switch Triggers Evolution of Pulmonary Sarcomatoid Carcinoma (PSC) and Identifies Dasatinib as New Therapeutic Option. <i>Clinical Cancer Research</i> , 2019, 25, 2348-2360.	3.2	31
1020	Clinical Needs as a Starting Point for Different Strategies in Computational Drug Development. <i>Drug Research</i> , 2019, 69, 458-466.	0.7	1
1021	Using human experience to identify drug repurposing opportunities: theory and practice. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 680-689.	1.1	13
1022	Bioelectrochemical Systems as Technologies for Studying Drug Interactions Related to Cytochrome P450. <i>BioNanoScience</i> , 2019, 9, 79-86.	1.5	12

#	ARTICLE	IF	CITATIONS
1023	Versatile Synthesis of 4-Aryl Chroman and 1-Aryl Tetralins Through Metal-Free Reductive Arylations. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 753-758.	1.2	4
1024	miR-9 Upregulation Integrates Post-ischemic Neuronal Survival and Regeneration In Vitro. <i>Cellular and Molecular Neurobiology</i> , 2019, 39, 223-240.	1.7	37
1025	Computational Prediction of Drug-Target Interactions via Ensemble Learning. <i>Methods in Molecular Biology</i> , 2019, 1903, 239-254.	0.4	23
1026	The Use of Large-Scale Chemically-Induced Transcriptome Data Acquired from LINCS to Study Small Molecules. <i>Methods in Molecular Biology</i> , 2019, 1888, 189-203.	0.4	2
1027	The drug repurposing landscape from 2012 to 2017: evolution, challenges, and possible solutions. <i>Drug Discovery Today</i> , 2019, 24, 789-795.	3.2	73
1028	Repurposing approach identifies new treatment options for invasive fungal disease. <i>Bioorganic Chemistry</i> , 2019, 84, 87-97.	2.0	9
1029	Drug repurposing: progress, challenges and recommendations. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 41-58.	21.5	2,689
1030	Computational prediction of drug-target interactions using chemogenomic approaches: an empirical survey. <i>Briefings in Bioinformatics</i> , 2019, 20, 1337-1357.	3.2	182
1031	Open-source chemogenomic data-driven algorithms for predicting drug-target interactions. <i>Briefings in Bioinformatics</i> , 2019, 20, 1465-1474.	3.2	28
1032	On the role of message broker middleware for many-task computing on a big-data platform. <i>Cluster Computing</i> , 2019, 22, 2527-2540.	3.5	8
1033	Identification of Alprenolol Hydrochloride as an Anti-prion Compound Using Surface Plasmon Resonance Imaging. <i>Molecular Neurobiology</i> , 2019, 56, 367-377.	1.9	10
1034	Drug knowledge bases and their applications in biomedical informatics research. <i>Briefings in Bioinformatics</i> , 2019, 20, 1308-1321.	3.2	29
1035	Computational Drug Repositioning with Random Walk on a Heterogeneous Network. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2019, 16, 1890-1900.	1.9	47
1036	In silico drug repositioning based on drug-miRNA associations. <i>Briefings in Bioinformatics</i> , 2020, 21, 498-510.	3.2	22
1037	Epigenetic polypharmacology: A new frontier for epigenetic drug discovery. <i>Medicinal Research Reviews</i> , 2020, 40, 190-244.	5.0	74
1038	Combined pharmacophore modeling, 3D-QSAR and docking studies to identify novel HDAC inhibitors using drug repurposing. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 533-547.	2.0	17
1039	<i>Cancer Metabolism</i> . , 2020, , 127-138.e4.		3
1040	Hit identification and drug repositioning of potential non-nucleoside reverse transcriptase inhibitors by structure-based approach using computational tools (part II). <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 3772-3789.	2.0	11

#	ARTICLE	IF	CITATIONS
1041	Heterogeneous information network and its application to human health and disease. Briefings in Bioinformatics, 2020, 21, 1327-1346.	3.2	17
1042	Targeting virulence factors as an antimicrobial approach: Pigment inhibitors. Medicinal Research Reviews, 2020, 40, 293-338.	5.0	18
1043	Using What We Already Have: Uncovering New Drug Repurposing Strategies in Existing Omics Data. Annual Review of Pharmacology and Toxicology, 2020, 60, 333-352.	4.2	39
1044	A novel knock-in mouse model of cryopyrin-associated periodic syndromes with development of amyloidosis: Therapeutic efficacy of proton pump inhibitors. Journal of Allergy and Clinical Immunology, 2020, 145, 368-378.e13.	1.5	14
1045	Recent progress and challenges in drug development to fight hand, foot and mouth disease. Expert Opinion on Drug Discovery, 2020, 15, 359-371.	2.5	18
1046	Old wine in new bottles: Drug repurposing in oncology. European Journal of Pharmacology, 2020, 866, 172784.	1.7	61
1047	Pentamidine inhibits prostate cancer progression via selectively inducing mitochondrial DNA depletion and dysfunction. Cell Proliferation, 2020, 53, e12718.	2.4	20
1048	Drugs, discovery, and dermatology: RenbÅk, research and repurposing. Drug Discovery Today, 2020, 25, 259-262.	3.2	1
1049	Sertraline as a promising antifungal agent: inhibition of growth and biofilm of <i>Candida auris</i> with special focus on the mechanism of action <i>in vitro</i> . Journal of Applied Microbiology, 2020, 128, 426-437.	1.4	38
1050	In-Silico Repurposing of Anticancer Drug (5-FU) as an Antimicrobial Agent Against Methicillin-Resistant Staphylococcus aureus (MRSA). International Journal of Peptide Research and Therapeutics, 2020, 26, 2137-2145.	0.9	2
1051	Leishmanicidal activity of ibuprofen and its complexes with Ni(II), Mn(II) and Pd(II). Inorganic Chemistry Communication, 2020, 113, 107756.	1.8	4
1052	The Cap-Snatching SFTSV Endonuclease Domain Is an Antiviral Target. Cell Reports, 2020, 30, 153-163.e5.	2.9	31
1053	Identification of biomarkers and drug repurposing candidates based on an immune-, inflammation- and membranous glomerulonephritis-associated triplets network for membranous glomerulonephritis. BMC Medical Genomics, 2020, 13, 5.	0.7	6
1054	The antifungal isavuconazole inhibits the entry of lassa virus by targeting the stable signal peptide-GP2 subunit interface of lassa virus glycoprotein. Antiviral Research, 2020, 174, 104701.	1.9	20
1055	Drug repurposing for anticancer therapies. A lesson from proton pump inhibitors. Expert Opinion on Therapeutic Patents, 2020, 30, 15-25.	2.4	31
1056	Advances in understanding and managing <i>Scedosporium</i> respiratory infections in patients with cystic fibrosis. Expert Review of Respiratory Medicine, 2020, 14, 259-273.	1.0	25
1057	In vitro evaluation of the antibacterial activity of amitriptyline and its synergistic effect with ciprofloxacin, sulfamethoxazole-trimethoprim, and colistin as an alternative in drug repositioning. Medicinal Chemistry Research, 2020, 29, 166-177.	1.1	8
1058	Drug repurposing to improve treatment of rheumatic autoimmune inflammatory diseases. Nature Reviews Rheumatology, 2020, 16, 32-52.	3.5	68

#	ARTICLE	IF	CITATIONS
1059	Fenofibrate rapidly decreases hepatic lipid and glycogen storage in neonatal mice with glycogen storage disease type Ia. <i>Human Molecular Genetics</i> , 2020, 29, 286-294.	1.4	16
1060	Dexpramipexole blocks Nav1.8 sodium channels and provides analgesia in multiple nociceptive and neuropathic pain models. <i>Pain</i> , 2020, 161, 831-841.	2.0	22
1061	Combinatorial screening of a panel of FDA-approved drugs identifies several candidates with anti-Ebola activities. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 862-868.	1.0	34
1062	Repurposing of Iloperidone: Antihypertensive and ocular hypotensive activity in animals. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 143, 105173.	1.9	4
1063	Reprofiling of pyrimidine-based DAPK1/CSF1R dual inhibitors: identification of 2,5-diamino-4-pyrimidinol derivatives as novel potential anticancer lead compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 311-324.	2.5	25
1064	Zebrafish as a Platform for Drug Screening. , 2020, , 659-675.		5
1065	Integration of a Nonsteroidal Anti-Inflammatory Drug with Luminescent Copper for <i>in Vivo</i> Cancer Therapy in a Mouse Model. <i>ACS Applied Bio Materials</i> , 2020, 3, 227-238.	2.3	2
1066	Proteomic biomarkers in vitreoretinal disease. , 2020, , 247-254.		0
1067	Identification of Zika Virus NS2B-NS3 Protease Inhibitors by Structure-Based Virtual Screening and Drug Repurposing Approaches. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 731-737.	2.5	36
1068	Finding New Molecular Targets of Familiar Natural Products Using In Silico Target Prediction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7102.	1.8	10
1069	Tyrosine metabolic enzyme HPD is decreased and predicts unfavorable outcomes in hepatocellular carcinoma. <i>Pathology Research and Practice</i> , 2020, 216, 153153.	1.0	10
1070	Pharmacological Targeting of IRE1 in Cancer. <i>Trends in Cancer</i> , 2020, 6, 1018-1030.	3.8	59
1071	Cationic amphiphilic drugs as potential anticancer therapy for bladder cancer. <i>Molecular Oncology</i> , 2020, 14, 3121-3134.	2.1	6
1072	Bicyclic azetidines kill the diarrheal pathogen <i>Cryptosporidium</i> in mice by inhibiting parasite phenylalanyl-tRNA synthetase. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	45
1073	FPSC-DTI: drug-target interaction prediction based on feature projection fuzzy classification and super cluster fusion. <i>Molecular Omics</i> , 2020, 16, 583-591.	1.4	4
1074	Drug Repurposing in Neurological Disorders: Implications for Neurotherapy in Traumatic Brain Injury. <i>Neuroscientist</i> , 2021, 27, 620-649.	2.6	10
1075	Rapamycin as a potential repurpose drug candidate for the treatment of COVID-19. <i>Chemico-Biological Interactions</i> , 2020, 331, 109282.	1.7	51
1076	Integration of genetic variants and gene network for drug repurposing in colorectal cancer. <i>Pharmacological Research</i> , 2020, 161, 105203.	3.1	26

#	ARTICLE	IF	CITATIONS
1077	Data-driven rational biosynthesis design: from molecules to cell factories. <i>Briefings in Bioinformatics</i> , 2020, 21, 1238-1248.	3.2	9
1078	Drug repurposing against Parkinson's disease by text mining the scientific literature. <i>Library Hi Tech</i> , 2020, 38, 741-750.	3.7	19
1079	Screening Repurposing Libraries for Identification of Drugs with Novel Antifungal Activity. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	36
1080	iDrug: Integration of drug repositioning and drug-target prediction via cross-network embedding. <i>PLoS Computational Biology</i> , 2020, 16, e1008040.	1.5	51
1081	Turning the Tide: Natural Products and Natural-Product-Inspired Chemicals as Potential Counters to SARS-CoV-2 Infection. <i>Frontiers in Pharmacology</i> , 2020, 11, 1013.	1.6	59
1082	Repositioning of Anthelmintic Drugs for the Treatment of Cancers of the Digestive System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4957.	1.8	31
1083	Knowledge-driven drug repurposing using a comprehensive drug knowledge graph. <i>Health Informatics Journal</i> , 2020, 26, 2737-2750.	1.1	46
1084	Approaches to Disease Modification for Parkinson's Disease: Clinical Trials and Lessons Learned. <i>Neurotherapeutics</i> , 2020, 17, 1393-1405.	2.1	17
1085	Screening the CALIBR ReFRAME Library in Search for Inhibitors of <i>Candida auris</i> Biofilm Formation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 597931.	1.8	9
1086	Structure-Based Scaffold Repurposing toward the Discovery of Novel Cholinesterase Inhibitors. <i>ACS Omega</i> , 2020, 5, 30971-30979.	1.6	6
1087	Reprofiling of approved drugs against SARS-CoV-2 main protease: an in-silico study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 3170-3184.	2.0	20
1088	A Novel Pipeline for Drug Repurposing for Bladder Cancer Based on Patients's Omics Signatures. <i>Cancers</i> , 2020, 12, 3519.	1.7	12
1089	Overview of Antifungal Drugs against <i>Paracoccidioidomycosis</i> : How Do We Start, Where Are We, and Where Are We Going?. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 300.	1.5	15
1090	Drug Repurposing (DR): An Emerging Approach in Drug Discovery. , 0, , .		77
1091	Human variation in response to food and nutrients. <i>Nutrition Reviews</i> , 2020, 78, 49-52.	2.6	2
1092	Drug Repurposing and Orphan Disease Therapeutics. , 0, , .		11
1093	Repurposing Napabucasin as an Antimicrobial Agent against Oral Streptococcal Biofilms. <i>BioMed Research International</i> , 2020, 2020, 1-9.	0.9	9
1094	Repurposing of Fluvastatin as an Anticancer Agent against Breast Cancer Stem Cells via Encapsulation in a Hyaluronan-Conjugated Liposome. <i>Pharmaceutics</i> , 2020, 12, 1133.	2.0	7

#	ARTICLE	IF	CITATIONS
1095	Patents, Data Exclusivity, and the Development of New Drugs. Review of Economics and Statistics, 2022, 104, 571-586.	2.3	6
1096	Using the drug repositioning approach to develop a novel therapy, tipegidine hibenazate sustained-release tablet (TS-141), for children and adolescents with attention-deficit/hyperactivity disorder. BMC Psychiatry, 2020, 20, 530.	1.1	7
1097	Drug Screening and Drug Repositioning as Promising Therapeutic Approaches for Spinal Muscular Atrophy Treatment. Frontiers in Pharmacology, 2020, 11, 592234.	1.6	20
1098	Reprogramming of antibiotics to combat antimicrobial resistance. Archiv Der Pharmazie, 2020, 353, e2000168.	2.1	15
1099	Profiling ^{Drug-Protein} Interactions by Micro Column Affinity Purification Combined with Label Free Quantification Proteomics^{â€}. Chinese Journal of Chemistry, 2020, 38, 1681-1685.	2.6	5
1100	In Silico Drug Repositioning Using Omics Data: The Potential and Pitfalls. , 2020, , 929-947.		0
1101	Verification of interfacial monolayer conformation of weakly hydrophilic diamide derivatives possessing a fluorocarbon-sandwiched hydrocarbon. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 606, 125389.	2.3	2
1102	Ropinirole, a potential drug for systematic repositioning based on side effect profile for management and treatment of breast cancer. Medical Hypotheses, 2020, 144, 110156.	0.8	4
1103	Identification of Cardiac Glycosides as Novel Inhibitors of eIF4A1-Mediated Translation in Triple-Negative Breast Cancer Cells. Cancers, 2020, 12, 2169.	1.7	20
1104	Emerging Therapeutic Modalities against COVID-19. Pharmaceuticals, 2020, 13, 188.	1.7	24
1105	Valinomycin as a potential antiviral agent against coronaviruses: A review. Biomedical Journal, 2020, 43, 414-423.	1.4	22
1106	Doxazosin, a Classic Alpha 1-Adrenoceptor Antagonist, Overcomes Osimertinib Resistance in Cancer Cells via the Upregulation of Autophagy as Drug Repurposing. Biomedicines, 2020, 8, 273.	1.4	13
1107	Overcoming epithelial-mesenchymal transition-mediated drug resistance with monensin-based combined therapy in non-small cell lung cancer. Biochemical and Biophysical Research Communications, 2020, 529, 760-765.	1.0	5
1108	Investigating the binding affinity, interaction, and structure-activity-relationship of 76 prescription antiviral drugs targeting RdRp and Mpro of SARS-CoV-2. Journal of Biomolecular Structure and Dynamics, 2021, 39, 6290-6305.	2.0	29
1109	Optimization of Acetazolamide-Based Scaffold as Potent Inhibitors of Vancomycin-Resistant <i>Enterococcus</i>. Journal of Medicinal Chemistry, 2020, 63, 9540-9562.	2.9	57
1110	<i>In silico</i> drug design and molecular docking studies targeting Art1 (RAC-alpha) [J ETQq1 I 0.784314 rgBI /Overlock 10 If 50 15] investigation of CYP (cytochrome P450) inhibitors against MAOB (monoamine oxidase B) for OSCC (oral squamous cell carcinoma) treatment. Journal of Biomolecular Structure and Dynamics, 2021, 39, 6467-6479.	2.0	19
1111	Mechanisms of Action for Small Molecules Revealed by Structural Biology in Drug Discovery. International Journal of Molecular Sciences, 2020, 21, 5262.	1.8	34
1112	Repurposing Drugs to Fight Hepatic Malaria Parasites. Molecules, 2020, 25, 3409.	1.7	10

#	ARTICLE	IF	CITATIONS
1113	Clinical trials to assess adjuvant therapeutics for severe malaria. <i>Malaria Journal</i> , 2020, 19, 268.	0.8	6
1114	A review of computational drug repositioning: strategies, approaches, opportunities, challenges, and directions. <i>Journal of Cheminformatics</i> , 2020, 12, 46.	2.8	194
1115	Small-molecule active pharmaceutical ingredients of approved cancer therapeutics inhibit human aspartate/asparagine-1 ² -hydroxylase. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115675.	1.4	8
1116	Hexosomes as Efficient Platforms for Possible Fluoxetine Hydrochloride Repurposing with Improved Cytotoxicity against HepG2 Cells. <i>ACS Omega</i> , 2020, 5, 26697-26709.	1.6	15
1117	Psychotropic Drugs Show Anticancer Activity by Disrupting Mitochondrial and Lysosomal Function. <i>Frontiers in Oncology</i> , 2020, 10, 562196.	1.3	23
1118	Recycling the Purpose of Old Drugs to Treat Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7768.	1.8	18
1119	Identification of SARS-CoV-2 entry inhibitors among already approved drugs. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1347-1353.	2.8	66
1120	Comparison of 10 Control hPSC Lines for Drug Screening in an Engineered Heart Tissue Format. <i>Stem Cell Reports</i> , 2020, 15, 983-998.	2.3	45
1121	The fatty-acid amide hydrolase inhibitor URB597 inhibits MICA/B shedding. <i>Scientific Reports</i> , 2020, 10, 15556.	1.6	6
1122	Statistical models for identifying frequent hitters in high throughput screening. <i>Scientific Reports</i> , 2020, 10, 17200.	1.6	5
1123	A compound combination screening approach with potential to identify new treatment options for paediatric acute myeloid leukaemia. <i>Scientific Reports</i> , 2020, 10, 18514.	1.6	5
1124	Recent advances and new strategies on leishmaniasis treatment. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 8965-8977.	1.7	107
1125	Off-Patent Drug Repositioning. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5746-5753.	2.5	14
1126	Gabapentin Inhibits Multiple Steps in the Amyloid Beta Toxicity Cascade. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3064-3076.	1.7	8
1127	Investigating Core Signaling Pathways of Hepatitis B Virus Pathogenesis for Biomarkers Identification and Drug Discovery via Systems Biology and Deep Learning Method. <i>Biomedicines</i> , 2020, 8, 320.	1.4	5
1128	Repurposing simeprevir, calpain inhibitor IV and a cathepsin F inhibitor against SARS-CoV-2 and insights into their interactions with M ^{pro} . <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 325-336.	2.0	26
1129	Drug Repositioning: New Approaches and Future Prospects for Life-Debilitating Diseases and the COVID-19 Pandemic Outbreak. <i>Viruses</i> , 2020, 12, 1058.	1.5	81
1130	Co-targeting of lysosome and mitophagy in cancer stem cells with chloroquine analogues and antibiotics. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11667-11679.	1.6	13

#	ARTICLE	IF	CITATIONS
1131	NEDD: a network embedding based method for predicting drug-disease associations. BMC Bioinformatics, 2020, 21, 387.	1.2	23
1132	Computational Drug Repositioning: Current Progress and Challenges. Applied Sciences (Switzerland), 2020, 10, 5076.	1.3	24
1133	Autonomous glucose metabolic reprogramming of tumour cells under hypoxia: opportunities for targeted therapy. Journal of Experimental and Clinical Cancer Research, 2020, 39, 185.	3.5	13
1134	Drug repurposing for schistosomiasis: molecular docking and dynamics investigations. Journal of Biomolecular Structure and Dynamics, 2022, 40, 995-1009.	2.0	3
1135	Physicochemical characterization and in vitro biological evaluation of solid compounds from furazolidone-based cyclodextrins for use as leishmanicidal agents. Drug Delivery and Translational Research, 2020, 10, 1788-1809.	3.0	12
1136	Activity of Amphotericin B-Loaded Chitosan Nanoparticles against Experimental Cutaneous Leishmaniasis. Molecules, 2020, 25, 4002.	1.7	35
1137	Carprofen elicits pleiotropic mechanisms of bactericidal action with the potential to reverse antimicrobial drug resistance in tuberculosis. Journal of Antimicrobial Chemotherapy, 2020, 75, 3194-3201.	1.3	16
1138	Pathway-Guided Deep Neural Network toward Interpretable and Predictive Modeling of Drug Sensitivity. Journal of Chemical Information and Modeling, 2020, 60, 4497-4505.	2.5	31
1139	Progress in Developing Inhibitors of SARS-CoV-2 3C-Like Protease. Microorganisms, 2020, 8, 1250.	1.6	90
1140	Drug-Target Interaction Prediction in Coronavirus Disease 2019 Case Using Deep Semi-Supervised Learning Model. , 2020, , .		5
1141	Analysis of Biological Screening Compounds with Single- or Multi-Target Activity via Diagnostic Machine Learning. Biomolecules, 2020, 10, 1605.	1.8	13
1142	High-Throughput Identification of Antibacterials Against Pseudomonas aeruginosa. Frontiers in Microbiology, 2020, 11, 591426.	1.5	14
1143	Beyond TNBC: Repositioning of Clofazimine Against a Broad Range of Wnt-Dependent Cancers. Frontiers in Oncology, 2020, 10, 602817.	1.3	16
1144	Epidrug Repurposing: Discovering New Faces of Old Acquaintances in Cancer Therapy. Frontiers in Oncology, 2020, 10, 605386.	1.3	44
1145	Tree-Based QSAR Model for Drug Repurposing in the Discovery of New Antibacterial Compounds against Escherichia coli. Pharmaceuticals, 2020, 13, 431.	1.7	10
1146	Repurposing INCI-registered compounds as skin prebiotics for probiotic Staphylococcus epidermidis against UV-B. Scientific Reports, 2020, 10, 21585.	1.6	7
1147	Hybrid attentional memory network for computational drug repositioning. BMC Bioinformatics, 2020, 21, 566.	1.2	6
1148	Patient-Derived Tumor Organoids for Drug Repositioning in Cancer Care: A Promising Approach in the Era of Tailored Treatment. Cancers, 2020, 12, 3636.	1.7	23

