Zia-Ur-Rehman Tanoli

List of Publications by Year
in descending order

20 papers	1,153 citations	687363 13 h-index	752698 20 g-index
26 all docs	26 docs citations	26 times ranked	1294 citing authors

#	Article	IF	Citations
1	Community assessment to advance computational prediction of cancer drug combinations in a pharmacogenomic screen. Nature Communications, 2019, 10, 2674.	12.8	240
2	SynergyFinder Plus: Toward Better Interpretation and Annotation of Drug Combination Screening Datasets. Genomics, Proteomics and Bioinformatics, 2022, 20, 587-596.	6.9	159
3	DrugComb: an integrative cancer drug combination data portal. Nucleic Acids Research, 2019, 47, W43-W51.	14.5	153
4	Drug Target Commons: A Community Effort to Build a Consensus Knowledge Base for Drug-Target Interactions. Cell Chemical Biology, 2018, 25, 224-229.e2.	5.2	124
5	Identifying GPCRs and their Types with Chou's Pseudo Amino Acid Composition: An Approach from Multi-scale Energy Representation and Position Specific Scoring Matrix. Protein and Peptide Letters, 2012, 19, 890-903.	0.9	83
6	Artificial intelligence, machine learning, and drug repurposing in cancer. Expert Opinion on Drug Discovery, 2021, 16, 977-989.	5.0	68
7	Exploration of databases and methods supporting drug repurposing: a comprehensive survey. Briefings in Bioinformatics, 2021, 22, 1656-1678.	6.5	66
8	Crowdsourced mapping of unexplored target space of kinase inhibitors. Nature Communications, 2021, 12, 3307.	12.8	41
9	Drug Target Commons 2.0: a community platform for systematic analysis of drugâ€“target interaction profiles. Database: the Journal of Biological Databases and Curation, 2018, 2018, 1-13.	3.0	36
10	A community challenge for a pancancer drug mechanism of action inference from perturbational profile data. Cell Reports Medicine, 2022, 3, 100492.	6.5	33
11	Interactive visual analysis of drugâ€“target interaction networks using Drug Target Profiler, with applications to precision medicine and drug repurposing. Briefings in Bioinformatics, 2018, , .	6.5	25
12	G-protein-coupled receptor prediction using pseudo-amino-acid composition and multiscale energy representation of different physiochemical properties. Analytical Biochemistry, 2011, 412, 173-182.	2.4	23
13	Predicting G-Protein-Coupled Receptors Families Using Different Physiochemical Properties and Pseudo Amino Acid Composition. Methods in Enzymology, 2013, 522, 61-79.	1.0	15
14	Prediction of GPCRs with Pseudo Amino Acid Composition: Employing Composite Features and Grey Incidence Degree Based Classification. Protein and Peptide Letters, 2011, 18, 872-878.	0.9	13
15	Cartography of rhodopsin-like G protein-coupled receptors across vertebrate genomes. Scientific Reports, 2019, 9, 7058.	3.3	9
16	Identification of Celecoxib-Targeted Proteins Using Label-Free Thermal Proteome Profiling on Rat Hippocampus. Molecular Pharmacology, 2021, 99, 308-318.	2.3	9
17	Multiâ€modal metaâ€analysis of cancer cell line omics profiles identifies ECHDC1 as a novel breast tumor suppressor. Molecular Systems Biology, 2021, 17, e9526.	7.2	8
18	Minimal information for chemosensitivity assays (MICHA): a next-generation pipeline to enable the FAIRification of drug screening experiments. Briefings in Bioinformatics, 2022, 23, .	6.5	7

#	Article	IF	Citations
19	MediSyn: uncertainty-aware visualization of multiple biomedical datasets to support drug treatment selection. BMC Bioinformatics, 2017, 18, 393.	2.6	6
20	Using BERT to identify drug-target interactions from whole PubMed. BMC Bioinformatics, 2022, 23, .	2.6	6