Devesh Bhimsaria

List of Publications by Year in Descending Order

14	364	9	16
papers	citations	h-index	g-index
16	474	9.2	3.06
ext. papers	ext. citations	avg, IF	L-index

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