#	ARTICLE	IF	CITATIONS
1149	A High-Content Screen for Mucin-1-Reducing Compounds Identifies Fostamatinib as a Candidate for Rapid Repurposing for Acute Lung Injury. <i>Cell Reports Medicine</i> , 2020, 1, 100137.	3.3	56
1150	Systematic Data Analysis and Diagnostic Machine Learning Reveal Differences between Compounds with Single- and Multitarget Activity. <i>Molecular Pharmaceutics</i> , 2020, 17, 4652-4666.	2.3	14
1151	Artificial intelligence in the pharmaceutical sector: current scene and future prospect. , 2020, , 73-107.		16
1152	Will Colchicine Soon Be Part of Primary and Secondary Cardiovascular Prevention?. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1697-1699.	0.8	4
1153	A New Computational Approach to Evaluating Systemic Gene-Gene Interactions in a Pathway Affected by Drug LY294002. <i>Processes</i> , 2020, 8, 1230.	1.3	2
1154	Drug Repurposing for Triple-Negative Breast Cancer. <i>Journal of Personalized Medicine</i> , 2020, 10, 200.	1.1	29
1155	Barriers and facilitators of exploiting the potential of value-added medicines. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2020, 20, 229-236.	0.7	7
1156	Whole-Cell Phenotypic Screening of Medicines for Malaria Venture Pathogen Box Identifies Specific Inhibitors of <i>Plasmodium falciparum</i> Late-Stage Development and Egress. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	10
1157	Identification of Antiviral Drug Candidates against SARS-CoV-2 from FDA-Approved Drugs. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	539
1158	Repurposing Old Drugs into New Epigenetic Inhibitors: Promising Candidates for Cancer Treatment?. <i>Pharmaceutics</i> , 2020, 12, 410.	2.0	20
1159	Connectivity map-based drug repositioning of bortezomib to reverse the metastatic effect of GALNT14 in lung cancer. <i>Oncogene</i> , 2020, 39, 4567-4580.	2.6	22
1160	Knowledge-based structural models of SARS-CoV-2 proteins and their complexes with potential drugs. <i>FEBS Letters</i> , 2020, 594, 1960-1973.	1.3	21
1161	Two old drugs, NVP-AEW541 and GSK-J4, repurposed against the <i>Toxoplasma gondii</i> RH strain. <i>Parasites and Vectors</i> , 2020, 13, 242.	1.0	16
1162	Repurposing Fenamic Acid Drugs To Combat Multidrug-Resistant <i>Neisseria gonorrhoeae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	20
1163	Drug repurposing against COVID-19: focus on anticancer agents. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 86.	3.5	57
1164	Potential therapeutic targets for combating SARS-CoV-2: Drug repurposing, clinical trials and recent advancements. <i>Life Sciences</i> , 2020, 256, 117883.	2.0	114
1165	Machine-Learning Prediction of Oral Drug-Induced Liver Injury (DILI) via Multiple Features and Endpoints. <i>BioMed Research International</i> , 2020, 2020, 1-10.	0.9	9
1166	Exploring solid forms of oxytetracycline hydrochloride. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119496.	2.6	9

#	ARTICLE	IF	CITATIONS
1167	Limitations of Animal Studies for Predicting Toxicity in Clinical Trials. <i>JACC Basic To Translational Science</i> , 2020, 5, 387-397.	1.9	70
1168	Drug repurposing in the era of COVID-19: a call for leadership and government investment. <i>Medical Journal of Australia</i> , 2020, 212, 450.	0.8	14
1169	Drug repositioning or target repositioning: A structural perspective of drug-target-indication relationship for available repurposed drugs. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1043-1055.	1.9	44
1170	A PHASE IIA STUDY REPOSITIONING DESIPRAMINE IN SMALL CELL LUNG CANCER AND OTHER HIGH-GRADE NEUROENDOCRINE TUMORS. <i>Cancer Treatment and Research Communications</i> , 2020, 23, 100174.	0.7	10
1171	The proteasome as a druggable target with multiple therapeutic potentialities: Cutting and non-cutting edges. , 2020, 213, 107579.		62
1172	Constructing treatment episodes from concomitant medication logs: a prospective observational study. <i>BMJ Open</i> , 2020, 10, e034305.	0.8	3
1173	Drug repurposing against SARS-CoV-2 using E-pharmacophore based virtual screening, molecular docking and molecular dynamics with main protease as the target. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 4647-4658.	2.0	62
1174	A novel drug repurposing approach for non-small cell lung cancer using deep learning. <i>PLoS ONE</i> , 2020, 15, e0233112.	1.1	23
1175	The discovery of potential phosphopantetheinyl transferase Ppt2 inhibitors against drug-resistant <i>Candida albicans</i> . <i>Brazilian Journal of Microbiology</i> , 2020, 51, 1665-1672.	0.8	4
1176	Antiviral Natural Products for Arbovirus Infections. <i>Molecules</i> , 2020, 25, 2796.	1.7	39
1177	“How can a drug to treat claudication in adults save preterm newborns?” <i>European Journal of Pediatrics</i> , 2020, 179, 1331-1334.	1.3	2
1178	Second Generation of Zafirlukast Derivatives with Improved Activity against the Oral Pathogen <i>Porphyromonas gingivalis</i> . <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1905-1912.	1.3	5
1179	Drug Repurposing Strategy against Fungal Biofilms. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 509-516.	1.0	5
1180	Drug repurposing in cardiovascular diseases: Opportunity or hopeless dream?. <i>Biochemical Pharmacology</i> , 2020, 177, 113894.	2.0	8
1181	The suppressive effect of dabrafenib, a therapeutic agent for metastatic melanoma, in IgE-mediated allergic inflammation. <i>International Immunopharmacology</i> , 2020, 83, 106398.	1.7	2
1182	Multiparametric Assays for Accelerating Early Drug Discovery. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 318-335.	4.0	14
1183	Synthetic Lethality Screening Identifies FDA-Approved Drugs that Overcome ATP7B-Mediated Tolerance of Tumor Cells to Cisplatin. <i>Cancers</i> , 2020, 12, 608.	1.7	25
1184	HNet-DNN: Inferring New Drug-Disease Associations with Deep Neural Network Based on Heterogeneous Network Features. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 2367-2376.	2.5	19

#	ARTICLE	IF	CITATIONS
1185	In silico drug repositioning of FDA-approved drugs to predict new inhibitors for alpha-synuclein aggregation. <i>Computational Biology and Chemistry</i> , 2020, 88, 107308.	1.1	4
1186	Global research on artemisinin and its derivatives: Perspectives from patents. <i>Pharmacological Research</i> , 2020, 159, 105048.	3.1	16
1188	Drug targets for COVID-19 therapeutics: Ongoing global efforts. <i>Journal of Biosciences</i> , 2020, 45, 1.	0.5	69
1189	Repurposing old drugs to fight multidrug resistant cancers. <i>Drug Resistance Updates</i> , 2020, 52, 100713.	6.5	60
1190	DTiGEMS+: drug–target interaction prediction using graph embedding, graph mining, and similarity-based techniques. <i>Journal of Cheminformatics</i> , 2020, 12, 44.	2.8	62
1191	Exploring different approaches to improve the success of drug discovery and development projects: a review. <i>Future Journal of Pharmaceutical Sciences</i> , 2020, 6, .	1.1	81
1192	Estrogen Receptors and Estrogen-Induced Uterine Vasodilation in Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4349.	1.8	42
1193	Drug repositioning based on the target microRNAs using bilateral-inductive matrix completion. <i>Molecular Genetics and Genomics</i> , 2020, 295, 1305-1314.	1.0	5
1194	Bioentity2vec: Attribute- and behavior-driven representation for predicting multi-type relationships between bioentities. <i>GigaScience</i> , 2020, 9, .	3.3	10
1195	Identification of a Broad-Spectrum Viral Inhibitor Targeting a Novel Allosteric Site in the RNA-Dependent RNA Polymerases of Dengue Virus and Norovirus. <i>Frontiers in Microbiology</i> , 2020, 11, 1440.	1.5	14
1196	Drug repurposing: Discovery of troxipide analogs as potent antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112471.	2.6	11
1197	Bleomycin modulates amyloid aggregation in β 2-amyloid and hIAPP. <i>RSC Advances</i> , 2020, 10, 25929-25946.	1.7	15
1198	High-Throughput Algorithm for Discovering New Drug Indications by Utilizing Large-Scale Electronic Medical Record Data. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 1299-1307.	2.3	7
1199	The potential of drug repurposing to face bacterial and fungal biofilm infections. , 2020, , 307-328.		3
1200	Turning genome-wide association study findings into opportunities for drug repositioning. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 1639-1650.	1.9	21
1201	Drug-target interaction prediction with tree-ensemble learning and output space reconstruction. <i>BMC Bioinformatics</i> , 2020, 21, 49.	1.2	47
1202	Repurposing the serotonin agonist TegaseroD as an anticancer agent in melanoma: molecular mechanisms and clinical implications. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 38.	3.5	21
1203	Biapenem as a Novel Insight into Drug Repositioning against Particulate Matter-Induced Lung Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1462.	1.8	5

#	ARTICLE	IF	CITATIONS
1204	Drug-Target Interaction Prediction: End-to-End Deep Learning Approach. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 2364-2374.	1.9	30
1205	Denatured food protein-coated nanosuspension: A promising approach for anticancer delivery of hydrophobic drug. <i>Journal of Molecular Liquids</i> , 2020, 303, 112690.	2.3	21
1206	On-Label or Off-Label? Overcoming Regulatory and Financial Barriers to Bring Repurposed Medicines to Cancer Patients. <i>Frontiers in Pharmacology</i> , 2019, 10, 1664.	1.6	44
1207	Broad Spectrum Antiviral Agent Niclosamide and Its Therapeutic Potential. <i>ACS Infectious Diseases</i> , 2020, 6, 909-915.	1.8	252
1208	Exploitation of a novel phenothiazine derivative for its anti-cancer activities in malignant glioblastoma. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 261-274.	2.2	26
1209	Computational approaches for drug discovery against trypanosomatid-caused diseases. <i>Parasitology</i> , 2020, 147, 611-633.	0.7	17
1210	DDAPRED: a computational method for predicting drug repositioning using regularized logistic matrix factorization. <i>Journal of Molecular Modeling</i> , 2020, 26, 60.	0.8	5
1211	Development of celecoxib-derived antifungals for crop protection. <i>Bioorganic Chemistry</i> , 2020, 97, 103670.	2.0	9
1212	Searching for drugs for Chagas disease, leishmaniasis and schistosomiasis: a review. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105906.	1.1	65
1213	Transcriptional profiling indicates cAMP-driven reversal of HIV latency in monocytes occurs via transcription factor SP-1. <i>Virology</i> , 2020, 542, 40-53.	1.1	4
1214	Identification and Characterization of Novel Compounds with Broad-Spectrum Antiviral Activity against Influenza A and B Viruses. <i>Journal of Virology</i> , 2020, 94, .	1.5	48
1215	Computational approach to target USP28 for regulating Myc. <i>Computational Biology and Chemistry</i> , 2020, 85, 107208.	1.1	5
1216	Drug-target interaction prediction using Multi Graph Regularized Nuclear Norm Minimization. <i>PLoS ONE</i> , 2020, 15, e0226484.	1.1	30
1218	Technical Blossom in Medical Care: The Influence of Big Data Platform on Medical Innovation. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 516.	1.2	8
1219	Reveal the interaction mechanism of five old drugs targeting VEGFR2 through computational simulations. <i>Journal of Molecular Graphics and Modelling</i> , 2020, 96, 107538.	1.3	4
1220	A comparative chemogenic analysis for predicting Drug-Target Pair via Machine Learning Approaches. <i>Scientific Reports</i> , 2020, 10, 6870.	1.6	12
1221	Alternatives for the treatment of infections caused by ESKAPE pathogens. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2020, 45, 863-873.	0.7	12
1222	Mining Drug-Target Associations in Cancer: Analysis of Gene Expression and Drug Activity Correlations. <i>Biomolecules</i> , 2020, 10, 667.	1.8	9

#	ARTICLE	IF	CITATIONS
1223	DLS: A Link Prediction Method Based on Network Local Structure for Predicting Drug-Protein Interactions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 330.	2.0	16
1224	A medicinal chemistry perspective of drug repositioning: Recent advances and challenges in drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2020, 195, 112275.	2.6	72
1225	Network topology and machine learning analyses reveal microstructural white matter changes underlying Chinese medicine Dengzhan Shengmai treatment on patients with vascular cognitive impairment. <i>Pharmacological Research</i> , 2020, 156, 104773.	3.1	22
1226	Strategic Moves of “Superbugs” Against Available Chemical Scaffolds: Signaling, Regulation, and Challenges. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 373-400.	2.5	22
1227	Screening of Natural Products and Approved Oncology Drug Libraries for Activity against <i>Clostridioides difficile</i> . <i>Scientific Reports</i> , 2020, 10, 5966.	1.6	9
1228	Antiplasmodial Activity of p-Substituted Benzyl Thiazinoquinone Derivatives and Their Potential against Parasitic Infections. <i>Molecules</i> , 2020, 25, 1530.	1.7	3
1229	Antifungal drug screening: thinking outside the box to identify novel antifungal scaffolds. <i>Current Opinion in Microbiology</i> , 2020, 57, 1-6.	2.3	12
1230	Effects of 5-HT _{2C} receptor modulation and the NA reuptake inhibitor atomoxetine in tests of compulsive and impulsive behaviour. <i>Neuropharmacology</i> , 2020, 170, 108064.	2.0	20
1231	Repurposing of respiratory drug theophylline against <i>Candida albicans</i> : mechanistic insights unveil alterations in membrane properties and metabolic fitness. <i>Journal of Applied Microbiology</i> , 2020, 129, 860-875.	1.4	14
1232	Mining Complex Biomedical Literature for Actionable Knowledge on Rare Diseases. <i>Human Perspectives in Health Sciences and Technology</i> , 2020, , 77-94.	0.2	4
1233	Repurposing a platelet aggregation inhibitor ticagrelor as an antimicrobial against <i>Clostridioides difficile</i> . <i>Scientific Reports</i> , 2020, 10, 6497.	1.6	13
1234	QuartataWeb: Integrated Chemical-Protein-Pathway Mapping for Polypharmacology and Chemogenomics. <i>Bioinformatics</i> , 2020, 36, 3935-3937.	1.8	23
1235	Drug repositioning: a brief overview. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 1145-1151.	1.2	185
1236	Calcium Channels as Novel Therapeutic Targets for Ovarian Cancer Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2327.	1.8	35
1237	Drug repositioning by prediction of drug’s anatomical therapeutic chemical code via network-based inference approaches. <i>Briefings in Bioinformatics</i> , 2021, 22, 2058-2072.	3.2	25
1238	Drug rechanneling: A novel paradigm for cancer treatment. <i>Seminars in Cancer Biology</i> , 2021, 68, 279-290.	4.3	28
1239	Identification of important genes and drug repurposing based on clinical-centered analysis across human cancers. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 282-289.	2.8	3
1240	Drug Repurposing for COVID-19: Ethical Considerations and Roadmaps. <i>Cambridge Quarterly of Healthcare Ethics</i> , 2021, 30, 51-58.	0.5	9

#	ARTICLE	IF	CITATIONS
1241	Repositioning drugs for systemic lupus erythematosus. , 2021, , 641-652.		0
1242	A comprehensive integrated drug similarity resource for <i>in-silico</i> drug repositioning and beyond. Briefings in Bioinformatics, 2021, 22, .	3.2	10
1243	Turning liabilities into opportunities: Off-target based drug repurposing in cancer. Seminars in Cancer Biology, 2021, 68, 209-229.	4.3	39
1244	Structure-based drug repositioning: Potential and limits. Seminars in Cancer Biology, 2021, 68, 192-198.	4.3	26
1245	SNFâ€CVAE: Computational method to predict drugâ€Cdisease interactions using similarity network fusion and collective variational autoencoder. Knowledge-Based Systems, 2021, 212, 106585.	4.0	28
1246	Integrating research into a molecular cloning course to address the evolving biotechnology landscape. Biochemistry and Molecular Biology Education, 2021, 49, 115-128.	0.5	6
1247	Sustainability framework for pharmaceutical manufacturing (PM): A review of research landscape and implementation barriers for circular economy transition. Journal of Cleaner Production, 2021, 280, 124264.	4.6	42
1248	Current advances in ligandâ€Cbased target prediction. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2021, 11, e1504.	6.2	20
1249	Amitriptyline Downregulates Chronic Inflammatory Response to Biomaterial in Mice. Inflammation, 2021, 44, 580-591.	1.7	6
1250	The Future of Antifungal Drug Therapy: Novel Compounds and Targets. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	57
1251	A drug repositioning success: The repositioned therapeutic applications and mechanisms of action of thalidomide. Journal of Oncology Pharmacy Practice, 2021, 27, 673-678.	0.5	24
1252	PROMISCUOUS 2.0: a resource for drug-repositioning. Nucleic Acids Research, 2021, 49, D1373-D1380.	6.5	21
1253	A combination of Olea europaea leaf extract and Spirodela polyrhiza extract alleviates atopic dermatitis by modulating immune balance and skin barrier function in a 1-chloro-2,4-dinitrobenzene-induced murine model. Phytomedicine, 2021, 82, 153407.	2.3	11
1254	Chemogenomics and bioinformatics approaches for prioritizing kinases as drug targets for neglected tropical diseases. Advances in Protein Chemistry and Structural Biology, 2021, 124, 187-223.	1.0	2
1255	GraphDTA: predicting drugâ€Ctarget binding affinity with graph neural networks. Bioinformatics, 2021, 37, 1140-1147.	1.8	343
1256	Predicting the Molecular Mechanism of EGFR Domain II Dimer Binding Interface by Machine Learning to Identify Potent Small Molecule Inhibitor for Treatment of Cancer. Journal of Pharmaceutical Sciences, 2021, 110, 727-737.	1.6	2
1257	DrugSpaceX: a large screenable and synthetically tractable database extending drug space. Nucleic Acids Research, 2021, 49, D1170-D1178.	6.5	23
1258	Drug Reâ€Cpositioning Studies for Novel HIVâ€C1 Inhibitors Using Binary QSAR Models and Multiâ€Ctargetâ€Cdriven <i>In Silico</i> Studies. Molecular Informatics, 2021, 40, e2000012.	1.4	6

#	ARTICLE	IF	CITATIONS
1259	Artificial Intelligence Effecting a Paradigm Shift in Drug Development. <i>SLAS Technology</i> , 2021, 26, 3-15.	1.0	12
1260	Molecular dynamics simulation of docking structures of SARS-CoV-2 main protease and HIV protease inhibitors. <i>Journal of Molecular Structure</i> , 2021, 1225, 129143.	1.8	30
1261	CaNDiS: a web server for investigation of causal relationships between diseases, drugs and drug targets. <i>Bioinformatics</i> , 2021, 37, 885-887.	1.8	4
1262	Drugs, host proteins and viral proteins: how their promiscuities shape antiviral design. <i>Biological Reviews</i> , 2021, 96, 205-222.	4.7	7
1263	An Analytical Review of Computational Drug Repurposing. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 472-488.	1.9	28
1264	Drug repurposing for breast cancer therapy: Old weapon for new battle. <i>Seminars in Cancer Biology</i> , 2021, 68, 8-20.	4.3	74
1265	Repurposing quinacrine for treatment-refractory cancer. <i>Seminars in Cancer Biology</i> , 2021, 68, 21-30.	4.3	52
1266	Systems biology based drug repositioning for development of cancer therapy. <i>Seminars in Cancer Biology</i> , 2021, 68, 47-58.	4.3	54
1267	A Novel Drug Repositioning Approach Based on Collaborative Metric Learning. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, 18, 463-471.	1.9	11
1268	Current state and future perspective of drug repurposing in malignant glioma. <i>Seminars in Cancer Biology</i> , 2021, 68, 92-104.	4.3	35
1269	Repurposing of plant alkaloids for cancer therapy: Pharmacology and toxicology. <i>Seminars in Cancer Biology</i> , 2021, 68, 143-163.	4.3	49
1270	Drug Repurposing. , 2021, , .		4
1271	Drug repurposing and nanoparticles: New strategies against leishmaniasis. , 2021, , 217-241.		0
1272	Repositioning antispasmodic drug Papaverine for the treatment of chronic myeloid leukemia. <i>Pharmacological Reports</i> , 2021, 73, 615-628.	1.5	7
1273	Yeast-based high-throughput screens for discovery of kinase inhibitors for neglected diseases. <i>Advances in Protein Chemistry and Structural Biology</i> , 2021, 124, 275-309.	1.0	0
1274	Experimental Repositioning of Geranylgeranylacetone to Enhance Bone Remodeling. <i>Journal of Hard Tissue Biology</i> , 2021, 30, 1-6.	0.2	0
1275	Lignin-based materials for drug and gene delivery. , 2021, , 327-370.		1
1276	A Multimodal Framework for Improving <i>in Silico</i> Drug Repositioning With the Prior Knowledge From Knowledge Graphs. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2022, 19, 2623-2631.	1.9	12

#	ARTICLE	IF	CITATIONS
1277	Drugmonizome and Drugmonizome-ML: integration and abstraction of small molecule attributes for drug enrichment analysis and machine learning. Database: the Journal of Biological Databases and Curation, 2021, 2021, .	1.4	19
1278	Search, Identification, and Design of Effective Antiviral Drugs Against Pandemic Human Coronaviruses. Advances in Experimental Medicine and Biology, 2021, 1322, 219-260.	0.8	5
1279	Safe-in-Man Broad Spectrum Antiviral Agents. Advances in Experimental Medicine and Biology, 2021, 1322, 313-337.	0.8	1
1280	Drug Discovery by Drug Repurposing: Combating COVID-19 in the 21st Century. Mini-Reviews in Medicinal Chemistry, 2021, 21, 3-9.	1.1	6
1281	Evaluation of drug repositioning by molecular docking of pharmaceutical resources available in the Brazilian healthcare system against SARS-CoV-2. Informatics in Medicine Unlocked, 2021, 23, 100539.	1.9	15
1282	DrugRepV: a compendium of repurposed drugs and chemicals targeting epidemic and pandemic viruses. Briefings in Bioinformatics, 2021, 22, 1076-1084.	3.2	17
1283	Repurposing approved therapeutics for new indication: Addressing unmet needs in psoriasis treatment. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100041.	1.7	12
1284	Gauging the role and impact of drug interactions and repurposing in neurodegenerative disorders. Current Research in Pharmacology and Drug Discovery, 2021, 2, 100022.	1.7	5
1285	Appraisal of the Antiarthritic Potential of Prazosin via Inhibition of Proinflammatory Cytokine TNF- α : A Key Player in Rheumatoid Arthritis. ACS Omega, 2021, 6, 2379-2388.	1.6	11
1286	From Homology Modeling to the Hit Identification and Drug Repurposing: A Structure-Based Approach in the Discovery of Novel Potential Anti-Obesity Compounds. Methods in Molecular Biology, 2021, 2266, 263-277.	0.4	3
1287	Lipid polymer hybrid nanocarriers as a combinatory platform for different anti-SARS-CoV-2 drugs supported by computational studies. RSC Advances, 2021, 11, 28876-28891.	1.7	4
1288	Drug repurposing for opioid use disorders: integration of computational prediction, clinical corroboration, and mechanism of action analyses. Molecular Psychiatry, 2021, 26, 5286-5296.	4.1	19
1289	Drug Repositioning in Oncology. American Journal of Therapeutics, 2021, 28, e111-e117.	0.5	16
1290	Biomedical Data and Deep Learning Computational Models for Predicting Compound-Protein Relations. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2022, 19, 2092-2110.	1.9	11
1291	Treading a HOSTile path: Mapping the dynamic landscape of host cell-rotavirus interactions to explore novel host-directed curative dimensions. Virulence, 2021, 12, 1022-1062.	1.8	10
1292	Modeling Inflammation in Zebrafish for the Development of Anti-inflammatory Drugs. Frontiers in Cell and Developmental Biology, 2020, 8, 620984.	1.8	59
1294	SNF-NN: computational method to predict drug-disease interactions using similarity network fusion and neural networks. BMC Bioinformatics, 2021, 22, 28.	1.2	29
1295	Drug Sensitivity and Drug Repurposing Platform for Cancer Precision Medicine. Advances in Experimental Medicine and Biology, 2021, 1326, 47-53.	0.8	6

