

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50 papers	8,620 citations	26 h-index	56 g-index
56 ext. papers	11,286 ext. citations	16.3 avg, IF	5.62 L-index

#	Paper	IF	Citations
50	ChEMBL: a large-scale bioactivity database for drug discovery. <i>Nucleic Acids Research</i> , 2012 , 40, D1100-7	20.1	2257
49	The ChEMBL database in 2017. <i>Nucleic Acids Research</i> , 2017 , 45, D945-D954	20.1	1059
48	The ChEMBL bioactivity database: an update. <i>Nucleic Acids Research</i> , 2014 , 42, D1083-90	20.1	1052
47	A comprehensive map of molecular drug targets. <i>Nature Reviews Drug Discovery</i> , 2017 , 16, 19-34	64.1	1032
46	ChEMBL: towards direct deposition of bioassay data. <i>Nucleic Acids Research</i> , 2019 , 47, D930-D940	20.1	453
45	The Global Phosphorylation Landscape of SARS-CoV-2 Infection. <i>Cell</i> , 2020 , 182, 685-712.e19	56.2	439
44	Open Targets: a platform for therapeutic target identification and validation. <i>Nucleic Acids Research</i> , 2017 , 45, D985-D994	20.1	241
43	PSICQUIC and PSISCORE: accessing and scoring molecular interactions. <i>Nature Methods</i> , 2011 , 8, 528-9	21.6	227
42	ChEMBL web services: streamlining access to drug discovery data and utilities. <i>Nucleic Acids Research</i> , 2015 , 43, W612-20	20.1	215
41	The druggable genome and support for target identification and validation in drug development. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	212
40	The EBI RDF platform: linked open data for the life sciences. <i>Bioinformatics</i> , 2014 , 30, 1338-9	7.2	160
39	Unexplored therapeutic opportunities in the human genome. <i>Nature Reviews Drug Discovery</i> , 2018 , 17, 317-332	64.1	156
38	Pharos: Collating protein information to shed light on the druggable genome. <i>Nucleic Acids Research</i> , 2017 , 45, D995-D1002	20.1	146
37	SureChEMBL: a large-scale, chemically annotated patent document database. <i>Nucleic Acids Research</i> , 2016 , 44, D1220-8	20.1	102
36	UniChem: a unified chemical structure cross-referencing and identifier tracking system. <i>Journal of Cheminformatics</i> , 2013 , 5, 3	8.6	90
35	Activity, assay and target data curation and quality in the ChEMBL database. <i>Journal of Computer-Aided Molecular Design</i> , 2015 , 29, 885-96	4.2	79
34	Minimum information about a bioactive entity (MIABE). <i>Nature Reviews Drug Discovery</i> , 2011 , 10, 661-9	64.1	69

