Aseem Z Ansari

List of Publications by Year in Descending Order

53 papers	2,713 citations	25 h-index	52 g-index
56 ext. papers	3,032 ext. citations	11.4 avg, IF	4.61 L-index

#	Paper	IF	Citations
53	Fusion proteins form onco-condensates. *Nature Structural and Molecular Biology*, **2021**, 28, 543-545	17.6	2
52	Blocking the Enablers: Selective Inhibition of CDK9 Reins in an Unchecked Master Regulator. *Cell Chemical Biology*, **2021**, 28, 113-115	8.2	
51	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
50	De novo design of programmable inducible promoters. *Nucleic Acids Research*, **2019**, 47, 10452-10463	20.1	12
49	A chemoprobe tracks its target. *Journal of Biological Chemistry*, **2019**, 294, 8323-8324	5.4	0
48	Manipulating Cellular Trafficking Positively Affects Syn-TEF Function in Human Tissue. *FASEB Journal*, **2019**, 33, lb178	0.9	
47	Noncanonical CTD kinases regulate RNA polymerase II in a gene-class-specific manner. *Nature Chemical Biology*, **2019**, 15, 123-131	11.7	15
46	Reprogramming cell fate with artificial transcription factors. *FEBS Letters*, **2018**, 592, 888-900	3.8	10
45	Flexibility and structure of flanking DNA impact transcription factor affinity for its core motif. *Nucleic Acids Research*, **2018**, 46, 11883-11897	20.1	24
44	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
43	Different phosphoisoforms of RNA polymerase II engage the Rtt103 termination factor in a structurally analogous manner. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E3944-E3953	11.5	18
42	Synthetic transcription elongation factors license transcription across repressive chromatin. *Science* , **2017**, 358, 1617-1622	33.3	68
41	Combinatorial bZIP dimers display complex DNA-binding specificity landscapes. *ELife*, **2017**, 6,	8.9	56
40	Sliding on DNA: From Peptides to Small Molecules. *Angewandte Chemie*, **2016**, 128, 15334-15338	3.6	
39	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
38	Sliding on DNA: From Peptides to Small Molecules. *Angewandte Chemie - International Edition*, **2016** , 55, 15110-15114	16.4	5
37	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

36	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
35	Engineered Covalent Inactivation of TFIIH-Kinase Reveals an Elongation Checkpoint and Results in Widespread mRNA Stabilization. *Molecular Cell*, **2016**, 63, 433-44	17.6	47
34	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
33	Controlling gene networks and cell fate with precision-targeted DNA-binding proteins and small-molecule-based genome readers. *Biochemical Journal*, **2014**, 462, 397-413	3.8	16
32	Mapping PolyamideDNA Interactions in Human Cells Reveals a New Design Strategy for Effective Targeting of Genomic Sites. *Angewandte Chemie*, **2014**, 126, 10288-10292	3.6	9
31	Pathway connectivity and signaling coordination in the yeast stress-activated signaling network. *Molecular Systems Biology*, **2014**, 10, 759	12.2	64
30	Cooperativity in RNA-protein interactions: global analysis of RNA binding specificity. *Cell Reports*, **2012**, 1, 570-81	10.6	86
29	Interactions of Sen1, Nrd1, and Nab3 with multiple phosphorylated forms of the Rpb1 C-terminal domain in Saccharomyces cerevisiae. *Eukaryotic Cell*, **2012**, 11, 417-29		37
28	Ssu72 phosphatase-dependent erasure of phospho-Ser7 marks on the RNA polymerase II C-terminal domain is essential for viability and transcription termination. *Journal of Biological Chemistry*, **2012**, 287, 8541-51	5.4	81
27	Emerging Views on the CTD Code. *Genetics Research International*, **2012**, 2012, 347214	0	39
26	A partner evokes latent differences between Hox proteins. *Cell*, **2011**, 147, 1220-1	56.2	8
25	Sequence-specificity and energy landscapes of DNA-binding molecules. *Methods in Enzymology*, **2011**, 497, 3-30	1.7	20
24	Chemical-genomic dissection of the CTD code. *Nature Structural and Molecular Biology*, **2010**, 17, 1154-61	17.6	119
23	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
22	Chemical-genomic dissection of the CTD code. *FASEB Journal*, **2010**, 24, 831.1	0.9	
21	Riboactivators: transcription activation by noncoding RNA. *Critical Reviews in Biochemistry and Molecular Biology*, **2009**, 44, 50-61	8.7	7
20	CSI-FID: high throughput label-free detection of DNA binding molecules. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 3779-82	2.9	21
19	TFIIH kinase places bivalent marks on the carboxy-terminal domain of RNA polymerase II. *Molecular Cell*, **2009**, 34, 387-93	17.6	210

18	A library of yeast transcription factor motifs reveals a widespread function for Rsc3 in targeting nucleosome exclusion at promoters. *Molecular Cell*, **2008**, 32, 878-87	17.6	346
17	Expanding the specificity of DNA targeting by harnessing cooperative assembly. *Biochimie*, **2008**, 90, 1015-25	4.6	23
16	Targeted chemical wedges reveal the role of allosteric DNA modulation in protein-DNA assembly. *ACS Chemical Biology*, **2008**, 3, 220-9	4.9	41
15	CSI-Tree: a regression tree approach for modeling binding properties of DNA-binding molecules based on cognate site identification (CSI) data. *Nucleic Acids Research*, **2008**, 36, 3171-84	20.1	12
14	Engineering small molecules that nucleate assembly of protein complexes. *FASEB Journal*, **2008**, 22, 4112	0.9	
13	Quantitative microarray profiling of DNA-binding molecules. *Journal of the American Chemical Society*, **2007**, 129, 12310-9	16.4	61
12	A TAD further: exogenous control of gene activation. *ACS Chemical Biology*, **2007**, 2, 62-75	4.9	59
11	Chemical crosshairs on the central dogma **2007**, 3, 2-7		8
10	Chemical inhibition of the TFIIH-associated kinase Cdk7/Kin28 does not impair global mRNA synthesis. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 5812-7	11.5	90
9	Defining the sequence-recognition profile of DNA-binding molecules. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 867-72	11.5	195
8	Genome-wide distribution of yeast RNA polymerase II and its control by Sen1 helicase. *Molecular Cell*, **2006**, 24, 735-746	17.6	246
7	Transcriptional activating regions target attached substrates to a cyclin-dependent kinase. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 2346-9	11.5	14
6	Two cyclin-dependent kinases promote RNA polymerase II transcription and formation of the scaffold complex. *Molecular and Cellular Biology*, **2004**, 24, 1721-35	4.8	147
5	Toward artificial developmental regulators. *Journal of the American Chemical Society*, **2003**, 125, 13322-3	16.4	43
4	RNA sequences that work as transcriptional activating regions. *Nucleic Acids Research*, **2003**, 31, 1565-70	20.1	35
3	Modular design of artificial transcription factors. *Current Opinion in Chemical Biology*, **2002**, 6, 765-72	9.7	89
2	Design of artificial transcriptional activators with rigid poly-L-proline linkers. *Journal of the American Chemical Society*, **2002**, 124, 13067-71	16.4	99
1	Towards a minimal motif for artificial transcriptional activators. *Chemistry and Biology*, **2001**, 8, 583-92		79