#	ARTICLE	IF	CITATIONS
1296	Screening of FDA-Approved Drug Library Identifies Adefovir Dipivoxil as Highly Potent Inhibitor of T Cell Proliferation. <i>Frontiers in Immunology</i> , 2020, 11, 616570.	2.2	5
1297	Screening anti-metastasis drugs by cell adhesion-induced color change in a biochip. <i>Lab on A Chip</i> , 2021, 21, 2955-2970.	3.1	5
1298	An overview of potential inhibitors targeting non-structural proteins 3 (PLpro and Mac1) and 5 (3CLpro/Mpro) of SARS-CoV-2. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4868-4883.	1.9	39
1299	Prediction of Drug-Related Diseases Through Integrating Pairwise Attributes and Neighbor Topological Structures. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2022, 19, 2963-2974.	1.9	3
1300	Deciphering cell-type specific signal transduction in the brain: Challenges and promises. <i>Advances in Pharmacology</i> , 2021, 90, 145-171.	1.2	0
1301	Identification of potential antivirals against SARS-CoV-2 using virtual screening method. <i>Informatics in Medicine Unlocked</i> , 2021, 23, 100531.	1.9	17
1302	Transcriptomic Approaches in Understanding SARS-CoV-2 Infection. , 2021, , 221-239.		0
1303	Potential repurposing of four FDA approved compounds with antiplasmodial activity identified through proteome scale computational drug discovery and in vitro assay. <i>Scientific Reports</i> , 2021, 11, 1413.	1.6	14
1304	Drug combination and repurposing for cancer therapy: the example of breast cancer. <i>Heliyon</i> , 2021, 7, e05948.	1.4	48
1305	Gene expression signatures of target tissues in type 1 diabetes, lupus erythematosus, multiple sclerosis, and rheumatoid arthritis. <i>Science Advances</i> , 2021, 7, .	4.7	42
1306	COVID-19 Pandemic Panic: Prophylactic as Well as Therapeutic Management with Traditional Ethnic Phytopharmaceuticals with Challenging Nano-spray Inhaler and Advanced Drug Delivery System. , 2021, , 437-460.		0
1307	The use of real-world data in drug repurposing. <i>Translational and Clinical Pharmacology</i> , 2021, 29, 117.	0.3	7
1308	Computational drug repurposing: A review in modern application. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	1
1309	Current In Silico Drug Repurposing Strategies. , 2021, , 257-268.		0
1310	A new estimation method for the biological interaction predicting problems. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021, PP, 1-1.	1.9	0
1311	Drug Repositioning: Principles, Resources, and Application of Structure-Based Virtual Screening for the Identification of Anticancer Agents. , 2021, , 313-336.		2
1312	Modern Drug Discovery and Development in the Area of Leishmaniasis. , 2021, , 123-158.		3
1313	In silico drug repositioning based on the integration of chemical, genomic and pharmacological spaces. <i>BMC Bioinformatics</i> , 2021, 22, 52.	1.2	6

#	ARTICLE	IF	CITATIONS
1314	Developing Novel Anticancer Drugs for Targeted Populations: An Update. <i>Current Pharmaceutical Design</i> , 2021, 27, 250-262.	0.9	3
1315	Current and promising pharmacotherapeutic options for candidiasis. <i>Expert Opinion on Pharmacotherapy</i> , 2021, 22, 887-888.	0.9	12
1316	Drug Repurposing Strategy (DRS): Emerging Approach to Identify Potential Therapeutics for Treatment of Novel Coronavirus Infection. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 628144.	1.6	74
1317	Artificial intelligence, machine learning, and drug repurposing in cancer. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 977-989.	2.5	68
1318	Drug Repurposing: An Emerging Tool for Drug Reuse, Recycling and Discovery. <i>Current Drug Research Reviews</i> , 2021, 13, 101-119.	0.7	12
1319	PF-3845, a Fatty Acid Amide Hydrolase Inhibitor, Directly Suppresses Osteoclastogenesis through ERK and NF- κ B Pathways In Vitro and Alveolar Bone Loss In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1915.	1.8	9
1320	Repositioning of antidepressant drugs and synergistic effect with ciprofloxacin against multidrug-resistant bacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 53.	1.7	6
1321	Predicting therapeutic drugs for hepatocellular carcinoma based on tissue-specific pathways. <i>PLoS Computational Biology</i> , 2021, 17, e1008696.	1.5	48
1322	Therapeutic Applications of Type 2 Diabetes Mellitus Drug Metformin in Patients with Osteoarthritis. <i>Pharmaceuticals</i> , 2021, 14, 152.	1.7	10
1323	One Century of Study: What We Learned about <i>Paracoccidioides</i> and How This Pathogen Contributed to Advances in Antifungal Therapy. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 106.	1.5	3
1325	Teaching new tricks to old dogs: A review of drug repositioning of disulfiram for cancer nanomedicine. <i>View</i> , 2021, 2, 20200127.	2.7	14
1326	The Interface of Therapeutics and Genomics in Cardiovascular Medicine. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 663-676.	1.3	8
1327	Facilitating Drug Discovery in Breast Cancer by Virtually Screening Patients Using In Vitro Drug Response Modeling. <i>Cancers</i> , 2021, 13, 885.	1.7	6
1328	The Mevalonate Pathway, a Metabolic Target in Cancer Therapy. <i>Frontiers in Oncology</i> , 2021, 11, 626971.	1.3	64
1329	A drug repurposing screen identifies hepatitis C antivirals as inhibitors of the SARS-CoV2 main protease. <i>PLoS ONE</i> , 2021, 16, e0245962.	1.1	43
1330	Statins as Potential Chemoprevention or Therapeutic Agents in Cancer: a Model for Evaluating Repurposed Drugs. <i>Current Oncology Reports</i> , 2021, 23, 29.	1.8	17
1331	New Approaches in Oncology for Repositioning Drugs: The Case of PDE5 Inhibitor Sildenafil. <i>Frontiers in Oncology</i> , 2021, 11, 627229.	1.3	24
1332	The Protozoan Inhibitor Atovaquone Affects Mitochondrial Respiration and Shows In Vitro Efficacy Against Glucocorticoid-Resistant Cells in Childhood B-Cell Acute Lymphoblastic Leukaemia. <i>Frontiers in Oncology</i> , 2021, 11, 632181.	1.3	3

#	ARTICLE	IF	CITATIONS
1333	Repurposing of the Antiepileptic Drug Levetiracetam to Restrain Neuroendocrine Prostate Cancer and Inhibit Mast Cell Support to Adenocarcinoma. <i>Frontiers in Immunology</i> , 2021, 12, 622001.	2.2	6
1334	The novel driver gene <i>ASAP2</i> is a potential druggable target in pancreatic cancer. <i>Cancer Science</i> , 2021, 112, 1655-1668.	1.7	18
1335	Repurposing a Cardiovascular Disease Drug of Cloridarol as hIAPP Inhibitor. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1419-1427.	1.7	15
1337	Computational Drug Repositioning and Experimental Validation of Ivermectin in Treatment of Gastric Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 625991.	1.6	7
1339	Multi-Data Aspects of Protein Similarity with a Learning Technique to Identify Drug-Disease Associations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2914.	1.3	4
1340	Doxycycline Interferes With Tau Aggregation and Reduces Its Neuronal Toxicity. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 635760.	1.7	14
1342	A Novel Computational Approach for the Discovery of Drug Delivery System Candidates for COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2815.	1.8	9
1345	In Silico Drug Repurposing by Structural Alteration after Induced Fit: Discovery of a Candidate Agent for Recovery of Nucleotide Excision Repair in Xeroderma Pigmentosum Group D Mutant (R683W). <i>Biomedicines</i> , 2021, 9, 249.	1.4	4
1346	Drug Repositioning Method Based on Deep Neural Network. , 2021, , .		0
1347	A review of novel coronavirus disease (COVID-19): based on genomic structure, phylogeny, current shreds of evidence, candidate vaccines, and drug repurposing. <i>3 Biotech</i> , 2021, 11, 198.	1.1	15
1348	The Impact of Angiotensin-Converting Enzyme 2 (ACE2) Expression on the Incidence and Severity of COVID-19 Infection. <i>Pathogens</i> , 2021, 10, 379.	1.2	16
1350	Insights of 8-hydroxyquinolines: A novel target in medicinal chemistry. <i>Bioorganic Chemistry</i> , 2021, 108, 104633.	2.0	80
1351	Bisacodyl Suppresses TGF- β -Induced MUC5AC Production in NCI-H292 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 590-592.	0.6	0
1352	Mycophenolate suppresses inflammation by inhibiting prostaglandin synthases: a study of molecular and experimental drug repurposing. <i>PeerJ</i> , 2021, 9, e11360.	0.9	4
1353	Repositioned Drugs for COVID-19—the Impact on Multiple Organs. <i>SN Comprehensive Clinical Medicine</i> , 2021, 3, 1484-1501.	0.3	3
1354	Antidepressants and Antipsychotic Agents as Repurposable Oncological Drug Candidates. <i>Current Medicinal Chemistry</i> , 2021, 28, 2137-2174.	1.2	10
1355	Drug repurposing screens reveal cell-type-specific entry pathways and FDA-approved drugs active against SARS-Cov-2. <i>Cell Reports</i> , 2021, 35, 108959.	2.9	176
1356	Polymer-ritonavir derivate nanomedicine with pH-sensitive activation possesses potent anti-tumor activity in vivo via inhibition of proteasome and STAT3 signaling. <i>Journal of Controlled Release</i> , 2021, 332, 563-580.	4.8	11

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1357	Riboflavin in Neurological Diseases: A Narrative Review. <i>Clinical Drug Investigation</i> , 2021, 41, 513-527.	1.1	38
1358	Drug Repositioning for the Treatment of Hematologic Disease: Limits, Challenges and Future Perspectives. <i>Current Medicinal Chemistry</i> , 2021, 28, 2195-2217.	1.2	2
1359	Structural basis of norepinephrine recognition and transport inhibition in neurotransmitter transporters. <i>Nature Communications</i> , 2021, 12, 2199.	5.8	24
1360	T-Cell Activation-Inhibitory Assay to Screen Caloric Restriction Mimetics Drugs for Drug Repositioning. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 550-556.	0.6	3
1362	A Drug Screening Pipeline Using 2D and 3D Patient-Derived In Vitro Models for Pre-Clinical Analysis of Therapy Response in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4322.	1.8	26
1363	Emulated Clinical Trials from Longitudinal Real-World Data Efficiently Identify Candidates for Neurological Disease Modification: Examples from Parkinson's Disease. <i>Frontiers in Pharmacology</i> , 2021, 12, 631584.	1.6	8
1364	Repositioning of Antiparasitic Drugs for Tumor Treatment. <i>Frontiers in Oncology</i> , 2021, 11, 670804.	1.3	19
1365	An integrative drug repositioning framework discovered a potential therapeutic agent targeting COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 165.	7.1	89
1367	Connectivity Map Analysis of a Single-Cell RNA-Sequencing -Derived Transcriptional Signature of mTOR Signaling. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4371.	1.8	8
1368	Clinical Repurposing of Medicines is Intrinsic to Homeopathy: Research Initiatives on COVID-19 in India. <i>Homeopathy</i> , 2021, 110, 198-205.	0.5	7
1371	Drug Repurposing for Rare Diseases. <i>Trends in Pharmacological Sciences</i> , 2021, 42, 255-267.	4.0	105
1372	Exploiting the reactive oxygen species imbalance in high-risk paediatric acute lymphoblastic leukaemia through auranofin. <i>British Journal of Cancer</i> , 2021, 125, 55-64.	2.9	16
1373	Therapies of Hematological Malignancies: An Overview of the Potential Targets and Their Inhibitors. <i>Current Chemical Biology</i> , 2021, 15, 19-49.	0.2	2
1374	Self-assembled ternary hybrid nanodrugs for overcoming tumor resistance and metastasis. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3595-3607.	5.7	12
1375	Repurposing of Acriflavine to Target Chronic Myeloid Leukemia Treatment. <i>Current Medicinal Chemistry</i> , 2021, 28, 2218-2233.	1.2	19
1376	Host-Directed FDA-Approved Drugs with Antiviral Activity against SARS-CoV-2 Identified by Hierarchical In Silico/In Vitro Screening Methods. <i>Pharmaceuticals</i> , 2021, 14, 332.	1.7	21
1377	Sildenafil in Combination Therapy against Cancer: A Literature Review. <i>Current Medicinal Chemistry</i> , 2021, 28, 2248-2259.	1.2	9
1378	A computational approach to aid clinicians in selecting anti-viral drugs for COVID-19 trials. <i>Scientific Reports</i> , 2021, 11, 9047.	1.6	15

#	ARTICLE	IF	CITATIONS
1379	Multiscale Virtual Screening Optimization for Shotgun Drug Repurposing Using the CANDO Platform. <i>Molecules</i> , 2021, 26, 2581.	1.7	12
1380	Application of network link prediction in drug discovery. <i>BMC Bioinformatics</i> , 2021, 22, 187.	1.2	44
1381	Can the COVID-19 Pandemic Disrupt the Current Drug Development Practices?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5457.	1.8	8
1382	In silico drug repositioning using deep learning and comprehensive similarity measures. <i>BMC Bioinformatics</i> , 2021, 22, 293.	1.2	6
1383	Molecular Docking and Virtual Screening Based Prediction of Drugs for COVID-19. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 716-728.	0.6	39
1384	Are Hsp90 Inhibitors Good Candidates Against Covid-19?. <i>Current Protein and Peptide Science</i> , 2021, 22, 192-200.	0.7	7
1385	A Drug-Target Interaction Prediction Based on GCN Learning. , 2021, , .		5
1386	Therapeutic Targeting of Repurposed Anticancer Drugs in Alzheimer's Disease: Using the Multiomics Approach. <i>ACS Omega</i> , 2021, 6, 13870-13887.	1.6	13
1387	Attacking COVID-19 Progression Using Multi-Drug Therapy for Synergetic Target Engagement. <i>Biomolecules</i> , 2021, 11, 787.	1.8	14
1388	Proposition of a new allosteric binding site for potential SARS-CoV-2 3CL protease inhibitors by utilizing molecular dynamics simulations and ensemble docking. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 9347-9360.	2.0	18
1389	Pharmaceuticals targeting signaling pathways of endometriosis as potential new medical treatment: A review. <i>Medicinal Research Reviews</i> , 2021, 41, 2489-2564.	5.0	58
1390	Repositioning Azelnidipine as a Dual Inhibitor Targeting CD47/SIRP α and TIGIT/PVR Pathways for Cancer Immuno-Therapy. <i>Biomolecules</i> , 2021, 11, 706.	1.8	21
1391	Molecular Docking and Dynamics Simulation Revealed the Potential Inhibitory Activity of ACEIs Against SARS-CoV-2 Targeting the hACE2 Receptor. <i>Frontiers in Chemistry</i> , 2021, 9, 661230.	1.8	122
1392	A Drug Repositioning Approach Identifies a Combination of Compounds as a Potential Regimen for Chronic Lymphocytic Leukemia Treatment. <i>Frontiers in Oncology</i> , 2021, 11, 579488.	1.3	2
1393	Virtual Screening of FDA-Approved Drugs against Triose Phosphate Isomerase from <i>Entamoeba histolytica</i> and <i>Giardia lamblia</i> Identifies Inhibitors of Their Trophozoite Growth Phase. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5943.	1.8	11
1394	A method for the rational selection of drug repurposing candidates from multimodal knowledge harmonization. <i>Scientific Reports</i> , 2021, 11, 11049.	1.6	12
1395	Existing Drug Repurposing for Glioblastoma to Discover Candidate Drugs as a New Approach. <i>Letters in Drug Design and Discovery</i> , 2021, 18, .	0.4	1
1396	Predicting Drug-Disease Association Based on Ensemble Strategy. <i>Frontiers in Genetics</i> , 2021, 12, 666575.	1.1	10

#	ARTICLE	IF	CITATIONS
1397	Inhibition of Lipid Accumulation and Cyclooxygenase-2 Expression in Differentiating 3T3-L1 Preadipocytes by Pazopanib, a Multikinase Inhibitor. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4884.	1.8	8
1398	Exploring new uses for existing drugs: innovative mechanisms to fund independent clinical research. <i>Trials</i> , 2021, 22, 322.	0.7	10
1399	Tackling Alzheimer's Disease with Existing Drugs: A Promising Strategy for Bypassing Obstacles. <i>Current Medicinal Chemistry</i> , 2021, 28, 2305-2327.	1.2	4
1400	Brief Overview of Approaches and Challenges in New Antibiotic Development: A Focus On Drug Repurposing. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 684515.	1.8	56
1401	An integrated virtual screening and drug repurposing strategy for the discovery of new antimalarial drugs against <i>Plasmodium falciparum</i> phosphatidylinositol 3-kinase. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1326-1336.	1.2	6
1402	Drug Repurposing: Promises of Edaravone Target Drug in Traumatic Brain Injury. <i>Current Medicinal Chemistry</i> , 2021, 28, 2369-2391.	1.2	15
1403	Potential Tamoxifen Repurposing to Combat Infections by Multidrug-Resistant Gram-Negative Bacilli. <i>Pharmaceuticals</i> , 2021, 14, 507.	1.7	4
1404	The interplay between lipid and A β amyloid homeostasis in Alzheimer's Disease: risk factors and therapeutic opportunities. <i>Chemistry and Physics of Lipids</i> , 2021, 236, 105072.	1.5	16
1405	Anthelmintics for drug repurposing: Opportunities and challenges. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 434-445.	1.2	27
1407	Evaluation of potency of the selected bioactive molecules from Indian medicinal plants with MPro of SARS-CoV-2 through in silico analysis. <i>Journal of Ayurveda and Integrative Medicine</i> , 2022, 13, 100449.	0.9	21
1408	Computational Discovery of SARS-CoV-2 NSP 16 Drug Candidates Based on Pharmacophore Modeling and Molecular Dynamics Simulation. <i>Journal of Computational Biophysics and Chemistry</i> , 2021, 20, 377-390.	1.0	1
1409	European stakeholder perspectives on challenges to rare disease drug development – a qualitative study. <i>Expert Opinion on Orphan Drugs</i> , 2021, 9, 181-188.	0.5	0
1410	Genome-wide discovery of hidden genes mediating known drug-disease association using KDDANet. <i>Npj Genomic Medicine</i> , 2021, 6, 50.	1.7	2
1411	Applications of artificial intelligence to drug design and discovery in the big data era: a comprehensive review. <i>Molecular Diversity</i> , 2021, 25, 1643-1664.	2.1	16
1412	Subtractive proteomics approach to Unravel the druggable proteins of the emerging pathogen <i>Waddlia chondrophila</i> and drug repositioning on its MurB protein. <i>Heliyon</i> , 2021, 7, e07320.	1.4	2
1413	Anti-Cancer Potential of Some Commonly Used Drugs. <i>Current Pharmaceutical Design</i> , 2021, 27, 4530-4538.	0.9	9
1414	Addressing the Target Identification and Accelerating the Repositioning of Anti-inflammatory/Anti-Cancer Organic Compounds by Computational Approaches. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2966-2981.	1.2	7
1415	Drug repurposing strategies in the development of potential antifungal agents. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5259-5279.	1.7	27

#	ARTICLE	IF	CITATIONS
1416	Identification of novel compounds against three targets of SARS CoV-2 coronavirus by combined virtual screening and supervised machine learning. <i>Computers in Biology and Medicine</i> , 2021, 133, 104359.	3.9	107
1417	Drug repurposing for hyperlipidemia associated disorders: An integrative network biology and machine learning approach. <i>Computational Biology and Chemistry</i> , 2021, 92, 107505.	1.1	4
1418	Progress in Anti-Mammarenavirus Drug Development. <i>Viruses</i> , 2021, 13, 1187.	1.5	5
1419	Repurposing of Antimicrobial Agents for Cancer Therapy: What Do We Know?. <i>Cancers</i> , 2021, 13, 3193.	1.7	31
1421	Repurposing Drugs to Treat Heart and Brain Illness. <i>Pharmaceuticals</i> , 2021, 14, 573.	1.7	3
1422	A Computational Approach Identified Andrographolide as a Potential Drug for Suppressing COVID-19-Induced Cytokine Storm. <i>Frontiers in Immunology</i> , 2021, 12, 648250.	2.2	24
1423	Validating ADME QSAR Models Using Marketed Drugs. <i>SLAS Discovery</i> , 2021, 26, 1326-1336.	1.4	16
1424	Inhibition of the Human Hsc70 System by Small Ligands as a Potential Anticancer Approach. <i>Cancers</i> , 2021, 13, 2936.	1.7	7
1425	A Computational Approach for Pathway-Based Systemic Drug Influence. <i>Processes</i> , 2021, 9, 1063.	1.3	3
1426	Characterization of Phase I Hepatic Metabolites of Anti-Premature Ejaculation Drug Dapoxetine by UHPLC-ESI-Q-TOF. <i>Molecules</i> , 2021, 26, 3794.	1.7	1
1427	Repurposing of Anticancer Stem Cell Drugs in Brain Tumors. <i>Journal of Histochemistry and Cytochemistry</i> , 2021, 69, 002215542110254.	1.3	5
1428	The pulmonary route as a way to drug repositioning in COVID-19 therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102430.	1.4	6
1429	Network bioinformatics analysis provides insight into drug repurposing for COVID-19. <i>Medicine in Drug Discovery</i> , 2021, 10, 100090.	2.3	48
1430	The opioid antagonist naltrexone decreases seizure-like activity in genetic and chemically induced epilepsy models. <i>Epilepsia Open</i> , 2021, 6, 528-538.	1.3	11
1431	Repurposing existing therapeutics, its importance in oncology drug development: Kinases as a potential target. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 64-74.	1.1	17
1432	Has the EU Incentive for Drug Repositioning Been Effective? An Empirical Analysis of the Regulatory Exclusivity. <i>IIC International Review of Intellectual Property and Competition Law</i> , 2021, 52, 825-851.	0.3	1
1433	Identifying SARS-CoV-2 antiviral compounds by screening for small molecule inhibitors of nsp14/nsp10 exoribonuclease. <i>Biochemical Journal</i> , 2021, 478, 2445-2464.	1.7	32
1434	Potent toxic effects of Taroxaz-104 on the replication of SARS-CoV-2 particles. <i>Chemico-Biological Interactions</i> , 2021, 343, 109480.	1.7	33

#	ARTICLE	IF	CITATIONS
1435	Primethamine-Based Novel Co-Crystal Salt: Synthesis, Single-Crystal Investigation, Hirshfeld surface analysis and DFT inspection of the 2,4-diamino-5-(4-chlorophenyl)-6-ethylpyrimidin-1-ium 2,4-dichlorobenzoate (1:1) (DECB). <i>Journal of Molecular Structure</i> , 2021, 1235, 130215.	1.8	35
1436	Identifying SARS-CoV-2 antiviral compounds by screening for small molecule inhibitors of nsp12/7/8 RNA-dependent RNA polymerase. <i>Biochemical Journal</i> , 2021, 478, 2425-2443.	1.7	26
1437	Pitavastatin Is a Highly Potent Inhibitor of T-Cell Proliferation. <i>Pharmaceuticals</i> , 2021, 14, 727.	1.7	7
1438	de Novo™ repurposing of Daflon as anti-intestinal parasitic drug in experimental giardiasis. <i>Experimental Parasitology</i> , 2021, 226-227, 108124.	0.5	2
1439	Daptomycin suppresses tumor migration and angiogenesis via binding to ribosomal protein S19 in humans. <i>Journal of Antibiotics</i> , 2021, 74, 726-733.	1.0	1
1440	Delivery of repurposed disulfiram by aminated mesoporous silica nanoparticles for anticancer therapy. <i>Journal of Molecular Liquids</i> , 2022, 346, 117065.	2.3	7
1441	Examination of the antiepileptic effects of valacyclovir using kindling mice search for novel antiepileptic agents by drug repositioning using a large medical information database. <i>European Journal of Pharmacology</i> , 2021, 902, 174099.	1.7	2
1442	A computational multi-targeting approach for drug repositioning for psoriasis treatment. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 193.	1.2	7
1443	FTY720 Inhibits Expansion of Breast Cancer Stem Cells via PP2A Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7259.	1.8	8
1444	A Target-Specific Evidence Function for Indication Expansion Queries in the Open Targets Platform. , 2021, , .		0
1445	Just a Reflection: Does Drug Repurposing Perpetuate Sex-Gender Bias in the Safety Profile?. <i>Pharmaceuticals</i> , 2021, 14, 730.	1.7	8
1446	Advancing the use of genome-wide association studies for drug repurposing. <i>Nature Reviews Genetics</i> , 2021, 22, 658-671.	7.7	102
1447	Identifying SARS-CoV-2 antiviral compounds by screening for small molecule inhibitors of nsp13 helicase. <i>Biochemical Journal</i> , 2021, 478, 2405-2423.	1.7	46
1448	Mechanisms of action and adverse effects of the major therapeutic agents in trial for COVID-19 therapeutics: Review of literature. <i>Annals of Clinical and Biomedical Research</i> , 2021, 2, .	0.0	0
1449	Identification of vitamin B6 as a PD-L1 suppressor and an adjuvant for cancer immunotherapy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 561, 187-194.	1.0	11
1450	Fluvoxamine and Amantadine: Central Nervous System Acting Drugs Repositioned for COVID-19 as Early Intervention. <i>Current Neuropharmacology</i> , 2022, 20, 777-781.	1.4	5
1451	A novel computational drug repurposing approach for Systemic Lupus Erythematosus (SLE) treatment using Semantic Web technologies. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3886-3892.	1.8	6
1452	Antifungal agent Terbinafine restrains tumor growth in preclinical models of hepatocellular carcinoma via AMPK-mTOR axis. <i>Oncogene</i> , 2021, 40, 5302-5313.	2.6	11

