Anshu Bhardwaj

List of Publications by Year
in descending order

37 papers	553 citations	687363 13 h-index	677142 22 g-index
44 all docs	44 docs citations	44 times ranked	976 citing authors

#	Article	IF	Citations
1	dPABBs: A Novel in silico Approach for Predicting and Designing Anti-biofilm Peptides. Scientific Reports, 2016, 6, 21839.	3.3	84
2	Specifications of the ACMG/AMP standards and guidelines for mitochondrial DNA variant interpretation. Human Mutation, 2020, 41, 2028-2057.	2.5	84
3	Open source drug discoveryâ€" A new paradigm of collaborative research in tuberculosis drug development. Tuberculosis, 2011, 91, 479-86.	1.9	42
4	BioPhytMol: a drug discovery community resource on anti-mycobacterial phytomolecules and plant extracts. Journal of Cheminformatics, 2014, 6, 46.	6.1	39
5	Crowd Sourcing a New Paradigm for Interactome Driven Drug Target Identification in Mycobacterium tuberculosis. PLoS ONE, 2012, 7, e39808.	2.5	36
6	Structural Annotation of Mycobacterium tuberculosis Proteome. PLoS ONE, 2011, 6, e27044.	2.5	33
7	Systems level mapping of metabolic complexity in Mycobacterium tuberculosis to identify high-value drug targets. Journal of Translational Medicine, 2014, 12, 263.	4.4	32
8	RepTB: a gene ontology based drug repurposing approach for tuberculosis. Journal of Cheminformatics, 2018, 10, 24.	6.1	27
9	Open Source Software and Web Services for Designing Therapeutic Molecules. Current Topics in Medicinal Chemistry, 2013, 13, 1172-1191.	2.1	25
10	MtSNPscore: a combined evidence approach for assessing cumulative impact of mitochondrial variations in disease. BMC Bioinformatics, 2009, 10, S7.	2.6	21
11	Assessing therapeutic potential of molecules: molecular property diagnostic suite for tuberculosis $(\mathbf{MPDS}^{\mathbf{TB}})$ (MPDS TB). Journal of Chemical Sciences, 2017, 129, 515-531.	1.5	20
12	MitoLSDB: A Comprehensive Resource to Study Genotype to Phenotype Correlations in Human Mitochondrial DNA Variations. PLoS ONE, 2013, 8, e60066.	2.5	17
13	TBrowse: An integrative genomics map of Mycobacterium tuberculosis. Tuberculosis, 2009, 89, 386-387.	1.9	15
14	Analysis of the DosR regulon genes to select cytotoxic T lymphocyte epitope specific vaccine candidates using a reverse vaccinology approach. International Journal of Mycobacteriology, 2016, 5, 34-43.	0.6	13
15	Predicting promiscuous antigenic T cell epitopes of Mycobacterium tuberculosis mymA operon proteins binding to MHC Class I and Class II molecules. Infection, Genetics and Evolution, 2016, 44, 182-189.	2.3	10
16	A machine learning-based approach to determine infection status in recipients of BBV152 (Covaxin) whole-virion inactivated SARS-CoV-2 vaccine for serological surveys. Computers in Biology and Medicine, 2022, 146, 105419.	7.0	8
17	FishMap Zv8 Updateâ€"A Genomic Regulatory Map of Zebrafish. Zebrafish, 2010, 7, 179-180.	1.1	7
18	Resources, challenges and way forward in rare mitochondrial diseases research. F1000Research, 2015, 4, 70.	1.6	6

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19	Social networks to biological networks: systems biology of Mycobacterium tuberculosis. Molecular BioSystems, 2013, 9, 1584.	2.9	5
20	Investigating the role of site specific synonymous variation in disease association studies. Mitochondrion, 2014, 16, 83-88.	3.4	5
21	Hybrid Dynamic Pharmacophore Models as Effective Tools to Identify Novel Chemotypes for Anti-TB Inhibitor Design: A Case Study With Mtb-DapB. Frontiers in Chemistry, 2020, 8, 596412.	3.6	4
22	Harnessing the Crowd for Neurology Research. Science Translational Medicine, 2014, 6, .	12.4	4
23	FROG - Fingerprinting Genomic Variation Ontology. PLoS ONE, 2015, 10, e0134693.	2.5	3
24	Data-Driven Systems Level Approaches for Drug Repurposing: Combating Drug Resistance in Priority Pathogens. , 2019, , 229-253.		3
25	MtBrowse: An integrative genomics browser for human mitochondrial DNA. Mitochondrion, 2019, 48, 31-36.	3.4	2
26	Software Platform for Metabolic Network Reconstruction of Mycobacterium tuberculosis. , 2013, , 21-35.		1
27	A molecular patch for DMD. Science Translational Medicine, 2015, 7, .	12.4	1
28	Evaluating the Association of Mitochondrial SNP Haplotypes with Disease Phenotypes using a Novel in silico Tool E-MIDAS. , 2006, , .		0
29	MitoLink: A Generic Integrated Web-based Workflow System to Evaluate Genotype-Phenotype Correlations in Human Mitochondrial Diseases: Observations from The GenomeAsia Pilot Project. Mitochondrion, 2021, 61, 54-61.	3.4	0
30	"Antigenomic" RNA as a Therapeutic Tool for Mitochondrial Diseases. Science Translational Medicine, 2014, 6, .	12.4	0
31	Reactive Species Contribute to Antibiotic-Mediated Killing. Science Translational Medicine, 2014, 6, .	12.4	0
32	Dissecting the Enigma of *Mycobacterium tuberculosis* Pathogenesis. Science Translational Medicine, 2014, 6, .	12.4	0
33	Synthetic Lethality: Drug Repurposing with a Difference. Science Translational Medicine, 2014, 6, .	12.4	0
34	Cholesterol Therapy That's Not Chopped Liver. Science Translational Medicine, 2014, 6, .	12.4	0
35	Ctrl-Alt-Del: Host-Targeting Anti-Angiogenic Agents as Adjunct Therapy for Tuberculosis. Science Translational Medicine, 2014, 6, .	12.4	0
36	Personalized cancer medicines. Science Translational Medicine, 2015, 7, .	12.4	0

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37	Lipid biosynthetic pathways as potential drug targets for emerging mycobacterial pathogens. , 2022, , 27-49.		0