

Devesh Bhimsaria

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.

14
papers

364
citations

9
h-index

16
g-index

16
ext. papers

474
ext. citations

9.2
avg, IF

3.06
L-index

#	Paper	IF	Citations
14	Cooperativity in RNA-protein interactions: global analysis of RNA binding specificity. <i>Cell Reports</i> , 2012 , 1, 570-81	10.6	86
13	Specificity landscapes of DNA binding molecules elucidate biological function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 4544-9	11.5	81
12	Combinatorial bZIP dimers display complex DNA-binding specificity landscapes. <i>ELife</i> , 2017 , 6,	8.9	56
11	Mapping polyamide-DNA interactions in human cells reveals a new design strategy for effective targeting of genomic sites. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10124-8	16.4	30
10	Flexibility and structure of flanking DNA impact transcription factor affinity for its core motif. <i>Nucleic Acids Research</i> , 2018 , 46, 11883-11897	20.1	24
9	Sequence-specificity and energy landscapes of DNA-binding molecules. <i>Methods in Enzymology</i> , 2011 , 497, 3-30	1.7	20
8	Reprogramming cell fate with a genome-scale library of artificial transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E8257-E8266	11.5	20
7	De novo design of programmable inducible promoters. <i>Nucleic Acids Research</i> , 2019 , 47, 10452-10463	20.1	12
6	Synthetic genome readers target clustered binding sites across diverse chromatin states. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7418-E7427	11.5	12
5	Mapping PolyamideDNA Interactions in Human Cells Reveals a New Design Strategy for Effective Targeting of Genomic Sites. <i>Angewandte Chemie</i> , 2014 , 126, 10288-10292	3.6	9
4	Specificity landscapes unmask submaximal binding site preferences of transcription factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10586-E10595	11.5	7
3	APPLICATION OF NEURAL NETWORK WITH ERROR CORRELATION AND TIME EVOLUTION FOR RETRIEVAL OF SOIL MOISTURE AND OTHER VEGETATION VARIABLES. <i>Progress in Electromagnetics Research B</i> , 2009 , 15, 245-465	0.7	5
2	Genome-wide Mapping of Drug-DNA Interactions in Cells with COSMIC (Crosslinking of Small Molecules to Isolate Chromatin). <i>Journal of Visualized Experiments</i> , 2016 , e53510	1.6	1
1	Single position substitution of hairpin pyrrole-imidazole polyamides imparts distinct DNA-binding profiles across the human genome. <i>PLoS ONE</i> , 2020 , 15, e0243905	3.7	1