#	ARTICLE	IF	CITATIONS
1453	Drug Repurposing for the Management of Depression: Where Do We Stand Currently?. <i>Life</i> , 2021, 11, 774.	1.1	11
1454	ESPL1 Is a Novel Prognostic Biomarker Associated With the Malignant Features of Glioma. <i>Frontiers in Genetics</i> , 2021, 12, 666106.	1.1	7
1455	Drug repositioning to propose alternative modulators for glucocorticoid receptor through structure-based virtual screening. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 11418-11433.	2.0	2
1456	Machine Learning in Drug Discovery: A Review. <i>Artificial Intelligence Review</i> , 2022, 55, 1947-1999.	9.7	170
1457	Repurposing of escitalopram oxalate and clonazepam in combination with ciprofloxacin and sulfamethoxazole-trimethoprim for treatment of multidrug-resistant microorganisms and evaluation of the cleavage capacity of plasmid DNA. <i>Canadian Journal of Microbiology</i> , 2021, 67, 599-612.	0.8	7
1458	HeTDR: Drug repositioning based on heterogeneous networks and text mining. <i>Patterns</i> , 2021, 2, 100307.	3.1	12
1459	Evaluation of artemisinin derivative artemether as a fluconazole potentiator through inhibition of Pdr5. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 44, 116293.	1.4	7
1460	Protective Effect of Ciclopirox against Ovariectomy-Induced Bone Loss in Mice by Suppressing Osteoclast Formation and Function. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8299.	1.8	1
1461	QSAR-Based Computational Approaches to Accelerate the Discovery of Sigma-2 Receptor (S2R) Ligands as Therapeutic Drugs. <i>Molecules</i> , 2021, 26, 5270.	1.7	3
1462	Nitrofurazone repurposing towards design and synthesis of novel apoptotic-dependent anticancer and antimicrobial agents: Biological evaluation, kinetic studies and molecular modeling. <i>Bioorganic Chemistry</i> , 2021, 113, 104971.	2.0	4
1463	Identification of new target proteins of a Urotensin-II receptor antagonist using transcriptome-based drug repositioning approach. <i>Scientific Reports</i> , 2021, 11, 17138.	1.6	4
1464	Recent Advances in In Silico Target Fishing. <i>Molecules</i> , 2021, 26, 5124.	1.7	29
1465	On the Study of Machine Learning Algorithms Towards Healthcare Applications. <i>Studies in Big Data</i> , 2022, , 117-129.	0.8	0
1466	Intensive Treatment With Ivermectin and Iota-Carrageenan as Pre-exposure Prophylaxis for COVID-19 in Health Care Workers From Tucuman, Argentina. <i>American Journal of Therapeutics</i> , 2021, 28, e601-e604.	0.5	20
1467	Drug Discovery of Spinal Muscular Atrophy (SMA) from the Computational Perspective: A Comprehensive Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8962.	1.8	6
1468	Bacterial Nosocomial Infections: Multidrug Resistance as a Trigger for the Development of Novel Antimicrobials. <i>Antibiotics</i> , 2021, 10, 942.	1.5	8
1469	Development of a core evaluation framework of value-added medicines: report 1 on methodology and findings. <i>Cost Effectiveness and Resource Allocation</i> , 2021, 19, 57.	0.6	7
1470	Deep fusion learning facilitates anatomical therapeutic chemical recognition in drug repurposing and discovery. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	6

#	ARTICLE	IF	CITATIONS
1471	Evaluating the performance of drug-repurposing technologies. <i>Drug Discovery Today</i> , 2022, 27, 49-64.	3.2	18
1472	Novel Aptamer-Based Small-Molecule Drug Screening Assay to Identify Potential Sclerostin Inhibitors against Osteoporosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8320.	1.8	4
1473	Inhibitors of Venezuelan Equine Encephalitis Virus Identified Based on Host Interaction Partners of Viral Non-Structural Protein 3. <i>Viruses</i> , 2021, 13, 1533.	1.5	8
1474	Paradoxical Pro-angiogenic Effect of Low-Dose Ellipticine Identified by In Silico Drug Repurposing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9067.	1.8	1
1475	Tegaserod Maleate Inhibits Esophageal Squamous Cell Carcinoma Proliferation by Suppressing the Peroxisome Pathway. <i>Frontiers in Oncology</i> , 2021, 11, 683241.	1.3	13
1476	Cholesterol lowering drug use and breast cancer survival: the Multiethnic Cohort Study. <i>Breast Cancer Research and Treatment</i> , 2021, 190, 165-173.	1.1	2
1477	Medicinal chemistry strategies towards the development of effective SARS-CoV-2 inhibitors. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 581-599.	5.7	33
1478	From Pancreatic β -Cell Gene Networks to Novel Therapies for Type 1 Diabetes. <i>Diabetes</i> , 2021, 70, 1915-1925.	0.3	14
1479	Targeting Reactive Oxygen Species Capacity of Tumor Cells with Repurposed Drug as an Anticancer Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	13
1480	Advances in the Therapeutic Application of Small-Molecule Inhibitors and Repurposed Drugs against Snakebite. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13938-13979.	2.9	10
1482	Anti-infective properties of proton pump inhibitors: perspectives. <i>International Microbiology</i> , 2021, , 1.	1.1	3
1483	Computational identification of repurposed drugs against viruses causing epidemics and pandemics via drug-target network analysis. <i>Computers in Biology and Medicine</i> , 2021, 136, 104677.	3.9	8
1484	Simvastatin-romidepsin combination kills bladder cancer cells synergistically. <i>Translational Oncology</i> , 2021, 14, 101154.	1.7	5
1485	Dual Blockade of Lactate/GPR81 and PD-1/PD-L1 Pathways Enhances the Anti-Tumor Effects of Metformin. <i>Biomolecules</i> , 2021, 11, 1373.	1.8	23
1486	Commentary: Rapalink-1 Increased Infarct Size in Early Cerebral Ischemia—Reperfusion With Increased Blood—Brain Barrier Disruption. <i>Frontiers in Physiology</i> , 2021, 12, 761556.	1.3	0
1488	Drug repurposing against coronavirus disease 2019 (COVID-19): A review. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 683-690.	2.4	14
1489	Integrating Immunotherapy with Chemotherapy: A New Approach to Drug Repurposing. , 0, , .		10
1490	Screening of Clinically Approved and Investigation Drugs as Potential Inhibitors of SARS-CoV-2: A Combined <i>in silico</i> and <i>in vitro</i> Study. <i>Molecular Informatics</i> , 2022, 41, e2100062.	1.4	9

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1491	Antimicrobial Properties of Antidepressants and Antipsychotics—Possibilities and Implications. <i>Pharmaceuticals</i> , 2021, 14, 915.	1.7	17
1492	Target Discovery for Host-Directed Antiviral Therapies: Application of Proteomics Approaches. <i>MSystems</i> , 2021, 6, e0038821.	1.7	10
1493	Promising Drug Targets and Compounds with Anti-Toxoplasma gondii Activity. <i>Microorganisms</i> , 2021, 9, 1960.	1.6	22
1494	Drug Repurposing for Targeting Acute Leukemia With KMT2A (MLL) Gene Rearrangements. <i>Frontiers in Pharmacology</i> , 2021, 12, 741413.	1.6	8
1495	Isotretinoin and Thalidomide Down-Regulate c-MYC Gene Expression and Modify Proteins Associated with Cancer in Hepatic Cells. <i>Molecules</i> , 2021, 26, 5742.	1.7	1
1496	Drug repurposing: Misconceptions, challenges, and opportunities for academic researchers. <i>Science Translational Medicine</i> , 2021, 13, eabd5524.	5.8	62
1497	Potential Roles of Sestrin2 in Alzheimer's Disease: Antioxidation, Autophagy Promotion, and Beyond. <i>Biomedicines</i> , 2021, 9, 1308.	1.4	3
1498	Left Ventricular Hypertrophy in Diabetic Cardiomyopathy: A Target for Intervention. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 746382.	1.1	23
1499	Drug repositioning based on gene expression data for human HER2-positive breast cancer. <i>Archives of Biochemistry and Biophysics</i> , 2021, 712, 109043.	1.4	4
1500	Repurposing new drug candidates and identifying crucial molecules underlying PCOS Pathogenesis Based On Bioinformatics Analysis. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2021, 29, 353-366.	0.9	11
1501	Molecular mechanism of ATP and RNA binding to Zika virus NS3 helicase and identification of repurposed drugs using molecular dynamics simulations. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12642-12659.	2.0	3
1502	Effects of Naodesheng tablets on amyloid beta-induced dysfunction: A traditional Chinese herbal formula with novel therapeutic potential in Alzheimer's disease revealed by systems pharmacology. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111916.	2.5	5
1503	Quantitative proteomics analysis reveals novel insights into mechanisms of action of disulfiram (DSF). <i>Proteomics - Clinical Applications</i> , 2022, 16, e2100031.	0.8	0
1504	Importance of the biomass formulation for cancer metabolic modeling and drug prediction. <i>IScience</i> , 2021, 24, 103110.	1.9	8
1505	Design, synthesis, and biological evaluation of novel sulindac derivatives as partial agonists of PPAR β with potential anti-diabetic efficacy. <i>European Journal of Medicinal Chemistry</i> , 2021, 222, 113542.	2.6	4
1506	SANE: A sequence combined attentive network embedding model for COVID-19 drug repositioning. <i>Applied Soft Computing Journal</i> , 2021, 111, 107831.	4.1	23
1507	Drug repurposing: small molecules against Cu(II)-amyloid- β and free radicals. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111592.	1.5	5
1508	Molecular descriptor analysis of approved drugs using unsupervised learning for drug repurposing. <i>Computers in Biology and Medicine</i> , 2021, 138, 104856.	3.9	12

#	ARTICLE	IF	CITATIONS
1509	A computational drug repositioning model based on hybrid similarity side information powered graph neural network. <i>Future Generation Computer Systems</i> , 2021, 125, 24-31.	4.9	9
1510	Discovery, optimization, and target identification of novel coumarin derivatives as HIV-1 reverse transcriptase-associated ribonuclease H inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113769.	2.6	9
1511	EA-based hyperparameter optimization of hybrid deep learning models for effective drug-target interactions prediction. <i>Expert Systems With Applications</i> , 2021, 185, 115525.	4.4	16
1512	Discovery of quinazoline derivatives as a novel class of potent and in vivo efficacious LSD1 inhibitors by drug repurposing. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113778.	2.6	7
1513	Discovery of Taroxaz-104: The first potent antidote of SARS-CoV-2 VOC-202012/01 strain. <i>Journal of Molecular Structure</i> , 2021, 1246, 131106.	1.8	23
1514	Drug repurposing for COVID-19: Approaches, challenges and promising candidates. , 2021, 228, 107930.		85
1515	Pathways to Treatment Development. , 2022, , 226-239.		0
1516	Discovery of potent HDAC2 inhibitors based on virtual screening in combination with drug repurposing. <i>Journal of Molecular Structure</i> , 2022, 1247, 131399.	1.8	3
1517	Regulatory Master Genes Identification and Drug Repositioning by Integrative mRNA-miRNA Network Analysis for Acute Type A Aortic Dissection. <i>Frontiers in Pharmacology</i> , 2020, 11, 575765.	1.6	7
1518	Translational research in drug discovery: Tiny steps before the giant leap. , 2021, , 347-369.		0
1519	Drug repositioning based on network-specific core genes identifies potential drugs for the treatment of autism spectrum disorder in children. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3908-3921.	1.9	4
1520	A data-driven methodology towards evaluating the potential of drug repurposing hypotheses. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4559-4573.	1.9	18
1521	Microfluidic systems for drug discovery, pharmaceutical analysis, and diagnostic applications. , 2021, , 261-327.		0
1522	Use of molecular docking computational tools in drug discovery. <i>Progress in Medicinal Chemistry</i> , 2021, 60, 273-343.	4.1	154
1523	Identification of Broad Anti-Coronavirus Chemical Agents for Repurposing Against SARS-CoV-2 and Variants of Concern. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1524	A Novel Method for Drug Repositioning Based on Heterogeneous Network. <i>International Journal of Recent Technology and Engineering</i> , 2021, 9, 186-190.	0.2	0
1525	Advances in the discovery and development of anthelmintics by harnessing natural product scaffolds. <i>Advances in Parasitology</i> , 2021, 111, 203-251.	1.4	14
1526	Mitophagy Enhancer Identified in Repurposing Screen for Parkinson's Disease Therapeutics. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
1527	The Regulatory Process for Imaging Agents and Devices. , 2021, , 1643-1661.		1
1529	Identification of drug combinations on the basis of machine learning to maximize anti-aging effects. PLoS ONE, 2021, 16, e0246106.	1.1	3
1531	Known Drugs Identified by Structure-Based Virtual Screening Are Able to Bind Sigma-1 Receptor and Increase Growth of Huntington Disease Patient-Derived Cells. International Journal of Molecular Sciences, 2021, 22, 1293.	1.8	5
1532	Drug Repurposing for Parkinson's Disease by Integrating Knowledge Graph Completion Model and Knowledge Fusion of Medical Literature. Future Internet, 2021, 13, 14.	2.4	16
1533	Pyrrolidine-based 3-deoxysphingosylphosphorylcholine analogs as possible candidates against neglected tropical diseases (NTDs): identification of hit compounds towards development of potential treatment of <i>Leishmania donovani</i> . Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1922-1930.	2.5	16
1534	Indicator Regularized Non-Negative Matrix Factorization Method-Based Drug Repurposing for COVID-19. Frontiers in Immunology, 2020, 11, 603615.	2.2	45
1535	A deep learning framework for drug repurposing via emulating clinical trials on real-world patient data. Nature Machine Intelligence, 2021, 3, 68-75.	8.3	37
1536	Magic bullets: Drug repositioning and drug combinations. , 2022, , 770-788.		2
1541	Systematic Drug Repurposing Through Text Mining. Methods in Molecular Biology, 2014, 1159, 253-267.	0.4	42
1542	A Gated Recurrent Unit Model for Drug Repositioning by Combining Comprehensive Similarity Measures and Gaussian Interaction Profile Kernel. Lecture Notes in Computer Science, 2019, , 344-353.	1.0	2
1543	Mining Biomedical Literature and Ontologies for Drug Repositioning Discovery. Lecture Notes in Computer Science, 2014, , 373-384.	1.0	2
1545	Computational Drug Repositioning by Ranking and Integrating Multiple Data Sources. Lecture Notes in Computer Science, 2013, , 579-594.	1.0	19
1546	Drug Development: Old Drugs and New Lead. , 2015, , 553-564.		2
1547	New Deliveries and Nanomedicines: Commercial Aspects and Business Perspectives. , 2020, , 579-609.		1
1548	The success story of drug repurposing in breast cancer. , 2020, , 173-190.		4
1549	A perspective on the discovery of selected compounds with anthelmintic activity against the barber's pole worm "Where to from here?. Advances in Parasitology, 2020, 108, 1-45.	1.4	17
1551	Repurposing drugs for treatment of SARS-CoV-2 infection: computational design insights into mechanisms of action. Journal of Biomolecular Structure and Dynamics, 2022, 40, 1316-1330.	2.0	15
1552	Efflux pump inhibitors as a promising adjunct therapy against drug resistant tuberculosis: a new strategy to revisit mycobacterial targets and repurpose old drugs. Expert Review of Anti-Infective Therapy, 2020, 18, 741-757.	2.0	29

#	ARTICLE	IF	CITATIONS
1553	Biomedical data and computational models for drug repositioning: a comprehensive review. <i>Briefings in Bioinformatics</i> , 2021, 22, 1604-1619.	3.2	110
1554	Framework for identifying drug repurposing candidates from observational healthcare data. <i>JAMIA Open</i> , 2021, 3, 536-544.	1.0	16
1555	Idarubicin is a broad-spectrum enterovirus replication inhibitor that selectively targets the virus internal ribosomal entry site. <i>Journal of General Virology</i> , 2016, 97, 1122-1133.	1.3	28
1585	Implementation of Breadth-First Search Parallel to Predict Drug-Target Interaction in Plant-Disease Graph. , 2020, , .		2
1586	Drug repositioning in cancer: The current situation in Japan. <i>Cancer Science</i> , 2020, 111, 1039-1046.	1.7	28
1587	Computational discovery of therapeutic candidates for preventing preterm birth. <i>JCI Insight</i> , 2020, 5, .	2.3	20
1588	Therapeutic drug repositioning using personalized proteomics of liquid biopsies. <i>JCI Insight</i> , 2017, 2, .	2.3	27
1589	Word embedding mining for SARS-CoV-2 and COVID-19 drug repurposing. <i>F1000Research</i> , 0, 9, 585.	0.8	4
1590	A Drug-Centric View of Drug Development: How Drugs Spread from Disease to Disease. <i>PLoS Computational Biology</i> , 2016, 12, e1004852.	1.5	23
1591	Computational Discovery of Putative Leads for Drug Repositioning through Drug-Target Interaction Prediction. <i>PLoS Computational Biology</i> , 2016, 12, e1005219.	1.5	32
1592	Activity Profile of an FDA-Approved Compound Library against <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003962.	1.3	68
1593	A Multilayer Network Approach for Guiding Drug Repositioning in Neglected Diseases. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004300.	1.3	38
1594	Trypanocidal Effect of Isotretinoin through the Inhibition of Polyamine and Amino Acid Transporters in <i>Trypanosoma cruzi</i> . <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005472.	1.3	36
1595	Crystal violet structural analogues identified by in silico drug repositioning present anti- <i>Trypanosoma cruzi</i> activity through inhibition of proline transporter TcAAAP069. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007481.	1.3	17
1596	Systematic Drug Repositioning Based on Clinical Side-Effects. <i>PLoS ONE</i> , 2011, 6, e28025.	1.1	223
1597	CDA: Combinatorial Drug Discovery Using Transcriptional Response Modules. <i>PLoS ONE</i> , 2012, 7, e42573.	1.1	57
1598	Benchmarking Human Protein Complexes to Investigate Drug-Related Systems and Evaluate Predicted Protein Complexes. <i>PLoS ONE</i> , 2013, 8, e53197.	1.1	14
1599	Lithium Chloride Inhibits Vascular Smooth Muscle Cell Proliferation and Migration and Alleviates Injury-Induced Neointimal Hyperplasia via Induction of PGC-1 β . <i>PLoS ONE</i> , 2013, 8, e55471.	1.1	33

#	ARTICLE	IF	CITATIONS
1600	Machine Learning Prediction of Cancer Cell Sensitivity to Drugs Based on Genomic and Chemical Properties. PLoS ONE, 2013, 8, e61318.	1.1	406
1601	A Semi-Supervised Method for Drug-Target Interaction Prediction with Consistency in Networks. PLoS ONE, 2013, 8, e62975.	1.1	98
1602	Construction of Drug Network Based on Side Effects and Its Application for Drug Repositioning. PLoS ONE, 2014, 9, e87864.	1.1	90
1603	Subverting ER-Stress towards Apoptosis by Nelfinavir and Curcumin Coexposure Augments Docetaxel Efficacy in Castration Resistant Prostate Cancer Cells. PLoS ONE, 2014, 9, e103109.	1.1	51
1604	Drug Repurposing: A Systematic Approach to Evaluate Candidate Oral Neuroprotective Interventions for Secondary Progressive Multiple Sclerosis. PLoS ONE, 2015, 10, e0117705.	1.1	50
1605	Discovery of New Candidate Genes Related to Brain Development Using Protein Interaction Information. PLoS ONE, 2015, 10, e0118003.	1.1	12
1606	The Use of Chemical-Chemical Interaction and Chemical Structure to Identify New Candidate Chemicals Related to Lung Cancer. PLoS ONE, 2015, 10, e0128696.	1.1	9
1607	Antiprotozoal Activity Profiling of Approved Drugs: A Starting Point toward Drug Repositioning. PLoS ONE, 2015, 10, e0135556.	1.1	81
1608	Mining Chemical Activity Status from High-Throughput Screening Assays. PLoS ONE, 2015, 10, e0144426.	1.1	15
1609	Drug Repositioning for Cancer Therapy Based on Large-Scale Drug-Induced Transcriptional Signatures. PLoS ONE, 2016, 11, e0150460.	1.1	71
1610	The scoring bias in reverse docking and the score normalization strategy to improve success rate of target fishing. PLoS ONE, 2017, 12, e0171433.	1.1	19
1611	DrugSig: A resource for computational drug repositioning utilizing gene expression signatures. PLoS ONE, 2017, 12, e0177743.	1.1	35
1612	Cardiac glycosides use and the risk and mortality of cancer; systematic review and meta-analysis of observational studies. PLoS ONE, 2017, 12, e0178611.	1.1	44
1613	A Receptor Tyrosine Kinase Inhibitor, Dovitinib (TKI-258), Enhances BMP-2-Induced Osteoblast Differentiation In Vitro. Molecules and Cells, 2016, 39, 389-394.	1.0	6
1614	Drug Repositioning : Old Drugs For New Indications. Indian Journal of Applied Research, 2011, 4, 462-466.	0.0	6
1615	Angiotensin II type 1 receptor blockers increase tolerance of cells to copper and cisplatin. Microbial Cell, 2014, 1, 352-364.	1.4	2
1616	Antifungal and anti-biofilm effect of the calcium channel blocker verapamil on non-albicans Candida species. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20200703.	0.3	3
1617	COVID-19: molecular targets, drug repurposing and new avenues for drug discovery. Memorias Do Instituto Oswaldo Cruz, 2020, 115, e200254.	0.8	26