33	The complex portal--an encyclopaedia of macromolecular complexes. <i>Nucleic Acids Research</i> , 2015 , 43, D479-84	20.1	68
32	Chemical, target, and bioactive properties of allosteric modulation. <i>PLoS Computational Biology</i> , 2014 , 10, e1003559	5	63
31	Improving the odds of drug development success through human genomics: modelling study. <i>Scientific Reports</i> , 2019 , 9, 18911	4.9	54
30	Large scale comparison of QSAR and conformal prediction methods and their applications in drug discovery. <i>Journal of Cheminformatics</i> , 2019 , 11, 4	8.6	53
29	Visualizing the drug target landscape. <i>Drug Discovery Today</i> , 2010 , 15, 3-15	8.8	45
28	An open source chemical structure curation pipeline using RDKit. <i>Journal of Cheminformatics</i> , 2020 , 12, 51	8.6	40
27	Bioinformatics approaches for the classification of G-protein-coupled receptors. <i>Current Opinion in Pharmacology</i> , 2003 , 3, 114-20	5.1	35
26	Chemical databases: curation or integration by user-defined equivalence?. <i>Drug Discovery Today: Technologies</i> , 2015 , 14, 17-24	7.1	32
25	Collation and data-mining of literature bioactivity data for drug discovery. <i>Biochemical Society Transactions</i> , 2011 , 39, 1365-70	5.1	27
24	UniChem: extension of InChI-based compound mapping to salt, connectivity and stereochemistry layers. <i>Journal of Cheminformatics</i> , 2014 , 6, 43	8.6	25
23	A drug target slim: using gene ontology and gene ontology annotations to navigate protein-ligand target space in ChEMBL. <i>Journal of Biomedical Semantics</i> , 2016 , 7, 59	2.2	21
22	Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19. <i>Nature Medicine</i> , 2021 , 27, 668-676	50.5	19
21	Managing expectations: assessment of chemistry databases generated by automated extraction of chemical structures from patents. <i>Journal of Cheminformatics</i> , 2015 , 7, 49	8.6	14
20	Drug target central. <i>Expert Opinion on Drug Discovery</i> , 2009 , 4, 857-72	6.2	13
19	A large-scale crop protection bioassay data set. <i>Scientific Data</i> , 2015 , 2, 150032	8.2	12
18	Scientific Lenses to Support Multiple Views over Linked Chemistry Data. <i>Lecture Notes in Computer Science</i> , 2014 , 98-113	0.9	12
17	Using ChEMBL web services for building applications and data processing workflows relevant to drug discovery. <i>Expert Opinion on Drug Discovery</i> , 2017 , 12, 757-767	6.2	12
16	Functional assignment of MAPK phosphatase domains. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007 , 69, 19-31	4.2	10

15	Motif3D: Relating protein sequence motifs to 3D structure. <i>Nucleic Acids Research</i> , 2003 , 31, 3333-6	20.1	10
14	Target-Based Evaluation of "Drug-Like" Properties and Ligand Efficiencies. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 7210-7230	8.3	9
13	PPDMs-a resource for mapping small molecule bioactivities from ChEMBL to Pfam-A protein domains. <i>Bioinformatics</i> , 2015 , 31, 776-8	7.2	8
12	Transporter taxonomy - a comparison of different transport protein classification schemes. <i>Drug Discovery Today: Technologies</i> , 2014 , 12, e37-46	7.1	6
11	A large-scale dataset of in vivo pharmacology assay results. <i>Scientific Data</i> , 2018 , 5, 180230	8.2	6
10	Transporter assays and assay ontologies: useful tools for drug discovery. <i>Drug Discovery Today: Technologies</i> , 2014 , 12, e47-54	7.1	4
9	The Molecular Basis of Predicting Druggability1315-1334		3
8	Drug Safety Data Curation and Modeling in ChEMBL: Boxed Warnings and Withdrawn Drugs. <i>Chemical Research in Toxicology</i> , 2021 , 34, 385-395	4	3
7	Insights into Transporter Classifications: an Outline of Transporters as Drug Targets. <i>Methods and Principles in Medicinal Chemistry</i> , 2017 , 1-20	0.4	2
6	Reply to "Missed opportunities in large scale comparison of QSAR and conformal prediction methods and their applications in drug discovery". <i>Journal of Cheminformatics</i> , 2019 , 11, 64	8.6	2
5	Validation of lipid-related therapeutic targets for coronary heart disease prevention using human genetics. <i>Nature Communications</i> , 2021 , 12, 6120	17.4	2
4	The PRINTS protein fingerprint database: functional and evolutionary applications 2005 ,		1
3	Validation of lipid-related therapeutic targets for coronary heart disease prevention using human genetics		1
2	Actionable druggable genome-wide Mendelian randomization identifies repurposing opportunities for COVID-19		1
1	Shouldn't enantiomeric purity be included in the minimum information about a bioactive entity? Response from the MIABE group. <i>Nature Reviews Drug Discovery</i> , 2012 , 11, 730-730	64.1	