#	ARTICLE	IF	CITATIONS
1618	Synergistic effect of sertraline and disulfiram against multidrug resistant bacteria as a new alternative to drug repositioning. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	8
1619	Potential inhibitors of protease 3CLpro virus COVID-19: drug reposition. <i>Biomedical Chemistry Research and Methods</i> , 2020, 3, e00124.	0.1	5
1620	Metformin coordinates osteoblast/osteoclast differentiation associated with ischemic osteonecrosis. <i>Aging</i> , 2020, 12, 4727-4741.	1.4	15
1621	Anti-hepatocellular carcinoma properties of the anti-alcoholism drug disulfiram discovered to enzymatically inhibit the AMPK-related kinase SNARK <i>in vitro</i> . <i>Oncotarget</i> , 2016, 7, 74987-74999.	0.8	7
1622	KRAS mutant colorectal cancer gene signatures identified angiotensin II receptor blockers as potential therapies. <i>Oncotarget</i> , 2017, 8, 3206-3225.	0.8	9
1623	Repositioning CEP-1347, a chemical agent originally developed for the treatment of Parkinson's disease, as an anti-cancer stem cell drug. <i>Oncotarget</i> , 2017, 8, 94872-94882.	0.8	27
1624	Src is the primary target of aripiprazole, an atypical antipsychotic drug, in its anti-tumor action. <i>Oncotarget</i> , 2018, 9, 5979-5992.	0.8	22
1625	A phase I trial of the HIV protease inhibitor nelfinavir in adults with solid tumors. <i>Oncotarget</i> , 2014, 5, 8161-8172.	0.8	31
1626	Proscillaridin A is cytotoxic for glioblastoma cell lines and controls tumor xenograft growth <i>in vivo</i> . <i>Oncotarget</i> , 2014, 5, 10934-10948.	0.8	43
1627	Repurposed quinacrine synergizes with cisplatin, reducing the effective dose required for treatment of head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2019, 10, 5229-5244.	0.8	15
1628	Propranolol potentiates the anti-angiogenic effects and anti-tumor efficacy of chemotherapy agents: implication in breast cancer treatment. <i>Oncotarget</i> , 2011, 2, 797-809.	0.8	189
1629	The neuroleptic drug pimozide inhibits stem-like cell maintenance and tumorigenicity in hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 17593-17609.	0.8	48
1630	Targeted therapy for Epstein-Barr virus-associated gastric carcinoma using low-dose gemcitabine-induced lytic activation. <i>Oncotarget</i> , 2015, 6, 31018-31029.	0.8	23
1631	Luteolin is a novel p90 ribosomal S6 kinase (RSK) inhibitor that suppresses Notch4 signaling by blocking the activation of Y-box binding protein-1 (YB-1). <i>Oncotarget</i> , 2013, 4, 329-345.	0.8	49
1632	Repurposing cephalosporin antibiotics as pro-senescent radiosensitizers. <i>Oncotarget</i> , 2016, 7, 33919-33933.	0.8	18
1635	Large-Scale Ligand-Based Virtual Screening for SARS-CoV-2 Inhibitors Using Deep Neural Networks. <i>SSRN Electronic Journal</i> , 0, , .	0.4	35
1636	Drug Repurposing Screens Reveal FDA Approved Drugs Active Against SARS-CoV-2. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
1637	<p>Repurposing Disulfiram as an Anti-Obesity Drug: Treating and Preventing Obesity in High-Fat-Fed Rats<p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 1473-1480.	1.1	13

#	ARTICLE	IF	CITATIONS
1638	Human Disease and Drug Pharmacology, Complex as Real Life. <i>Current Medicinal Chemistry</i> , 2013, 20, 1623-1634.	1.2	33
1639	Target Based Drug Design - A Reality in Virtual Sphere. <i>Current Medicinal Chemistry</i> , 2015, 22, 1603-1630.	1.2	29
1640	In Silico Chemogenomics Drug Repositioning Strategies for Neglected Tropical Diseases. <i>Current Medicinal Chemistry</i> , 2019, 26, 4355-4379.	1.2	24
1641	Computational Drug Repurposing: Current Trends. <i>Current Medicinal Chemistry</i> , 2019, 26, 5389-5409.	1.2	52
1642	Recent Drug-Repurposing-Driven Advances in the Discovery of Novel Antibiotics. <i>Current Medicinal Chemistry</i> , 2019, 26, 5363-5388.	1.2	39
1643	Drug Repurposing in the Development of Anticancer Agents. <i>Current Medicinal Chemistry</i> , 2019, 26, 5410-5427.	1.2	18
1644	Recent Advances in Drug Repurposing for Parkinson's Disease. <i>Current Medicinal Chemistry</i> , 2019, 26, 5340-5362.	1.2	9
1645	Systems Pharmacology: A Unified Framework for Prediction of Drug-Target Interactions. <i>Current Pharmaceutical Design</i> , 2016, 22, 3569-3575.	0.9	17
1646	High Throughput Screening Operations at the University of Kansas. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2014, 17, 387-393.	0.6	3
1647	RepurposeVS: A Drug Repurposing-Focused Computational Method for Accurate Drug-Target Signature Predictions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2015, 18, 784-794.	0.6	15
1648	New Antimicrobial Approaches: Reuse of Old Drugs. <i>Current Drug Targets</i> , 2016, 17, 731-738.	1.0	36
1649	Facts and Myths: Efficacies of Repurposing Chloroquine and Hydroxychloroquine for the Treatment of COVID-19. <i>Current Drug Targets</i> , 2020, 21, 1703-1721.	1.0	9
1650	Multiscale Modelling of Relationships between Protein Classes and Drug Behavior Across all Diseases Using the CANDO Platform. <i>Mini-Reviews in Medicinal Chemistry</i> , 2015, 15, 705-717.	1.1	34
1651	A Novel Drug Repositioning Approach Based on Integrative Multiple Similarity Measures. <i>Current Molecular Medicine</i> , 2020, 20, 442-451.	0.6	3
1652	Discovering New Treatments for Alzheimer's Disease by Repurposing Approved Medications. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 2306-2327.	1.0	60
1653	A Rational Workflow for Sequential Virtual Screening of Chemical Libraries on Searching for New Tyrosinase Inhibitors. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 1473-1485.	1.0	8
1654	Scaffold Repurposing of Old Drugs Towards New Cancer Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 2107-2114.	1.0	21
1655	Drug Repositioning Through Network Pharmacology. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 3646-3656.	1.0	57

#	ARTICLE	IF	CITATIONS
1656	Network Pharmacology: Exploring the Resources and Methodologies. <i>Current Topics in Medicinal Chemistry</i> , 2018, 18, 949-964.	1.0	51
1657	Computational Drug Repurposing: Classification of the Research Opportunities and Challenges. <i>Current Computer-Aided Drug Design</i> , 2020, 16, 354-364.	0.8	6
1658	Repurposing Disulfiram as An Anti-Cancer Agent: Updated Review on Literature and Patents. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2019, 14, 113-132.	0.8	85
1659	Predicting Drug-target Interactions via FM-DNN Learning. <i>Current Bioinformatics</i> , 2020, 15, 68-76.	0.7	36
1660	Repurposing of Existing Statin Drugs for Treatment of Microbial Infections: How Much Promising?. <i>Infectious Disorders - Drug Targets</i> , 2019, 19, 224-237.	0.4	23
1661	A Synopsis on the Role of Tyrosine Hydroxylase in Parkinson's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012, 11, 395-409.	0.8	111
1662	Developing Pharmacotherapy for Cyberaddictions?. <i>The Open Addiction Journal</i> , 2012, 5, 20-23.	0.5	1
1663	Opportunities for Web-based Drug Repositioning: Searching for Potential Antihypertensive Agents with Hypotension Adverse Events. <i>Journal of Medical Internet Research</i> , 2016, 18, e76.	2.1	16
1665	Drug Repositioning for COVID-19. <i>Colombia Medica</i> , 2020, 51, e4279.	0.7	5
1666	Amiloride, fluoxetine or riluzole to reduce brain volume loss in secondary progressive multiple sclerosis: the MS-SMART four-arm RCT. <i>Efficacy and Mechanism Evaluation</i> , 2020, 7, 1-72.	0.9	11
1667	Predict New Therapeutic Drugs for Hepatocellular Carcinoma Based on Gene Mutation and Expression. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 8.	2.0	52
1668	Hydroxychloroquine as a Chemoprophylactic Agent for COVID-19: A Clinico-Pharmacological Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 593099.	1.6	7
1669	Bioinformatics Accelerates Drug Repositioning*. <i>Progress in Biochemistry and Biophysics</i> , 2012, 39, 35-44.	0.3	5
1670	Computational Approaches to Analyze the Strategies of Drug Repositioning*. <i>Progress in Biochemistry and Biophysics</i> , 2012, 39, 1029-1036.	0.3	1
1671	New drugs are not enough - drug repositioning in oncology: An update. <i>International Journal of Oncology</i> , 2020, 56, 651-684.	1.4	50
1672	Dabrafenib, as a Novel Insight into Drug Repositioning Against Secretory Group IIa Phospholipase A2. <i>International Journal of Pharmacology</i> , 2016, 12, 415-421.	0.1	6
1673	Repurposing Screens of FDA-Approved Drugs Identify 29 Inhibitors of SARS-CoV-2. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1843-1853.	0.9	17
1674	Rifampicin Alleviates Atopic Dermatitis-Like Response in vivo and in vitro. <i>Biomolecules and Therapeutics</i> , 2017, 25, 634-640.	1.1	7

#	ARTICLE	IF	CITATIONS
1675	Repositioned Drugs for Inflammatory Diseases such as Sepsis, Asthma, and Atopic Dermatitis. <i>Biomolecules and Therapeutics</i> , 2020, 28, 222-229.	1.1	5
1676	Network-centric medicine for peripheral nerve injury: Treating the whole to boost endogenous mechanisms of neuroprotection and regeneration. <i>Neural Regeneration Research</i> , 2019, 14, 1122.	1.6	13
1677	Perspectives for repurposing drugs for the coronavirus disease 2019. <i>Indian Journal of Medical Research</i> , 2020, 151, 160.	0.4	47
1678	Guanabenz Acetate Induces Endoplasmic Reticulum Stress-Related Cell Death in Hepatocellular Carcinoma Cells. <i>Journal of Pathology and Translational Medicine</i> , 2019, 53, 94-103.	0.4	9
1679	Chloroquine Treatment Suppresses Mucosal Inflammation in a Mouse Model of Eosinophilic Chronic Rhinosinusitis. <i>Allergy, Asthma and Immunology Research</i> , 2020, 12, 994.	1.1	8
1680	Repositioning of Non-Steroidal Anti Inflammatory Drug (NSAIDs) for Cancer Treatment: Promises and Challenges. <i>Journal of Nanomedicine & Nanotechnology</i> , 2016, 7, .	1.1	15
1681	Drug Repositioning: A Faster Path to Drug Discovery. <i>Advances in Pharmacoepidemiology & Drug Safety</i> , 2012, 01, .	0.1	2
1682	Limits of Biotechnological Innovation. <i>Technology and Investment</i> , 2013, 04, 168-178.	0.4	15
1683	An Integrative Approach for Discovery of New Uses of Existing Drugs. <i>Data Science Journal</i> , 2015, 14, 9.	0.6	3
1684	Medication Repurposing in Pediatric Patients: Teaching Old Drugs New Tricks. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2016, 21, 36-53.	0.3	14
1685	Docking-based virtual screening of known drugs against murE of <i>Mycobacterium tuberculosis</i> towards repurposing for TB. <i>Bioinformatics</i> , 2016, 12, 368-372.	0.2	13
1686	Re-positioning of known drugs for Pim-1 kinase target using molecular docking analysis. <i>Bioinformatics</i> , 2019, 15, 116-120.	0.2	8
1687	Linking traits based on their shared molecular mechanisms. <i>ELife</i> , 2015, 4, .	2.8	9
1688	Identify potential drugs for cardiovascular diseases caused by stress-induced genes in vascular smooth muscle cells. <i>PeerJ</i> , 2016, 4, e2478.	0.9	14
1689	Systematic drug repositioning through mining adverse event data in ClinicalTrials.gov. <i>PeerJ</i> , 2017, 5, e3154.	0.9	24
1690	Structure-based design of haloperidol analogues as inhibitors of acetyltransferase Eis from <i>Mycobacterium tuberculosis</i> to overcome kanamycin resistance. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1894-1909.	1.7	9
1691	Human Protein Complex-Based Drug Signatures for Personalized Cancer Medicine. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 4079-4088.	3.9	6
1692	Clomiphene Citrate Shows Effective and Sustained Antimicrobial Activity against <i>Mycobacterium abscessus</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 11029.	1.8	3

#	ARTICLE	IF	CITATIONS
1693	Exploring potential inhibitors against Kyasanur forest disease by utilizing molecular dynamics simulations and ensemble docking. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 13547-13563.	2.0	8
1694	Blood Immune Cell Composition Associated with Obesity and Drug Repositioning Revealed by Epigenetic and Transcriptomic Conjoint Analysis. <i>Frontiers in Pharmacology</i> , 2021, 12, 714643.	1.6	1
1695	Artificial intelligence for COVID-19: battling the pandemic with computational intelligence. <i>Intelligent Medicine</i> , 2022, 2, 13-29.	1.6	18
1696	WaterMap and Molecular Dynamic Simulation-Guided Discovery of Potential PAK1 Inhibitors Using Repurposing Approaches. <i>ACS Omega</i> , 2021, 6, 26829-26845.	1.6	9
1697	Repurposing Drugs as Novel Triple-negative Breast Cancer Therapeutics. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 515-550.	0.9	2
1698	Drug repositioning by merging active subnetworks validated in cancer and COVID-19. <i>Scientific Reports</i> , 2021, 11, 19839.	1.6	6
1699	Drug target inference by mining transcriptional data using a novel graph convolutional network framework. <i>Protein and Cell</i> , 2022, 13, 281-301.	4.8	18
1701	Valproic acid disables the Nrf2 anti-oxidant response in acute myeloid leukaemia cells enhancing reactive oxygen species-mediated killing. <i>British Journal of Cancer</i> , 2022, 126, 275-286.	2.9	6
1702	Drug Repurposing for Atopic Dermatitis by Integration of Gene Networking and Genomic Information. <i>Frontiers in Immunology</i> , 2021, 12, 724277.	2.2	18
1703	Drug Repurposing to Identify Nilotinib as a Potential SARS-CoV-2 Main Protease Inhibitor: Insights from a Computational and <i>In Vitro</i> Study. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 5469-5483.	2.5	26
1704	Use of real-world evidence in translational pharmacology research. <i>Fundamental and Clinical Pharmacology</i> , 2021, , .	1.0	1
1705	LINCS Dataset-Based Repositioning of Dutasteride as an Anti-Neuroinflammation Agent. <i>Brain Sciences</i> , 2021, 11, 1411.	1.1	2
1706	Wohin geht die Psychopharmakologie?. , 2006, , 87-92.		0
1707	R&D Outcomes. , 2007, , 66-83.		0
1708	Mycophenolate Mofetil Associated Molecular Profiles and Diseases. <i>Journal of Computer Science and Systems Biology</i> , 2011, 04, .	0.0	1
1709	Konzeption und Grundlagen einer funktionalen Psycho pharmako therapie. , 2012, , 1-20.		0
1710	Orphan Diseases, Bioinformatics and Drug Discovery. <i>Translational Bioinformatics</i> , 2012, , 287-307.	0.0	1
1711	CHALLENGES IN SECONDARY ANALYSIS OF HIGH THROUGHPUT SCREENING DATA. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
1712	Discovering Complex Relationships of Drugs over Distributed Knowledgebases. International Journal of Distributed Systems and Technologies, 2014, 5, 22-39.	0.6	0
1713	Smart, Innovative and Intelligent Technologies Used in Drug Designing. Advances in Logistics, Operations, and Management Science Book Series, 2014, , 285-301.	0.3	0
1714	Metronomics: Potential Social Impact and New Business Models to Improve Availability of Cancer Treatments. , 2014, , 247-261.		0
1715	Human Osteoblast Growth and Maturation in Response to Metformin and the Thienopyridone, A769662. Scholarena Journal of Pharmacy and Pharmacology, 2014, 1, .	0.2	0
1716	Discovering Complex Relationships of Drugs over Distributed Knowledgebases. , 2016, , 1572-1591.		0
1717	Previously licensed anti-mycobacterial drugs: a re-appraisal.. Journal of Zankoy Sulaimani - Part A, 2016, 18, 173-196.	0.1	0
1718	Modelling and Simulation of Biological Systems in Medical Applications. , 2016, , 233-268.		0
1721	Smart, Innovative and Intelligent Technologies Used in Drug Designing. , 2017, , 1175-1191.		0
1724	La Iglesia de Toledo en la Edad Media: organizaci3n institucional y formas de vida religiosa. Estado de la cuesti3n: archivos y descripci3n de manuscritos. Hispania Sacra, 2017, 69, 31.	0.1	2
1725	Scientific and Commercial Value of Drug Repurposing. , 2017, , 3-22.		5
1728	Protein Docking and Drug Design. Advances in Bioinformatics and Biomedical Engineering Book Series, 2018, , 207-241.	0.2	0
1729	Repurposing Antimalarial Drug Mefloquine for Cancer Treatment. Translational Medicine (Sunnyvale,) Tj ETQq1 1 0.784314 rgBT /Ove	0.4	4
1732	Using the Encoder Embedded Framework of Dimensionality Reduction Based on Multiple Drugs Properties for Drug Recommendation. Lecture Notes in Computer Science, 2018, , 258-266.	1.0	1
1735	How Docking Programs Work. Methods in Molecular Biology, 2019, 2053, 35-50.	0.4	6
1736	Protein Docking and Drug Design. , 2019, , 889-922.		0
1737	Triple Effect of Doxorubicin, 5-Fluorouracil, Propranolol on Cell Survival on MCF-7 Breast Cancer Cell Line. Journal of Biosciences and Medicines, 2019, 07, 74-85.	0.1	4
1739	In silico Drug Repositioning Using Omics Data: The Potential and Pitfalls. , 2019, , 1-19.		0
1742	Drug target discovery using knowledge graph embeddings. , 2019, , .		13

#	ARTICLE	IF	CITATIONS
1744	Polypharmacological study of Ceritinib using a structure based in silico approach. <i>Revista Bionatura</i> , 2019, 4, 836-840.	0.1	1
1750	Antiproliferative evaluation of various aminoquinoline derivatives. <i>Acta Pharmaceutica</i> , 2019, 69, 661-672.	0.9	1
1752	Sertraline in combination with sorafenib: A promising pharmacotherapy to target both depressive disorders and hepatocellular cancer. <i>Biologia Futura</i> , 2020, 70, 341-348.	0.6	5
1753	Integration of Phytochemicals and Phytotherapy into Cancer Precision Medicine. <i>Human Perspectives in Health Sciences and Technology</i> , 2020, , 355-392.	0.2	1
1756	Linearization of Dependency and Sampling for Participation-based Betweenness Centrality in Very Large B-hypergraphs. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2020, 14, 1-41.	2.5	1
1759	Coupled immune stratification and identification of therapeutic candidates in patients with lung adenocarcinoma. <i>Aging</i> , 2020, 12, 16514-16538.	1.4	10
1762	Knowledge-based approaches to drug discovery for rare diseases. <i>Drug Discovery Today</i> , 2022, 27, 490-502.	3.2	15
1763	Drug Repositioning Based on the Reversal of Gene Expression Signatures Identifies TOP2A as a Therapeutic Target for Rectal Cancer. <i>Cancers</i> , 2021, 13, 5492.	1.7	17
1764	Deep learning in target prediction and drug repositioning: Recent advances and challenges. <i>Drug Discovery Today</i> , 2022, 27, 1796-1814.	3.2	26
1765	Drug-Repositioning Approaches Based on Medical and Life Science Databases. <i>Frontiers in Pharmacology</i> , 2021, 12, 752174.	1.6	8
1766	Comparative analysis of network-based approaches and machine learning algorithms for predicting drug-target interactions. <i>Methods</i> , 2022, 198, 19-31.	1.9	14
1767	Impact of IoT on the Healthcare Producers: Epitomizing Pharmaceutical Drug Discovery Process. , 2020, , 127-156.		1
1768	Drug Repurposing in Oncotherapeutics. , 0, , .		1
1769	Establishing Orthotopic Xenograft Glioblastoma Models for Use in Preclinical Development. <i>Neuromethods</i> , 2021, , 281-296.	0.2	0
1770	Survey of network-based approaches of drug-target interaction prediction. , 2020, , .		5
1771	A Review on Drug Repurposing: A Strategy to Treat Human Coronavirus Disease (COVID-19). <i>International Journal of Tropical Disease & Health</i> , 0, , 42-54.	0.1	0
1772	ANTIPLASMODIAL ACTIVITY OF KETOTIFEN-ARTEMETHER-LUMEFANTRINE ON PLASMODIUM BERGHEI INFECTED MICE. <i>International Journal of Research -GRANTHAALAYAH</i> , 2020, 8, 251-258.	0.1	0
1773	Synthesis of new Enrofloxacin Derivatives as Potential Antibiofilm Drugs Against <i>Staphylococcus Aureus</i> and <i>Klebsiella Pneumoniae</i> . <i>Medicinal Chemistry</i> , 2020, 17, 85-96.	0.7	1

#	ARTICLE	IF	CITATIONS
1774	Non-antibiotic compounds affecting the growth of urinary pathogens during urine culture: a preliminary in vitro study. <i>Acta Pharmaceutica Hungarica</i> , 2020, 90, 185-191.	0.2	1
1775	Repurposing FDA-Approved Compounds for the Discovery of Glutaminyl Cyclase Inhibitors as Drugs Against Alzheimer's Disease. <i>ChemistryOpen</i> , 2021, 10, 877-881.	0.9	3
1776	Web-based Tools for Drug Repurposing: Successful Examples of Collaborative Research. <i>Current Medicinal Chemistry</i> , 2020, 28, 181-195.	1.2	2
1778	Increasing opportunities of drug repurposing for treating breast cancer by the integration of molecular, histological, and systemic approaches. , 2020, , 121-172.		5
1779	Drug repurposing for cancer therapy—an introduction. , 2020, , 1-14.		6
1780	Animal models and in vivo investigations for drug repurposing in lung cancer. , 2020, , 273-293.		1
1781	Computational Modeling of Nonlinear Phenomena Using Machine Learning. <i>AAPS Introductions in the Pharmaceutical Sciences</i> , 2020, , 53-62.	0.1	0
1782	New pharmaceuticals: The importance of serendipity. <i>Medicinski Casopis</i> , 2020, 54, 143-148.	0.1	0
1784	A Method to Explore the Connectivity Patterns of Proteins and Drugs for Identifying Disease Communities. <i>SN Computer Science</i> , 2020, 1, 1.	2.3	71
1785	Orphan drug designation in Europe: A booster for the research and development of drugs in rare diseases. <i>Therapie</i> , 2020, 75, 133-139.	0.6	10
1786	Drug repurposing for Chagas disease: In vitro assessment of nimesulide against <i>Trypanosoma cruzi</i> and insights on its mechanisms of action. <i>PLoS ONE</i> , 2021, 16, e0258292.	1.1	8
1787	Machine learning and network medicine approaches for drug repositioning for COVID-19. <i>Patterns</i> , 2022, 3, 100396.	3.1	23
1788	Adaptive Responses of <i>Pseudomonas aeruginosa</i> to Treatment with Antibiotics. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0087821.	1.4	7
1791	Zur Konzeption einer funktionalen Psychopharmakotherapie. , 2008, , 1-8.		0
1793	Strategies and Challenges to Develop Therapeutic Candidates against COVID-19 Pandemic. <i>The Open Virology Journal</i> , 2020, 14, 16-21.	1.8	4
1794	Towards FAIR protocols and workflows: the OpenPREDICT use case. <i>PeerJ Computer Science</i> , 2020, 6, e281.	2.7	10
1797	Antiplasmodial Activity of Ketotifen-Artemether-Lumefantrine on <i>Plasmodium Berghei</i> Infected Mice. <i>Health Sciences</i> , 0, 1, .	0.2	1
1798	Drug Repositioning: Antimalarial Activities of GABA Analogs in Mice Infected with <i>Plasmodium berghei</i> . <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2020, 20, 110-121.	0.5	0

#	ARTICLE	IF	CITATIONS
1799	An integrated dataset for in silico drug discovery. <i>Journal of Integrative Bioinformatics</i> , 2010, 7, .	1.0	9
1801	Drug repositioning using disease associated biological processes and network analysis of drug targets. <i>AMIA ... Annual Symposium proceedings</i> , 2011, 2011, 305-11.	0.2	10
1802	A novel multi-modal drug repurposing approach for identification of potent ACK1 inhibitors. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2013, , 29-40.	0.7	11
1803	Challenges in secondary analysis of high throughput screening data. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2014, , 114-24.	0.7	1
1805	Predicting New Target Conditions for Drug Retesting Using Temporal Patterns in Clinical Trials: A Proof of Concept. <i>AMIA Summits on Translational Science Proceedings</i> , 2015, 2015, 445-9.	0.4	0
1806	Carglumic acid promotes apoptosis and suppresses cancer cell proliferation in vitro and in vivo. <i>American Journal of Cancer Research</i> , 2015, 5, 3560-9.	1.4	8
1807	DenguePredict: An Integrated Drug Repositioning Approach towards Drug Discovery for Dengue. <i>AMIA ... Annual Symposium proceedings</i> , 2015, 2015, 1279-88.	0.2	3
1809	Semantic Web Ontology and Data Integration: a Case Study in Aiding Psychiatric Drug Repurposing. <i>AMIA Summits on Translational Science Proceedings</i> , 2016, 2016, 132-9.	0.4	0
1810	A Simple Text Mining Approach for Ranking Pairwise Associations in Biomedical Applications. <i>AMIA Summits on Translational Science Proceedings</i> , 2017, 2017, 166-174.	0.4	15
1811	The STAT3 inhibitor pimozone impedes cell proliferation and induces ROS generation in human osteosarcoma by suppressing catalase expression. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 3853-3866.	0.0	24
1812	The multitargeted drug ivermectin: from an antiparasitic agent to a repositioned cancer drug. <i>American Journal of Cancer Research</i> , 2018, 8, 317-331.	1.4	56
1815	Retrospective analysis of health claims to evaluate pharmacotherapies with potential for repurposing: Association of bupropion and stimulant use disorder remission. <i>AMIA ... Annual Symposium proceedings</i> , 2018, 2018, 1292-1299.	0.2	3
1817	Using Entity Metrics to Understand Drug Repurposing. <i>AMIA Summits on Translational Science Proceedings</i> , 2020, 2020, 377-382.	0.4	0
1818	Predicting The Effects of Chemical-Protein Interactions On Proteins Using Tensor Factorisation. <i>AMIA Summits on Translational Science Proceedings</i> , 2020, 2020, 430-439.	0.4	1
1819	Niclosamide: drug repurposing for human chondrosarcoma treatment via the caspase-dependent mitochondrial apoptotic pathway. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 3688-3701.	0.0	1
1820	Identification of Small-Molecule Regulators of Testicular Receptor 4 via a Drug Repurposing Screening. <i>ACS Omega</i> , 2020, 5, 30625-30632.	1.6	0
1821	Brequinar inhibits enterovirus replication by targeting biosynthesis pathway of pyrimidines. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 8247-8255.	0.0	4
1822	Inhalation delivery of repurposed drugs for lung cancer: Approaches, benefits and challenges. <i>Journal of Controlled Release</i> , 2022, 341, 1-15.	4.8	31

#	ARTICLE	IF	CITATIONS
1823	Computational approaches in drug designing. , 2022, , 207-217.		17
1824	Relation-aware Heterogeneous Graph Transformer based drug repurposing. Expert Systems With Applications, 2022, 190, 116165.	4.4	18
1825	Filtered Tensor Construction and Decomposition for Drug Repositioning. , 2021, , .		1
1826	Drug repositioning of benzimidazole anthelmintics in the treatment of cryptococcosis: a review. Medicinal Chemistry Research, 2022, 31, 26-39.	1.1	3
1827	Nano-Enabled Reposition of Proton Pump Inhibitors for TLR Inhibition: Toward A New Targeted Nanotherapy for Acute Lung Injury. Advanced Science, 2022, 9, e2104051.	5.6	13
1828	Repurposing chlorpromazine for anti-leukaemic therapy by nanoparticle encapsulation. International Journal of Pharmaceutics, 2022, 612, 121296.	2.6	7
1829	Bioinformatics Analysis Identifies Precision Treatment with Paclitaxel for Hepatocellular Carcinoma Patients Harboring Mutant TP53 or Wild-Type CTNNB1 Gene. Journal of Personalized Medicine, 2021, 11, 1199.	1.1	4
1830	PPDTS: Predicting potential drug-target interactions based on network similarity. IET Systems Biology, 2022, 16, 18-27.	0.8	3
1831	Vorinostat Corrects Cognitive and Non-Cognitive Symptoms in a Mouse Model of Fragile X Syndrome. International Journal of Neuropsychopharmacology, 2022, 25, 147-159.	1.0	3
1832	Drug Repurposing for Tuberculosis. , 0, , .		2
1833	Drug Repurposing in Rare Diseases: An Integrative Study of Drug Screening and Transcriptomic Analysis in Nephropathic Cystinosis. International Journal of Molecular Sciences, 2021, 22, 12829.	1.8	11
1834	A Yeast-Based Repurposing Approach for the Treatment of Mitochondrial DNA Depletion Syndromes Led to the Identification of Molecules Able to Modulate the dNTP Pool. International Journal of Molecular Sciences, 2021, 22, 12223.	1.8	6
1835	Neuroinflammation and oxidative stress in schizophrenia: are these opportunities for repurposing?. Postgraduate Medicine, 2022, 134, 187-199.	0.9	8
1836	Small Molecule Compounds, A Novel Strategy against Streptococcus mutans. Pathogens, 2021, 10, 1540.	1.2	6
1837	Pulmonary surfactant as a versatile biomaterial to fight COVID-19. Journal of Controlled Release, 2022, 342, 170-188.	4.8	20
1838	Contribution of Human Pluripotent Stem Cell-Based Models to Drug Discovery for Neurological Disorders. Cells, 2021, 10, 3290.	1.8	4
1839	AutoOmics: New multimodal approach for multi-omics research. Artificial Intelligence in the Life Sciences, 2021, 1, 100012.	1.6	3
1840	A unified drug-target interaction prediction framework based on knowledge graph and recommendation system. Nature Communications, 2021, 12, 6775.	5.8	86

#	ARTICLE	IF	CITATIONS
1841	Strategies to identify candidate repurposable drugs: COVID-19 treatment as a case example. <i>Translational Psychiatry</i> , 2021, 11, 591.	2.4	7
1842	Antitheilerial Activity of the Anticancer Histone Deacetylase Inhibitors. <i>Frontiers in Microbiology</i> , 2021, 12, 759817.	1.5	7
1845	Learning multi-scale heterogenous network topologies and various pairwise attributes for drug-disease association prediction. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	7
1846	Repurposing of Medicines in the EU: Launch of a Pilot Framework. <i>Frontiers in Medicine</i> , 2021, 8, 817663.	1.2	7
1847	Polypharmacology: The science of multi-targeting molecules. <i>Pharmacological Research</i> , 2022, 176, 106055.	3.1	45
1848	Repurposing of FDA-approved drugs as potential inhibitors of the SARS-CoV-2 main protease: Molecular insights into improved therapeutic discovery. <i>Computers in Biology and Medicine</i> , 2022, 142, 105183.	3.9	18
1849	Drug Repurposing: A Paradigm Shift in Drug Discovery. <i>International Journal of Applied Pharmaceutical Sciences and Research</i> , 2020, 5, 60-68.	0.2	0
1850	Phase I Study of the Administration of Low-dose Perioperative Human Atrial Natriuretic Peptide in Patients With Resectable Colorectal Cancer. <i>Anticancer Research</i> , 2020, 40, 5301-5307.	0.5	2
1851	Identification of Small-Molecule Regulators of Testicular Receptor 4 via a Drug Repurposing Screening. <i>ACS Omega</i> , 2020, 5, 30625-30632.	1.6	3
1852	Present era of drug safety in India: An overview. <i>Journal of Pharmacovigilance and Drug Research</i> , 2021, 2, 1-8.	0.1	0
1853	Drug Repurposing: Deferasirox Inhibits the Anti-Apoptotic Activity of Mcl-1. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 5035-5059.	2.0	2
1854	Characterization of the Microflow Through 3D Synthetic Niche Microenvironments Hosted in a Millifluidic Bioreactor. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 799594.	2.0	0
1855	Expression of apple MdMYB10 transcription factor in sugar beet with a screenable marker role and antimicrobial activity. <i>3 Biotech</i> , 2022, 12, 52.	1.1	0
1856	Identification of Anticancer and Anti-inflammatory Drugs from Drugtarget Interaction Descriptors by Machine Learning. <i>Letters in Drug Design and Discovery</i> , 2022, 19, 800-810.	0.4	0
1857	DDA-SKF: Predicting Drug-disease Associations Using Similarity Kernel Fusion. <i>Frontiers in Pharmacology</i> , 2021, 12, 784171.	1.6	6
1858	DDREL: From drug-drug relationships to drug repurposing. <i>Intelligent Data Analysis</i> , 2022, 26, 221-237.	0.4	2
1859	Involvement of Mitochondrial Mechanisms and Cyclooxygenase-2 Activation in the Effect of Desethylamidarone on 4T1 Triple-Negative Breast Cancer Line. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1544.	1.8	2
1860	Interleukin Receptor Antagonists and Janus Kinase Inhibitors Repurposed for Treatment of COVID-19. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, .	1.1	1

#	ARTICLE	IF	CITATIONS
1861	The discovery of herbal drugs and natural compounds as inhibitors of SARS-CoV-2 infection in vitro. <i>Journal of Natural Medicines</i> , 2022, 76, 402-409.	1.1	14
1862	Copper (I±)-platinum-loaded nanogels as an adjuvant potentiate disulfiram's antitumor efficacy. <i>Biomaterials Science</i> , 2022, 10, 1384-1392.	2.6	2
1863	Antiviral activity of 5-aminolevulinic acid against variants of severe acute respiratory syndrome coronavirus 2. <i>Tropical Medicine and Health</i> , 2022, 50, 6.	1.0	8
1865	Identification of Druggable Genes for Asthma by Integrated Genomic Network Analysis. <i>Biomedicines</i> , 2022, 10, 113.	1.4	15
1866	Using artificial intelligence technology to fight COVID-19: a review. <i>Artificial Intelligence Review</i> , 2022, 55, 4941-4977.	9.7	24
1867	Tackling the Behavior of Cancer Cells: Molecular Bases for Repurposing Antipsychotic Drugs in the Treatment of Glioblastoma. <i>Cells</i> , 2022, 11, 263.	1.8	10
1868	Identification of broad anti-coronavirus chemical agents for repurposing against SARS-CoV-2 and variants of concern. <i>Current Research in Virological Science</i> , 2022, 3, 100019.	1.8	20
1869	Reposition of the anti-inflammatory drug diacerein in an in-vivo colorectal cancer model. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 72-90.	1.2	5
1870	Introduction and Historical Overview of Drug Repurposing Opportunities. <i>RSC Drug Discovery Series</i> , 2022, , 1-13.	0.2	4
1871	COVID-19 Drug Development. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 1-5.	0.9	26
1872	Clinical Effect of Hepatitis B Virus on COVID-19 Infected Patients: A Nationwide Population-Based Study Using the Health Insurance Review & Assessment Service Database. <i>Journal of Korean Medical Science</i> , 2022, 37, e29.	1.1	16
1873	Integrating gene expression and clinical data to identify drug repurposing candidates for hyperlipidemia and hypertension. <i>Nature Communications</i> , 2022, 13, 46.	5.8	19
1874	Computational Approach to Combat COVID-19 Infection: Emerging Tools for Accelerating Drug Research. <i>Current Drug Discovery Technologies</i> , 2022, 19, .	0.6	4
1875	Repurposing the Pathogen Box compounds for identification of potent anti-malarials against blood stages of <i>Plasmodium falciparum</i> with PfUCLH3 inhibitory activity. <i>Scientific Reports</i> , 2022, 12, 918.	1.6	4
1876	A hybrid approach unveils drug repurposing candidates targeting an Alzheimer pathophysiology mechanism. <i>Patterns</i> , 2022, 3, 100433.	3.1	13
1877	The Neural Metric Factorization for Computational Drug Repositioning. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2022, PP, 1-1.	1.9	3
1878	Repurposing Eltrombopag as an Antimicrobial Agent Against Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 790686.	1.5	1
1879	Novel Repositioning Therapy for Drug-Resistant Glioblastoma: In Vivo Validation Study of Clindamycin Treatment Targeting the mTOR Pathway and Combination Therapy with Temozolomide. <i>Cancers</i> , 2022, 14, 770.	1.7	2

#	ARTICLE	IF	CITATIONS
1880	Dissecting the Mechanism of Action of Spiperone—A Candidate for Drug Repurposing for Colorectal Cancer. <i>Cancers</i> , 2022, 14, 776.	1.7	3
1881	New repurposed rolapitant in nanovesicular systems for lung cancer treatment: Development, in-vitro assessment and in-vivo biodistribution study. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 171, 106119.	1.9	14
1882	Multiview network embedding for drug-target Interactions prediction by consistent and complementary information preserving. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	6
1883	Inhibition of SARS-Cov-2 proteases by medicinal plant bioactive constituents: Molecular docking simulation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 976, 012054.	0.2	0
1884	Antiviral drug discovery by targeting the SARS-CoV-2 polyprotein processing by inhibition of the main protease. <i>PeerJ</i> , 2022, 10, e12929.	0.9	3
1885	Drug Repositioning Using Temporal Trajectories of Accompanying Comorbidities in Diabetes Mellitus. <i>Endocrinology and Metabolism</i> , 2022, 37, 65-73.	1.3	2
1886	Artificial intelligence and Psychiatry: An overview. <i>Asian Journal of Psychiatry</i> , 2022, 70, 103021.	0.9	31
1887	Artificial Intelligence based Modern Approaches to Diagnose Alzheimer s. <i>Indian Journal of Artificial Intelligence and Neural Networking</i> , 2022, 2, 1-14.	0.2	0
1889	Repurposing FDA-approved sulphonamide carbonic anhydrase inhibitors for treatment of <i>Neisseria gonorrhoeae</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 51-61.	2.5	26
1890	New Use for an Old Drug of Niclosamide. <i>Hans Journal of Chemical Engineering and Technology</i> , 2022, 12, 81-87.	0.0	1
1891	Machine Learning Models for Predicting Liver Toxicity. <i>Methods in Molecular Biology</i> , 2022, 2425, 393-415.	0.4	7
1892	A survey of optimal strategy for signature-based drug repositioning and an application to liver cancer. <i>ELife</i> , 2022, 11, .	2.8	47
1893	The Application of Small Molecules to the Control of Typical Species Associated With Oral Infectious Diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 816386.	1.8	4
1894	In silico evaluation of <i>Vitis amurensis</i> Rupr. Polyphenol compounds for their inhibition potency against COVID-19 main enzymes Mpro and RdRp. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 570-584.	1.2	8
1895	Overcoming Drug Resistance in Advanced Prostate Cancer by Drug Repurposing. <i>Medical Sciences (Basel, Switzerland)</i> , 2022, 10, 15.	1.3	13
1896	Computational Drug Repurposing Based on a Recommendation System and Drug—Drug Functional Pathway Similarity. <i>Molecules</i> , 2022, 27, 1404.	1.7	7
1897	Towards a general framework for innovation shaped with AI to create and transform market offerings. <i>European Management Review</i> , 0, , .	2.2	3
1898	Recycled Translation: Repurposing Drugs for Stroke. <i>Translational Stroke Research</i> , 2022, 13, 866-880.	2.3	5

#	ARTICLE	IF	CITATIONS
1899	Drug Repurposing and De Novo Drug Discovery of Protein Kinase Inhibitors as New Drugs against Schistosomiasis. <i>Molecules</i> , 2022, 27, 1414.	1.7	13
1900	Repurposing of Antibiotics: Sense or Non-sense. <i>Frontiers in Pharmacology</i> , 2022, 13, 833005.	1.6	3
1901	Teaching an old dog new tricks: Drug discovery by repositioning natural products and their derivatives. <i>Drug Discovery Today</i> , 2022, 27, 1936-1944.	3.2	28
1902	Identification of potential biological targets of oxindole scaffolds via in silico repositioning strategies. <i>F1000Research</i> , 0, 11, 217.	0.8	0
1903	How nano-engineered delivery systems can help marketed and repurposed drugs in Alzheimer's disease treatment?. <i>Drug Discovery Today</i> , 2022, 27, 1575-1589.	3.2	8
1904	Current Trends in Computational chemistry for Breast Cancer.. <i>Letters in Drug Design and Discovery</i> , 2022, 19, .	0.4	0
1905	Identification of potential biological targets of oxindole scaffolds via in silico repositioning strategies. <i>F1000Research</i> , 0, 11, 217.	0.8	0
1906	A Novel Deep Neural Network Technique for Drug-Target Interaction. <i>Pharmaceutics</i> , 2022, 14, 625.	2.0	8
1908	Repositioning of <i>Cannabis sativa</i> : A topic under construction. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2022, , .	0.7	0
1909	Systemic Efficacy of Sirolimus via the ERBB Signaling Pathway in Breast Cancer. <i>Processes</i> , 2022, 10, 552.	1.3	1
1910	AKR1B1 promotes pancreatic cancer metastasis by regulating lysosome-guided exosome secretion. <i>Nano Research</i> , 0, , 1.	5.8	1
1911	Niclosamide—A promising treatment for COVID-19. <i>British Journal of Pharmacology</i> , 2022, 179, 3250-3267.	2.7	31
1912	Recent Advancements in Antipsoriatic Therapy: An Update. , 0, , 83-108.		1
1913	Past, Present, and Future of Therapies for Pituitary Neuroendocrine Tumors: Need for Omics and Drug Repositioning Guidance. <i>OMICS A Journal of Integrative Biology</i> , 2022, 26, 115-129.	1.0	2
1914	Gene Therapy, A Potential Therapeutic Tool for Neurological and Neuropsychiatric Disorders: Applications, Challenges and Future Perspective. <i>Current Gene Therapy</i> , 2023, 23, 20-40.	0.9	6
1915	Task-driven knowledge graph filtering improves prioritizing drugs for repurposing. <i>BMC Bioinformatics</i> , 2022, 23, 84.	1.2	8
1916	Drug Repurposing to Target Neuroinflammation and Sensory Neuron-Dependent Pain. <i>Drugs</i> , 2022, 82, 357-373.	4.9	11
1917	Transcriptome-Guided Identification of Drugs for Repurposing to Treat Age-Related Hearing Loss. <i>Biomolecules</i> , 2022, 12, 498.	1.8	8

#	ARTICLE	IF	CITATIONS
1918	In silico drug repositioning based on integrated drug targets and canonical correlation analysis. <i>BMC Medical Genomics</i> , 2022, 15, 48.	0.7	2
1919	Pirfenidone Sensitizes NCI-H460 Non-Small Cell Lung Cancer Cells to Paclitaxel and to a Combination of Paclitaxel with Carboplatin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3631.	1.8	10
1920	Analysis of drug repositioning and prediction techniques: A concise review. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, .	1.0	0
1921	Cysteinyl Leukotriene Receptor Antagonists Associated With a Decreased Incidence of Cancer: A Retrospective Cohort Study. <i>Frontiers in Oncology</i> , 2022, 12, 858855.	1.3	4
1922	Novel drug-target interactions via link prediction and network embedding. <i>BMC Bioinformatics</i> , 2022, 23, 121.	1.2	6
1923	Drug reposition-based design, synthesis, and biological evaluation of dual inhibitors of acetylcholinesterase and β -Secretase for treatment of Alzheimer's disease. <i>Journal of Molecular Structure</i> , 2022, 1262, 132979.	1.8	6
1924	A small molecule inhibitor of caspase-1 inhibits NLRP3 inflammasome activation and pyroptosis to alleviate gouty inflammation. <i>Immunology Letters</i> , 2022, 244, 28-39.	1.1	12
1925	Design and application of a knowledge network for automatic prioritization of drug mechanisms. <i>Bioinformatics</i> , 2022, 38, 2880-2891.	1.8	9
1926	Identification of prophylactic drugs for oxaliplatin-induced peripheral neuropathy using big data. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112744.	2.5	4
1927	Heterogeneous multi-scale neighbor topologies enhanced drug-disease association prediction. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	2
1928	Therapeutic strategies for tauopathies and drug repurposing as a potential approach. <i>Biochemical Pharmacology</i> , 2022, 198, 114979.	2.0	7
1929	Combined drug triads for synergic neuroprotection in retinal degeneration. <i>Biomedicine and Pharmacotherapy</i> , 2022, 149, 112911.	2.5	7
1930	Inhibition of PDK3 by artemisinin, a repurposed antimalarial drug in cancer therapy. <i>Journal of Molecular Liquids</i> , 2022, 355, 118928.	2.3	16
1931	Disease Based Computational Drug Repurposing: A Review. , 2021, , .		1
1932	Comparison of performance of two virtual screening software on acetylcholinesterase protein molecular docking. , 2021, , .		0
1933	Alternative Treatment Strategies for Secondary Bacterial and Fungal Infections Associated with COVID-19. <i>Infectious Diseases and Therapy</i> , 2022, 11, 53-78.	1.8	8
1934	Metformin Repurposing for Parkinson Disease Therapy: Opportunities and Challenges. <i>International Journal of Molecular Sciences</i> , 2022, 23, 398.	1.8	30
1935	Can Any Drug Be Repurposed for Cancer Treatment? A Systematic Assessment of the Scientific Literature. <i>Cancers</i> , 2021, 13, 6236.	1.7	3

#	ARTICLE	IF	CITATIONS
1936	HINGRL: predicting drug-disease associations with graph representation learning on heterogeneous information networks. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	60
1937	Drug Repurposing Using Modularity Clustering in Drug-Drug Similarity Networks Based on Drug-Gene Interactions. <i>Pharmaceutics</i> , 2021, 13, 2117.	2.0	11
1938	Current Drug Repurposing Strategies for Rare Neurodegenerative Disorders. <i>Frontiers in Pharmacology</i> , 2021, 12, 768023.	1.6	14
1939	Drug Repurposing for Influenza Virus Polymerase Acidic (PA) Endonuclease Inhibitor. <i>Molecules</i> , 2021, 26, 7326.	1.7	3
1940	Repositioning Food and Drug Administration-Approved Drugs for Inhibiting Biliverdin IX α Reductase B as a Novel Thrombocytopenia Therapeutic Target. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 2548-2557.	2.9	1
1941	COVID-19: The question of genetic diversity and therapeutic intervention approaches. <i>Genetics and Molecular Biology</i> , 2021, 44, e20200452.	0.6	1
1942	Improved drug-target interaction prediction with intermolecular graph transformer. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	4
1943	SuperPred 3.0: drug classification and target prediction—a machine learning approach. <i>Nucleic Acids Research</i> , 2022, 50, W726-W731.	6.5	46
1944	Oncology Drug Repurposing for Sepsis Treatment. <i>Biomedicines</i> , 2022, 10, 921.	1.4	5
1945	Targeted Molecular Strategies for Genetic Neurodevelopmental Disorders: Emerging Lessons from Dravet Syndrome. <i>Neuroscientist</i> , 2023, 29, 732-750.	2.6	0
1946	Antituberculosis Drug Repurposing: A New Hope for Tackling Multi-Challenging TB in Timely Manner. , 0, , .		1
1947	European patent protection for medical uses of known products and drug repurposing. <i>Nature Biotechnology</i> , 2022, 40, 465-471.	9.4	2
1948	Double Repositioning: Veterinary Antiparasitic to Human Anticancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4315.	1.8	5
1949	Inhibition of PRMT5 by market drugs as a novel cancer therapeutic avenue. <i>Genes and Diseases</i> , 2023, 10, 267-283.	1.5	4
1950	Comprehensive network medicine-based drug repositioning via integration of therapeutic efficacy and side effects. <i>Npj Systems Biology and Applications</i> , 2022, 8, 12.	1.4	9
1951	Combination Therapy of Ledipasvir and Itraconazole in the Treatment of COVID-19 Patients Coinfected with Black Fungus: An In Silico Statement. <i>BioMed Research International</i> , 2022, 2022, 1-10.	0.9	2
1985	Drug repurposing for tooth regeneration: The promising premises. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2021, 13, 957.	0.2	1
1986	Repurposing the PDMA-approved drugs in Japan using an insect model of staphylococcal infection. <i>FEMS Microbes</i> , 2022, 3, .	0.8	2

#	ARTICLE	IF	CITATIONS
1987	Prediction of Multi Class Drugs: A Perspective for Designing Drug with Many Uses. , 2022, , .		1
1988	An Overview of Mucosa-Associated Protozoa: Challenges in Chemotherapy and Future Perspectives. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 860442.	1.8	7
1989	Drug discovery strategies for drug repositioning based on data science. <i>Okayama Igakkai Zasshi</i> , 2022, 134, 16-21.	0.0	0
1990	RP-HPLC Method Development, Validation, and Drug Repurposing of Sofosbuvir Pharmaceutical Dosage Form: A Multidimensional Study. <i>Environmental Research</i> , 2022, 212, 113282.	3.7	5
1991	Probing the Immune System Dynamics of the COVID-19 Disease for Vaccine Designing and Drug Repurposing Using Bioinformatics Tools. <i>Immuno</i> , 2022, 2, 344-371.	0.6	2
1992	Probing the Action of Screened Anticancer Triazoleâ€“Tetrazole Derivatives Against COVID-19 Using Molecular Docking and DFT Investigations. <i>Natural Product Communications</i> , 2022, 17, 1934578X2210939.	0.2	1
1993	Hybrid drug-screening strategy identifies potential SARS-CoV-2 cell-entry inhibitors targeting human transmembrane serine protease. <i>Structural Chemistry</i> , 2022, 33, 1503-1515.	1.0	4
1994	A Rational Approach to Drug Repositioning in Î²-thalassemia: Induction of Fetal Hemoglobin by Established Drugs. <i>Wellcome Open Research</i> , 0, 7, 150.	0.9	2
1996	Challenges for rapamycin repurposing as a potential therapeutic candidate for COVID-19: implications for skeletal muscle metabolic health in older persons. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, , .	1.8	0
1997	Old drugs, new tricks: Emerging role of drug repurposing in the management of atopic dermatitis. <i>Cytokine and Growth Factor Reviews</i> , 2022, 65, 12-26.	3.2	6
1998	Benznidazole, itraconazole, and their combination for the treatment of chronic experimental Chagas disease in dogs. <i>Experimental Parasitology</i> , 2022, 238, 108266.	0.5	4
1999	A multidrug efflux protein in <i>Mycobacterium tuberculosis</i> ; tap as a potential drug target for drug repurposing. <i>Computers in Biology and Medicine</i> , 2022, 146, 105607.	3.9	4
2000	Repurposed and investigational disease-modifying drugs in osteoarthritis (DMOADs). <i>Therapeutic Advances in Musculoskeletal Disease</i> , 2022, 14, 1759720X2210902.	1.2	18
2001	Redirecting Imipramine against Bluetongue Virus Infection: Insights from a Genome-wide Haploid Screening Study. <i>Pathogens</i> , 2022, 11, 602.	1.2	2
2002	Investigation of drugs for the prevention of doxorubicin-induced cardiac events using big data analysis. <i>European Journal of Pharmacology</i> , 2022, 928, 175083.	1.7	5
2004	Prospective Medicines against the Widespread, Emergent, and Multidrugresistant Opportunistic Fungal Pathogen <i>Candida auris</i> : A Breath of Hope. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 1297-1305.	1.0	0
2005	Repurposing of cyclophilin A inhibitors as broad-spectrum antiviral agents. <i>Drug Discovery Today</i> , 2022, 27, 1895-1912.	3.2	12
2006	StarGazer: A Hybrid Intelligence Platform for Drug Target Prioritization and Digital Drug Repositioning Using Streamlit. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	6

#	ARTICLE	IF	CITATIONS
2007	Drug repositioning in drug discovery of T2DM and repositioning potential of antidiabetic agents. Computational and Structural Biotechnology Journal, 2022, 20, 2839-2847.	1.9	15
2008	Candesartan Effectively Preserves Cognition in Senescence Accelerated Mouse Prone 8 (SAMP8) mice. Journal of Alzheimer's Disease Reports, 2022, 6, 257-269.	1.2	1
2009	Drug repositioning for cancer in the era of AI, big omics, and real-world data. Critical Reviews in Oncology/Hematology, 2022, 175, 103730.	2.0	10
2010	Repurposing of antiviral drugs for COVID-19 and impact of repurposed drugs on the nervous system. Microbial Pathogenesis, 2022, 168, 105608.	1.3	9
2013	Drug repurposing for SARS-CoV-2 (COVID-19) treatment. , 2022, , 205-226.		2
2014	Trends in Molecular Aspects and Therapeutic Applications of Drug Repurposing for Infectious Diseases. , 0, , .		0
2015	Converting a drug from off-label to on-label use: Government subsidies and patient welfare. Decision Sciences, 2023, 54, 579-595.	3.2	0
2016	A Rational Approach to Drug Repositioning in β^2 -thalassemia: Induction of Fetal Hemoglobin by Established Drugs. Wellcome Open Research, 0, 7, 150.	0.9	2
2017	Non-Antibiotic Drug Repositioning as an Alternative Antimicrobial Approach. Antibiotics, 2022, 11, 816.	1.5	19
2018	Switching indication of PEGylated lipid nanocapsules-loaded with rolapitant and deferasirox against breast cancer: Enhanced in-vitro and in-vivo cytotoxicity. Life Sciences, 2022, 305, 120731.	2.0	8
2019	Development of Nafamostat Mesylate Immediate-Release Tablet by Drug Repositioning Using Quality-by-Design Approach. Pharmaceutics, 2022, 14, 1219.	2.0	3
2020	In Silico Molecular Dynamics of Griseofulvin and Its Derivatives Revealed Potential Therapeutic Applications for COVID-19. International Journal of Molecular Sciences, 2022, 23, 6889.	1.8	6
2021	Computational approaches for drug repositioning and repurposing to combat SARS-CoV-2 infection. , 2022, , 247-265.		0
2022	System and network biology-based computational approaches for drug repositioning. , 2022, , 267-290.		3
2023	Mitochondria Targeted Liposomes of Metformin for Improved Anticancer Activity: Preparation and Evaluation. SSRN Electronic Journal, 0, , .	0.4	0
2024	Present and future challenges in therapeutic designing using computational approaches. , 2022, , 489-505.		0
2025	Imipramine and olanzapine block apoE4-catalyzed polymerization of $A\beta^2$ and show evidence of improving Alzheimer's disease cognition. Alzheimer's Research and Therapy, 2022, 14, .	3.0	7
2026	Repurposing Drugs via Network Analysis: Opportunities for Psychiatric Disorders. Pharmaceutics, 2022, 14, 1464.	2.0	8

#	ARTICLE	IF	CITATIONS
2027	Network Proximity-Based Drug Repurposing Strategy for Early and Late Stages of Primary Biliary Cholangitis. <i>Biomedicines</i> , 2022, 10, 1694.	1.4	2
2029	Integration of various protein similarities using random forest technique to infer augmented drug-protein matrix for enhancing drug-disease association prediction. <i>Science Progress</i> , 2022, 105, 003685042211092.	1.0	6
2030	Industrializing AI-powered drug discovery: lessons learned from the <i>Patrimony</i> computing platform. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 815-824.	2.5	5
2031	Dual Acting Immuno-Antibiotics: Computational Investigation on Antibacterial Efficacy of Immune Boosters Against Isoprenoid H Enzyme. <i>Assay and Drug Development Technologies</i> , 0, .	0.6	3
2032	In silico approaches for drug repurposing in oncology: Protocol for a scoping review of existing evidence. <i>PLoS ONE</i> , 2022, 17, e0271002.	1.1	1
2033	Keeping up with the COVID'sâ€”Could siRNAâ€based antivirals be a part of the answer?. <i>Exploration</i> , 2022, 2, .	5.4	7
2034	Pharmacotherapy for Alzheimerâ€™s disease: whatâ€™s new on the horizon?. <i>Expert Opinion on Pharmacotherapy</i> , 0, , 1-19.	0.9	1
2035	The use of genomic variants to drive drug repurposing for chronic hepatitis B. <i>Biochemistry and Biophysics Reports</i> , 2022, 31, 101307.	0.7	6
2036	A comprehensive review of artificial intelligence and network based approaches to drug repurposing in Covid-19. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113350.	2.5	31
2037	Locally Applied Repositioned Hormones for Oral Bone and Periodontal Tissue Engineering: A Narrative Review. <i>Polymers</i> , 2022, 14, 2964.	2.0	3
2038	Age-related diseases, therapies and gut microbiome: A new frontier for healthy aging. <i>Mechanisms of Ageing and Development</i> , 2022, 206, 111711.	2.2	14
2039	Natural Products of Marine Origin for the Treatment of Colorectal and Pancreatic Cancers: Mechanisms and Potential. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8048.	1.8	4
2040	Bioactive components of different nasal spray solutions may defeat SARS-Cov2: repurposing and in silico studies. <i>Journal of Molecular Modeling</i> , 2022, 28, .	0.8	7
2041	Etodolac Fortified Sodium Deoxycholate Stabilized Zein Nanoplatfoms for Augmented Repositioning Profile in Human Hepatocellular Carcinoma: Assessment of Bioaccessibility, Anti-Proliferation, Pro-Apoptosis and Oxidant Potentials in HepG2 Cells. <i>Pharmaceutics</i> , 2022, 15, 916.	1.7	0
2042	Tetramisole is a new I_{K1} channel agonist and exerts I_{K1}-dependent cardioprotective effects in rats. <i>Pharmacology Research and Perspectives</i> , 2022, 10, .	1.1	2
2044	Combinatorial approaches for novel cardiovascular drug discovery: a review of the literature. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 1111-1129.	2.5	2
2045	Anti-glioblastoma activity of monensin and its analogs in an organoid model of cancer. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113440.	2.5	8
2046	Virtual screening of substances used in the treatment of SARS-CoV-2 infection and analysis of compounds with known action on structurally similar proteins from other viruses. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113432.	2.5	5

#	ARTICLE	IF	CITATIONS
2050	Drug repurposing: a systematic review on root causes, barriers and facilitators. BMC Health Services Research, 2022, 22, .	0.9	39
2051	Application of Mesoporous Silica Nanoparticles in Cancer Therapy and Delivery of Repurposed Anthelmintics for Cancer Therapy. Pharmaceutics, 2022, 14, 1579.	2.0	29
2052	CSatDTA: Prediction of Drug-Target Binding Affinity Using Convolution Model with Self-Attention. International Journal of Molecular Sciences, 2022, 23, 8453.	1.8	11
2053	Sildenafil, a Type-5 Phosphodiesterase Inhibitor, Fails to Reverse Myeloid-Derived Suppressor Cell-Mediated T Cell Suppression in Cells Isolated From Tuberculosis Patients. Frontiers in Immunology, 0, 13, .	2.2	3
2054	A Rational Approach to Drug Repositioning in β -thalassemia: Induction of Fetal Hemoglobin by Established Drugs. Wellcome Open Research, 0, 7, 150.	0.9	7
2055	Benznidazole and amiodarone combined treatment attenuates cytoskeletal damage in Trypanosoma cruzi-infected cardiac cells. Frontiers in Cellular and Infection Microbiology, 0, 12, .	1.8	3
2056	Virtual screening of Indonesian herbal compounds as COVID-19 supportive therapy: machine learning and pharmacophore modeling approaches. BMC Complementary Medicine and Therapies, 2022, 22, .	1.2	12
2057	Drosophila melanogaster: A platform for anticancer drug discovery and personalized therapies. Frontiers in Genetics, 0, 13, .	1.1	10
2058	A pharmacometric approach to evaluate drugs for potential repurposing as COVID-19 therapeutics. Expert Review of Clinical Pharmacology, 2022, 15, 945-958.	1.3	3
2059	A Study on Repositioning Nalidixic Acid via Lanthanide Complexation: Synthesis, Characterization, Cytotoxicity and DNA/Protein Binding Studies. Pharmaceutics, 2022, 15, 1010.	1.7	4
2060	Efonidipine Inhibits JNK and NF- κ B Pathway to Attenuate Inflammation and Cell Migration Induced by Lipopolysaccharide in Microglial Cells. Biomolecules and Therapeutics, 2022, 30, 455-464.	1.1	3
2061	Disulfiram in glioma: Literature review of drug repurposing. Frontiers in Pharmacology, 0, 13, .	1.6	2
2062	A review on computer-aided chemogenomics and drug repositioning for rational COVID-19 drug discovery. Chemical Biology and Drug Design, 2022, 100, 699-721.	1.5	18
2063	In silico Drug Repurposing of Anticancer Drug 5-FU and Analogues Against SARS-CoV-2 Main Protease: Molecular Docking, Molecular Dynamics Simulation, Pharmacokinetics and Chemical Reactivity Studies. Advances and Applications in Bioinformatics and Chemistry, 0, Volume 15, 59-77.	1.6	4
2064	Deciphering the molecular mechanism and crosstalk between Parkinson's disease and breast cancer through multi-omics and drug repurposing approach. Neuropeptides, 2022, 96, 102283.	0.9	6
2065	Azelnidipine inhibits esophageal squamous cell carcinoma proliferation in vivo and in vitro by targeting MEK1/2. Molecular Therapy - Oncolytics, 2022, 27, 61-72.	2.0	4
2066	Investigating forthcoming strategies to tackle deadly superbugs: current status and future vision. Expert Review of Anti-Infective Therapy, 2022, 20, 1309-1332.	2.0	9
2067	Mitochondria targeted liposomes of metformin for improved anticancer activity: Preparation and evaluation. Journal of Drug Delivery Science and Technology, 2022, 76, 103795.	1.4	4

#	ARTICLE	IF	CITATIONS
2068	Integration of genomic variants and bioinformatic-based approach to drive drug repurposing for multiple sclerosis. <i>Biochemistry and Biophysics Reports</i> , 2022, 32, 101337.	0.7	5
2069	Novel epigenetic therapeutic strategies and targets in cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166552.	1.8	8
2070	<i>Polypharmacology and Natural Products.</i> , 2022, , 625-646.		1
2071	<i>Genomic Approaches for Drug Repositioning.</i> , 2022, , 49-72.		0
2072	<i>Polypharmacology in Old Drug Rediscovery: Drug Repurposing.</i> , 2022, , 535-592.		2
2073	Ligand-based drug repurposing strategy identified SARS-CoV-2 RNA G-quadruplex binders. <i>Chemical Communications</i> , 2022, 58, 11913-11916.	2.2	8
2074	Potential drug targets against HPV and repurposing of existing drugs. , 2022, , 129-148.		0
2075	NSAP: A Neighborhood Subgraph Aggregation Method for Drug-Disease Association Prediction. <i>Lecture Notes in Computer Science</i> , 2022, , 79-91.	1.0	2
2076	The Computational Drug Repositioning Without Negative Sampling. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2023, 20, 1506-1517.	1.9	1
2077	<i>Polypharmacology in Drug Design and Discovery</i> ”Basis for Rational Design of Multitarget Drugs. , 2022, , 397-533.		1
2078	<i>Polypharmacology: New Paradigms in Drug Development.</i> , 2022, , 17-26.		0
2079	Disruption of Lipid Raft Microdomains, Regulation of CD38, TP53, and MYC Signaling, and Induction of Apoptosis by Lomitapide in Multiple Myeloma Cells. <i>Cancer Genomics and Proteomics</i> , 2022, 19, 540-555.	1.0	4
2080	<i>Drug repositioning with gender perspective focused on Adverse Drug Reactions.</i> , 2022, , .		0
2081	<i>Drug Repurposing Opportunities in Shapley Space.</i> , 2022, , .		0
2082	Discovery of Quinacrine as a Potent Topo II and Hsp90 Dual-Target Inhibitor, Repurposing for Cancer Therapy. <i>Molecules</i> , 2022, 27, 5561.	1.7	6
2083	Identifying Protective Drugs for Parkinson's Disease in HealthCare Databases Using Machine Learning. <i>Movement Disorders</i> , 2022, 37, 2376-2385.	2.2	6
2084	Synergism between the Antidepressant Sertraline and Caspofungin as an Approach to Minimise the Virulence and Resistance in the Dermatophyte <i>Trichophyton rubrum</i> . <i>Journal of Fungi (Basel)</i> , 2022, 7, 1051.	0.0	0
2085	Heterocycles in Breast Cancer Treatment: The Use of Pyrazole Derivatives. <i>Current Medicinal Chemistry</i> , 2023, 30, 1145-1174.	1.2	7

#	ARTICLE	IF	CITATIONS
2087	Machine learning models for rat multigeneration reproductive toxicity prediction. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
2088	Nicosamide as a repurposing drug against Gram-positive bacterial infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 3312-3320.	1.3	1
2089	Targeting Mast Cells in Allergic Disease: Current Therapies and Drug Repurposing. <i>Cells</i> , 2022, 11, 3031.	1.8	8
2090	Combined In Silico and In Vitro Evidence Supporting an Aurora A Kinase Inhibitory Role of the Anti-Viral Drug Rilpivirine and an Anti-Proliferative Influence on Cancer Cells. <i>Pharmaceutics</i> , 2022, 15, 1186.	1.7	3
2091	Development and Challenges of Diclofenac-Based Novel Therapeutics: Targeting Cancer and Complex Diseases. <i>Cancers</i> , 2022, 14, 4385.	1.7	15
2092	GCMM: graph convolution network based on multimodal attention mechanism for drug repurposing. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	5
2093	An in-silico approach to studying a very rare neurodegenerative disease using a disease with higher prevalence with shared pathways and genes: Cerebral adrenoleukodystrophy and Alzheimer's disease. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	3
2094	Nebivolol as a Potent TRPM8 Channel Blocker: A Drug-Screening Approach through Automated Patch Clamping and Ligand-Based Virtual Screening. <i>Membranes</i> , 2022, 12, 954.	1.4	4
2095	Drug repositioning: A bibliometric analysis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7
2096	A Brief Study on Drug Repurposing: New Way of Boosting Drug Discovery. <i>Letters in Drug Design and Discovery</i> , 2022, 19, .	0.4	1
2097	How has artificial intelligence impacted COVID-19 drug repurposing and what lessons have we learned?. <i>Expert Opinion on Drug Discovery</i> , 2022, 17, 1061-1065.	2.5	2
2098	DrSim: Similarity Learning for Transcriptional Phenotypic Drug Discovery. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 1028-1036.	3.0	2
2099	Mining on Alzheimer's diseases related knowledge graph to identify potential AD-related semantic triples for drug repurposing. <i>BMC Bioinformatics</i> , 2022, 23, .	1.2	4
2100	Targeting Homologous Recombination Deficiency in Ovarian Cancer with PARP Inhibitors: Synthetic Lethal Strategies That Impact Overall Survival. <i>Cancers</i> , 2022, 14, 4621.	1.7	3
2101	Small Molecules as Toll-like Receptor 4 Modulators Drug and In-House Computational Repurposing. <i>Biomedicines</i> , 2022, 10, 2326.	1.4	2
2102	Outlining the molecules tested in vivo for Chagas disease, Malaria, and Schistosomiasis over the last six years – a literature review focused on new synthetic drug identities and repurposing strategies. <i>Current Medicinal Chemistry</i> , 2022, 29, .	1.2	0
2103	Anti-breast cancer drugs targeting cell-surface glucose-regulated protein 78: a drug repositioning in silico study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 7794-7808.	2.0	4
2104	Therapeutic drug repositioning with special emphasis on neurodegenerative diseases: Threats and issues. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4

#	ARTICLE	IF	CITATIONS
2105	Revisiting potential value of antitumor drugs in the treatment of COVID-19. Cell and Bioscience, 2022, 12, .	2.1	1
2107	Transcriptional Profiling of Pseudomonas aeruginosa Infections. Advances in Experimental Medicine and Biology, 2022, , 303-323.	0.8	3
2108	Identification of Diosmin and Flavin Adenine Dinucleotide as Repurposing Treatments for Monkeypox Virus: A Computational Study. International Journal of Molecular Sciences, 2022, 23, 11570.	1.8	11
2109	Repurposing of Drugs: Updates and New Perspectives. Research Journal of Pharmacy and Technology, 2022, , 4309-4314.	0.2	0
2110	Drug reprofiling history and potential therapies against Parkinsonâ€™s disease. Frontiers in Pharmacology, 0, 13, .	1.6	2
2111	Early Treatment with Metformin Improves Neurological Outcomes in Lafora Disease. Neurotherapeutics, 2023, 20, 230-244.	2.1	11
2112	In Silico Analysis of the Antidepressant Fluoxetine and Related Drugs at SARS-CoV-2 Main Protease (Mpro) and Papain-like Protease (PLpro). Current Drug Discovery Technologies, 2023, 20, .	0.6	1
2113	DrugRep: an automatic virtual screening server for drug repurposing. Acta Pharmacologica Sinica, 2023, 44, 888-896.	2.8	21
2114	Griseofulvin: An Updated Overview of Old and Current Knowledge. Molecules, 2022, 27, 7034.	1.7	17
2115	Capture and passive predation in times of COVID-19 pandemic. Public Choice, 0, , .	1.0	0
2116	Drug repurposing strategy part 1: from approved drugs to agri-bactericides leads. Journal of Antibiotics, 2023, 76, 27-51.	1.0	8
2117	Novel Strategies for Cancer Combat: Drug Combination Using Repurposed Drugs Induces Synergistic Growth Inhibition of MCF-7 Breast and HT-29 Colon Cancer Cells. Current Issues in Molecular Biology, 2022, 44, 4930-4949.	1.0	4
2118	Use of Human Lung Tissue Models for Screening of Drugs against SARS-CoV-2 Infection. Viruses, 2022, 14, 2417.	1.5	4
2119	The failure of drug repurposing for COVID-19 as an effect of excessive hypothesis testing and weak mechanistic evidence. History and Philosophy of the Life Sciences, 2022, 44, .	0.6	4
2120	Repurposing existing drugs as a therapeutic approach for the prevention of preterm birth. Reproduction, 2023, 165, R9-R23.	1.1	9
2121	Selective Inhibition of the Periodontal Pathogen <i>Porphyromonas gingivalis</i> by Third-Generation Zafirlukast Derivatives. Journal of Medicinal Chemistry, 2022, 65, 14938-14956.	2.9	2
2122	Role of in vitro two-dimensional (2D) and three-dimensional (3D) cell culture systems for ADME-Tox screening in drug discovery and development: a comprehensive review. ADMET and DMPK, 0, , .	1.1	0
2123	Drug repurposing â€“ A search for novel therapy for the treatment of diabetic neuropathy. Biomedicine and Pharmacotherapy, 2022, 156, 113846.	2.5	4

#	ARTICLE	IF	CITATIONS
2124	Anthraquinones and SARS-CoV-2. , 2023, , 171-184.		0
2125	Semantic Breakthrough in Drug Discovery. Synthesis Lectures on Data, Semantics and Knowledge, 2015, , .	3.9	2
2126	Dâ€™une pandémie lâ€™autre, raretâ€™ artificielle et rente sous brevet de mâ€™dicament. Ã‰conomie Et Institutions, 2022, , .	0.1	0
2127	In silico identification of potential inhibitors of vital monkeypox virus proteins from FDA approved drugs. Molecular Diversity, 2023, 27, 2169-2184.	2.1	17
2128	Targeting Artemisinin-Resistant Malaria by Repurposing the Anti-Hepatitis C Virus Drug Alisporivir. Antimicrobial Agents and Chemotherapy, 2022, 66, .	1.4	4
2129	Regulome-based characterization of drug activity across the human diseasome. Npj Systems Biology and Applications, 2022, 8, .	1.4	4
2130	Targeting SARS-CoV-2 nsp13 Helicase and Assessment of Druggability Pockets: Identification of Two Potent Inhibitors by a Multi-Site In Silico Drug Repurposing Approach. Molecules, 2022, 27, 7522.	1.7	5
2131	Multiple-Molecule Drug Repositioning for Disrupting Progression of SARS-CoV-2 Infection by Utilizing the Systems Biology Method through Host-Pathogen-Interactive Time Profile Data and DNN-Based DTI Model with Drug Design Specifications. Stresses, 2022, 2, 405-436.	1.8	2
2132	A chronicle review of new techniques that facilitate the understanding and development of optimal individualized therapeutic strategies for chordoma. Frontiers in Oncology, 0, 12, .	1.3	2
2133	Protein misfolding and related human diseases: A comprehensive review of toxicity, proteins involved, and current therapeutic strategies. International Journal of Biological Macromolecules, 2022, 223, 143-160.	3.6	12
2135	Optimizing drug discovery: An opportunity and application with reverse translational research. Health Sciences Review, 2023, 6, 100074.	0.6	0
2136	Potential target identification for osteosarcoma treatment: Gene expression re-analysis and drug repurposing. Gene, 2023, 856, 147106.	1.0	0
2137	HCDT: an integrated highly confident drugâ€™target resource. Database: the Journal of Biological Databases and Curation, 2022, 2022, .	1.4	2
2139	â€™Nutrient-Repositioningâ€™ Unexpected Amino Acid Functionsâ€™. Journal of Nutritional Science and Vitaminology, 2022, 68, S134-S136.	0.2	1
2140	Drug Repurposing Approaches towards Defeating Multidrug-Resistant Gram-Negative Pathogens: Novel Polymyxin/Non-Antibiotic Combinations. Pathogens, 2022, 11, 1420.	1.2	7
2141	ES-Screen: A Novel Electrostatics-Driven Method for Drug Discovery Virtual Screening. International Journal of Molecular Sciences, 2022, 23, 14830.	1.8	0
2142	A Class of Disulfide Compounds Suppresses Ferroptosis by Stabilizing GPX4. ACS Chemical Biology, 2022, 17, 3389-3406.	1.6	6
2143	Metformin: A Small Molecule with Multi-Targets and Diverse Therapeutic Applications. , 0, , .		1

#	ARTICLE	IF	CITATIONS
2144	Mannosylated Gold Nanoclusters Incorporated with a Repurposed Antihistamine Drug Promethazine for Antibacterial and Antibiofilm Applications. <i>ACS Applied Bio Materials</i> , 2022, 5, 5911-5923.	2.3	3
2145	Integrated genomic analysis to identify druggable targets for pancreatic cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
2146	Combating planktonic and biofilm growth of <i>Serratia marcescens</i> by repurposing ebselen. <i>International Microbiology</i> , 2023, 26, 693-704.	1.1	1
2147	Novel antimicrobial agents targeting the <i>Streptococcus mutans</i> biofilms discovery through computer technology. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	2
2149	A weighted non-negative matrix factorization approach to predict potential associations between drug and disease. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	2
2150	COVID-19 Drug Development: Role of Drug Repurposing. , 0, , .		0
2151	Structural Parameters of the Interaction between Ciprofloxacin and Human Topoisomerase-II β Enzyme: Toward New 19F NMR Chemical Shift Probes. <i>Magnetochemistry</i> , 2022, 8, 181.	1.0	0
2152	Rational combinations of targeted cancer therapies: background, advances and challenges. <i>Nature Reviews Drug Discovery</i> , 2023, 22, 213-234.	21.5	69
2153	Methotrexate inhibition of SARS-CoV-2 entry, infection and inflammation revealed by bioinformatics approach and a hamster model. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
2154	High-throughput functional assay in cystic fibrosis patient-derived organoids allows drug repurposing. <i>ERJ Open Research</i> , 2023, 9, 00495-2022.	1.1	7
2155	Inferencing Bulk Tumor and Single-Cell Multi-Omics Regulatory Networks for Discovery of Biomarkers and Therapeutic Targets. <i>Cells</i> , 2023, 12, 101.	1.8	0
2156	Acetylsalicylic Acid "Primum Inter Pares in Pharmacology. <i>Molecules</i> , 2022, 27, 8412.	1.7	6
2157	Towards Effective Consensus Scoring in Structure-Based Virtual Screening. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 0, , .	2.2	2
2158	Micelle-like Nanoassemblies of Short Peptides Create Antimicrobial Selectivity in a Conventional Antifungal Drug. <i>ACS Applied Nano Materials</i> , 2023, 6, 1432-1440.	2.4	3
2159	DRONet: effectiveness-driven drug repositioning framework using network embedding and ranking learning. <i>Briefings in Bioinformatics</i> , 0, , .	3.2	0
2160	Drug Repurposing: a Shortcut to New Biological Entities. <i>Pharmaceutical Chemistry Journal</i> , 2022, 56, 1203-1214.	0.3	2
2161	Reversal of spatial memory impairment by phosphodiesterase 3 inhibitor cilostazol is associated with reduced neuroinflammation and increased cerebral glucose uptake in aged male mice. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
2162	Drug repositioning based on heterogeneous networks and variational graph autoencoders. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2

#	ARTICLE	IF	CITATIONS
2163	<i>In vitro</i> and <i>in silico</i> analysis of imatinib analogues as anti- <i>Trypanosoma cruzi</i> drug candidates. <i>Parasitology</i> , 2023, 150, 359-364.	0.7	1
2164	Prediction of Drug-Disease Relationship on Heterogeneous Networks Based on Graph Convolution. <i>Lecture Notes in Computer Science</i> , 2022, , 243-254.	1.0	1
2166	Drug repurposing screening validated by experimental assays identifies two clinical drugs targeting SARS-CoV-2 main protease. <i>Frontiers in Drug Discovery</i> , 0, 2, .	1.1	1
2167	Combating Lassa Fever in West African Sub-Region: Progress, Challenges, and Future Perspectives. <i>Viruses</i> , 2023, 15, 146.	1.5	8
2168	Data-driven drug discovery for drug repurposing. <i>Folia Pharmacologica Japonica</i> , 2023, 158, 10-14.	0.1	0
2169	Mammarenavirus Genetic Diversity and Its Biological Implications. <i>Current Topics in Microbiology and Immunology</i> , 2023, , 265-303.	0.7	0
2170	Identification of LRRK2 Inhibitors through Computational Drug Repurposing. <i>ACS Chemical Neuroscience</i> , 2023, 14, 481-493.	1.7	6
2171	New "drugs and targets" in the GWAS era of bipolar disorder. <i>Bipolar Disorders</i> , 2023, 25, 410-421.	1.1	2
2172	Blockade of NMT1 enzymatic activity inhibits N-myristoylation of VILIP3 protein and suppresses liver cancer progression. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	6
2173	Identifying Potential Molecular Targets in Fungi Based on (Dis)Similarities in Binding Site Architecture with Proteins of the Human Pharmacome. <i>Molecules</i> , 2023, 28, 692.	1.7	0
2174	Emerging Perspectives on the Antiparasitic Mebendazole as a Repurposed Drug for the Treatment of Brain Cancers. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1334.	1.8	17
2175	Drug Repurposing in Non-Small Cell Lung Carcinoma: Old Solutions for New Problems. <i>Current Oncology</i> , 2023, 30, 704-719.	0.9	12
2176	Editorial: Investigating drugs used off-label in various cancers. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	0
2177	The Quest for Secondary Pharmaceuticals: Drug Repurposing/Chiral-Switches Combination Strategy. <i>ACS Pharmacology and Translational Science</i> , 2023, 6, 201-219.	2.5	8
2178	Repurposing Antidepressants and Phenothiazine Antipsychotics as Efflux Pump Inhibitors in Cancer and Infectious Diseases. <i>Antibiotics</i> , 2023, 12, 137.	1.5	7
2179	Screening and identification of potential hub genes and immune cell infiltration in the synovial tissue of rheumatoid arthritis by bioinformatic approach. <i>Heliyon</i> , 2023, 9, e12799.	1.4	3
2180	Multilevel Pharmacological Effects of Antipsychotics in Potential Glioblastoma Treatment. <i>Current Topics in Medicinal Chemistry</i> , 2023, 23, .	1.0	0
2181	Repurposing of Drugs for Cardiometabolic Disorders: An Out and Out Cumulation. <i>Hormone and Metabolic Research</i> , 2023, 55, 7-24.	0.7	1

#	ARTICLE	IF	CITATIONS
2182	Fortified anti-proliferative activity of niclosamide for breast cancer treatment: In-vitro and in-vivo assessment. <i>Life Sciences</i> , 2023, , 121379.	2.0	0
2183	Curcumin Has Beneficial Effects on Lysosomal Alpha-Galactosidase: Potential Implications for the Cure of Fabry Disease. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1095.	1.8	6
2184	In Silico Drug Repurposing: An Effective Tool to Accelerate the Drug Discovery Process. , 0, , .		0
2185	Repurposing Over-the-Counter Drugs and an Iron-Chelator as Antibacterial Agents. <i>Biosciences, Biotechnology Research Asia</i> , 2022, 19, 1051-1063.	0.2	0
2186	A Novel Drug Repositioning Model Based on Heterogeneous Graph Convolutional Network via Multi-task Learning. , 2022, , .		1
2187	Repurposed Drugs in Gastric Cancer. <i>Molecules</i> , 2023, 28, 319.	1.7	1
2188	Machine Learning for Predicting Organ Toxicity. <i>Computational Methods in Engineering & the Sciences</i> , 2023, , 519-537.	0.3	1
2189	Artificial Intelligence and Machine Learning Technology Driven Modern Drug Discovery and Development. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2026.	1.8	30
2190	Discovery and Mechanistic Analysis of Structurally Diverse Inhibitors of Acetyltransferase Eis among FDA-Approved Drugs. <i>Biochemistry</i> , 2023, 62, 710-721.	1.2	3
2191	FastDTI: Drug-Target Interaction Prediction using Multimodality and Transformers. <i>Proceedings of the Northern Lights Deep Learning Workshop</i> , 0, 4, .	0.0	3
2192	DeepMPF: deep learning framework for predicting drug–target interactions based on multi-modal representation with meta-path semantic analysis. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	9
2193	Drug Repurposing: An Advance Way to Traditional Drug Discovery. , 2023, , 1-25.		0
2194	Drug Polypharmacology Toward Drug Repurposing. , 2023, , 27-36.		0
2195	Current and Future Nano-Carrier-Based Approaches in the Treatment of Alzheimer’s Disease. <i>Brain Sciences</i> , 2023, 13, 213.	1.1	4
2196	Drug Repurposing for Hematological Malignancies. , 2023, , 217-252.		0
2197	Repurposing some of the Well-known Non-steroid Anti-inflammatory Drugs (NSAIDs) for Cancer Treatment. <i>Current Topics in Medicinal Chemistry</i> , 2023, 23, 1171-1195.	1.0	3
2198	Computational Techniques for Drug Repurposing: A Paradigm Shift in Drug Discovery. <i>Current Drug Therapy</i> , 2023, 18, .	0.2	0
2199	Drug Repurposing in Gastric Cancer: Current Status and Future Perspectives. , 2023, , 281-320.		0

#	ARTICLE	IF	CITATIONS
2200	DTiGNN: Learning drug-target embedding from a heterogeneous biological network based on a two-level attention-based graph neural network. <i>Mathematical Biosciences and Engineering</i> , 2023, 20, 9530-9571.	1.0	1
2201	Drug discovery: Standing on the shoulders of giants. , 2023, , 207-338.		0
2202	Self-supervised Learning for Label Sparsity in Computational Drug Repositioning. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2023, , 1-12.	1.9	1
2203	An AI-guided screen identifies probucol as an enhancer of mitophagy through modulation of lipid droplets. <i>PLoS Biology</i> , 2023, 21, e3001977.	2.6	6
2204	ROCK inhibitor: Focus on recent updates. <i>Chinese Chemical Letters</i> , 2023, 34, 108336.	4.8	1
2205	Valproate and lithium: Old drugs for new pharmacological approaches in brain tumors?. <i>Cancer Letters</i> , 2023, 560, 216125.	3.2	4
2206	Repositioning of Benzodiazepine Drugs and Synergistic Effect with Ciprofloxacin Against ESKAPE Pathogens. <i>Current Microbiology</i> , 2023, 80, .	1.0	0
2208	Docking and Molecular Dynamics Simulation Revealed the Potential Inhibitory Activity of Amygdalin in Triple-Negative Breast Cancer Therapeutics Targeting the BRCT Domain of BARD1 Receptor. <i>Molecular Biotechnology</i> , 0, , .	1.3	3
2209	Identification of Promising Drug Candidates against Prostate Cancer through Computationally-Driven Drug Repurposing. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3135.	1.8	2
2210	Identification of potential novel inhibitors against glutamine synthetase enzyme of <i>Leishmania major</i> by using computational tools. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 13914-13922.	2.0	2
2211	Drug Repurposing Opportunities in Cancer. , 2023, , 53-87.		0
2212	In vitro and in vivo synergistic effects of hydroxychloroquine and itraconazole on <i>Cryptococcus neoformans</i> . <i>Folia Microbiologica</i> , 2023, 68, 595-605.	1.1	3
2213	Computational drug repurposing by exploiting large-scale gene expression data: Strategy, methods and applications. <i>Computers in Biology and Medicine</i> , 2023, 155, 106671.	3.9	5
2214	Use of repurposed drugs in COVID-19 pandemic: Old drugs without new tricks?. <i>Journal of Public Health and Primary Care</i> , 2023, 4, 4.	0.1	0
2215	Ivermectin systemic availability in adult volunteers treated with different oral pharmaceutical formulations. <i>Biomedicine and Pharmacotherapy</i> , 2023, 160, 114391.	2.5	3
2216	Hydrogel-Based Pre-Clinical Evaluation of Repurposed FDA-Approved Drugs for AML. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4235.	1.8	6
2217	Network Learning for Biomarker Discovery. , 0, , 51-65.		5
2218	Lessons Learnt from COVID-19: Computational Strategies for Facing Present and Future Pandemics. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4401.	1.8	4

#	ARTICLE	IF	CITATIONS
2219	Drug Repositioning Based on a Multiplex Network by Integrating Disease, Gene, and Drug Information. <i>Current Bioinformatics</i> , 2023, 18, .	0.7	0
2220	Drug repurposing and molecular mechanisms of the antihypertensive drug candesartan as a TMEM16A channel inhibitor. <i>International Journal of Biological Macromolecules</i> , 2023, 235, 123839.	3.6	0
2221	A trial of topiramate for patients with hereditary spinocerebellar ataxia. <i>Clinical Case Reports (discontinued)</i> , 2023, 11, .	0.2	0
2222	Enzyme Replacement Therapy for FABRY Disease: Possible Strategies to Improve Its Efficacy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4548.	1.8	7
2223	Editorial: Development/repurposing of drugs to tackle the multiple variants of SARS-CoV-2. <i>Frontiers in Drug Discovery</i> , 0, 3, .	1.1	1
2224	Progress and Understandings in the Pharmacological Repositioning Scenario. <i>European Journal of Medical and Health Sciences</i> , 2023, 5, 28-31.	0.1	0
2225	Structural Dynamics-Driven Discovery of Anticancer and Antimetastatic Effects of Diltiazem and Glibenclamide Targeting Urokinase Receptor. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 5415-5426.	2.9	2
2226	Spiramycin Disarms <i>Pseudomonas aeruginosa</i> without Inhibiting Growth. <i>Antibiotics</i> , 2023, 12, 499.	1.5	3
2227	On the potential of drug repurposing in dysphagia treatment: New insights from a real-world pharmacovigilance study and a systematic review. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	0
2228	Drug Repurposing During The COVID-19 Pandemic: Lessons For Expediting Drug Development And Access. <i>Health Affairs</i> , 2023, 42, 424-432.	2.5	2
2229	Ethical challenges of clinical trials with a repurposed drug in outbreaks. <i>Medicine, Health Care and Philosophy</i> , 0, , .	0.9	0
2230	Does Therapeutic Repurposing in Cancer Meet the Expectations of Having Drugs at a Lower Price?. <i>Clinical Drug Investigation</i> , 2023, 43, 227-239.	1.1	2
2231	Design, synthesis, anticancer evaluation, <i>in silico</i> docking and ADMET analysis of novel indole-based thalidomide analogs as promising immunomodulatory agents. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 15106-15123.	2.0	7
2232	Therapeutic potential of salicylamide derivatives for combating viral infections. <i>Medicinal Research Reviews</i> , 2023, 43, 897-931.	5.0	2
2233	Expanding the pipeline for multipurpose prevention technologies: compounds with potential activity to prevent or treat HIV and other STIs. <i>Sexually Transmitted Infections</i> , 0, , sextrans-2022-055647.	0.8	1
2234	Improved and optimized drug repurposing for the SARS-CoV-2 pandemic. <i>PLoS ONE</i> , 2023, 18, e0266572.	1.1	0
2235	Dipyridamole enhances the anti-cancer ability of aspirin against colorectal cancer by inducing apoptosis in an unfolded protein response-dependent manner. <i>Cellular Oncology (Dordrecht)</i> , 0, , .	2.1	0
2236	Identification of potential molecular mechanisms and candidate drugs for radiotherapy- and chemotherapy-induced mucositis. <i>Supportive Care in Cancer</i> , 2023, 31, .	1.0	1

#	ARTICLE	IF	CITATIONS
2237	Host Cell Targets for Unconventional Antivirals against RNA Viruses. <i>Viruses</i> , 2023, 15, 776.	1.5	7
2238	Pharmacological Chaperones and Protein Conformational Diseases: Approaches of Computational Structural Biology. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5819.	1.8	3
2239	Anti-cell Proliferative Mechanism of Doxazosin on Human Oral Cancer Cells Through the Modulation of Antioxidant and Apoptotic Pathway. <i>Applied Biochemistry and Biotechnology</i> , 0, , .	1.4	2
2240	Drug repurposing for viral cancers: A paradigm of machine learning, deep learning, and virtual screening-based approaches. <i>Journal of Medical Virology</i> , 2023, 95, .	2.5	13
2241	Impact of Machine and Deep Learning in Drug Repurposing. , 2022, , .		0
2242	In Vitro three-dimensional (3D) cell culture tools for spheroid and organoid models. <i>SLAS Discovery</i> , 2023, 28, 119-137.	1.4	12
2243	Role of Drug Repurposing in Sustainable Drug Discovery. , 0, , .		0
2244	A Systematic Review of Molecular Pathway Analysis of Drugs for Potential Use in Liver Cancer Treatment. , 2023, 2, 210-231.		0
2245	General considerations on artificial intelligence. , 2023, , 9-34.		0
2246	Convergence of artificial intelligence and nanotechnology in the development of novel formulations for cancer treatment. , 2023, , 499-529.		0
2247	Repurposing antidiabetic drugs for rheumatoid arthritis: results from a two-sample Mendelian randomization study. <i>European Journal of Epidemiology</i> , 2023, 38, 809-819.	2.5	6
2248	Identification of small molecule inhibitors against MMP-14 via High-Throughput screening. <i>Bioorganic and Medicinal Chemistry</i> , 2023, 85, 117289.	1.4	3
2250	Immunomodulatory, apoptotic and anti-proliferative potentials of sildenafil in Ehrlich ascites carcinoma murine model: In vivo and in silico insights. <i>International Immunopharmacology</i> , 2023, 119, 110135.	1.7	2
2251	Knowledge Mapping of Drug Repositioning's Theme and Development. <i>Drug Design, Development and Therapy</i> , 0, Volume 17, 1157-1174.	2.0	1
2252	Targeting the Viral Entry Pathways through Repurposed Drugs in Sars-Cov-2 Infection. , 2023, , 72-99.		0
2253	Disruption of Irisin Dimerization by FDA-Approved Drugs: A Computational Repurposing Approach for the Potential Treatment of Lipodystrophy Syndromes. <i>International Journal of Molecular Sciences</i> , 2023, 24, 7578.	1.8	2
2254	Repurposed Drugs/Potential Pharmacological Agents Targeting Cytokine Release and Induction of Coagulation in COVID-19. , 2023, , 100-136.		0
2255	Principles of computational drug designing and drug repurposing—An algorithmic approach. , 2023, , 129-146.		0

#	ARTICLE	IF	CITATIONS
2256	Strategies for drug repurposing. , 2023, , 117-128.		0
2257	Drug discovery and repositioning for glioblastoma multiforme and low-grade astrocytic tumors. , 2023, , 147-200.		1
2258	Old drugs and new opportunitiesâ€”Drug repurposing in colon cancer prevention. , 2023, , 223-235.		0
2259	DrugormerDTI: Drug Graphormer for drugâ€”target interaction prediction. Computers in Biology and Medicine, 2023, 161, 106946.	3.9	3
2266	Graph Convolutional Neural Networks for Drug Target Affinity Prediction in U-Shaped and Skip-Connection Architectures. Smart Innovation, Systems and Technologies, 2023, , 271-283.	0.5	0
2267	In Silico Pharmacology and Drug Repurposing Approaches. , 2023, , 253-281.		0
2270	A Survey of Recent Techniques in Computational Drug Repurposing. Lecture Notes in Networks and Systems, 2023, , 565-575.	0.5	0
2271	Free tools and databases in ligand and structure-based drug design. , 2023, , 701-727.		1
2275	Nonhypothesis-Driven Research: Data Mining and Knowledge Discovery. Computers in Health Care, 2023, , 413-432.	0.2	0
2283	Editorial: Adopting drug repurposing to overcome drug resistance in cancer. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	0
2287	Potential Repurposed Drug Candidates for Tuberculosis Treatment: Progress and Update of Drugs Identified in Over a Decade. ACS Omega, 2023, 8, 17362-17380.	1.6	6
2298	Targeted Computational Approaches to Identify Potential Inhibitors for Nipah Virus. Challenges and Advances in Computational Chemistry and Physics, 2023, , 137-156.	0.6	0
2301	The nucleolus of Giardia and its ribosomal biogenesis. Parasitology Research, 2023, 122, 1961-1971.	0.6	3
2306	Drug repurposing and new drug targets: perspectives for novel treatment options in mental health disorders. Journal of Neural Transmission, 2023, 130, 987-988.	1.4	0
2312	DPLink: Link Prediction Method Based on Local Structure of Drug-Protein Network. Lecture Notes in Electrical Engineering, 2023, , 604-611.	0.3	0
2316	Artificial neural networkâ€”based inference of drugâ€”target interactions. , 2023, , 35-62.		0
2318	NIEE: Modeling Edge Embeddings for Drug-Disease Association Prediction via Neighborhood Interactions. Lecture Notes in Computer Science, 2023, , 687-699.	1.0	0
2319	A Novel Graph Representation Learning Model for Drug Repositioning Using Graph Transition Probability Matrix Over Heterogenous Information Networks. Lecture Notes in Computer Science, 2023, , 180-191.	1.0	0

#	ARTICLE	IF	CITATIONS
2321	Diarylpyrimidines and related analogs as antiviral agents. , 2023, , 513-542.		0
2335	Chemoresistance Mechanisms in Non-Small Cell Lung Cancer – Opportunities for Drug Repurposing. Applied Biochemistry and Biotechnology, 0, , .	1.4	0
2341	Innovative Strategies in Drug Discovery and Pharmacoinformatics. , 2023, , 145-192.		0
2347	Case Study: Natural Language Processing (NLP) with Open Data for Drug Repositioning in Glioblastoma Therapy. , 2023, , .		0
2356	Computational and Informatics Methodologies in Drug Discovery, with Focus on Natural Products. , 2023, , 1-22.		0
2371	Multidisciplinary approaches for enzyme biocatalysis in pharmaceuticals: protein engineering, computational biology, and nanoarchitectonics. , 0, , .		0
2407	Multifunctional nanoparticle-mediated combining therapy for human diseases. Signal Transduction and Targeted Therapy, 2024, 9, .	7.1	2
2410	Computational chemistry of natural product analogues. , 2024, , 395-437.		0
2420	Effective Drug Repositioning with a Novel Negative Sample Selection Algorithm. , 2023, , .		0
2421	Drug-target and Drug-disease Association Prediction based on Drug-target-disease Network and Multi-task Learning. , 2023, , .		0
2438	Introduction to Drug Development. , 2024, , 3-7.		0
2448	Antibiofilm Metabolites from Sponge-Derived Aspergillus, Penicillium, and Fusarium for the Antibiotic Pipeline. , 2024, , 161-205.		0
2459	Novel strategies for drug repurposing. Progress in Molecular Biology and Translational Science, 2024, , .	0.9	0