

# Akshay A Bhinge

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

22,840  
citations

430874

18  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

41954  
citing authors

#	ARTICLE	IF	CITATIONS
1	Upregulation of $\beta$ -catenin due to loss of miR-139 contributes to motor neuron death in amyotrophic lateral sclerosis. <i>Stem Cell Reports</i> , 2022, , .	4.8	9
2	Novel epigenetic clock for fetal brain development predicts prenatal age for cellular stem cell models and derived neurons. <i>Molecular Brain</i> , 2021, 14, 98.	2.6	19
3	Single-cell transcriptomics identifies master regulators of neurodegeneration in SOD1 ALS iPSC-derived motor neurons. <i>Stem Cell Reports</i> , 2021, 16, 3020-3035.	4.8	14
4	Cyclin-Dependent Kinase-Dependent Phosphorylation of Sox2 at Serine 39 Regulates Neurogenesis. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	18
5	Genetic Correction of SOD1 Mutant iPSCs Reveals ERK and JNK Activated AP1 as a Driver of Neurodegeneration in Amyotrophic Lateral Sclerosis. <i>Stem Cell Reports</i> , 2017, 8, 856-869.	4.8	108
6	Single-cell gene expression analysis reveals regulators of distinct cell subpopulations among developing human neurons. <i>Genome Research</i> , 2017, 27, 1783-1794.	5.5	39
7	MiR-375 is Essential for Human Spinal Motor Neuron Development and May Be Involved in Motor Neuron Degeneration. <i>Stem Cells</i> , 2016, 34, 124-134.	3.2	64
8	NeuO: a Fluorescent Chemical Probe for Live Neuron Labeling. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2442-2446.	13.8	73
9	MiR-135b is a direct PAX6 target and specifies human neuroectoderm by inhibiting TGF $\beta$ /BMP signaling. <i>EMBO Journal</i> , 2014, 33, 1271-1283.	7.8	53
10	A Myc $\beta$ -microRNA network promotes exit from quiescence by suppressing the interferon response and cell-cycle arrest genes. <i>Nucleic Acids Research</i> , 2013, 41, 2239-2254.	14.5	49
11	A Genome-Wide Screen for Genetic Variants That Modify the Recruitment of REST to Its Target Genes. <i>PLoS Genetics</i> , 2012, 8, e1002624.	3.5	17
12	Cell-type specific and combinatorial usage of diverse transcription factors revealed by genome-wide binding studies in multiple human cells. <i>Genome Research</i> , 2012, 22, 9-24.	5.5	119
13	An integrated encyclopedia of DNA elements in the human genome. <i>Nature</i> , 2012, 489, 57-74.	27.8	15,516
14	A User's Guide to the Encyclopedia of DNA Elements (ENCODE). <i>PLoS Biology</i> , 2011, 9, e1001046.	5.6	1,257
15	Wide-ranging functions of E2F4 in transcriptional activation and repression revealed by genome-wide analysis. <i>Nucleic Acids Research</i> , 2011, 39, 3558-3573.	14.5	132
16	Epigenetics of human T cells during the G <sub>0</sub> $\rightarrow$ G <sub>1</sub> transition. <i>Genome Research</i> , 2009, 19, 1325-1337.	5.5	19
17	Dynamic Remodeling of Individual Nucleosomes Across a Eukaryotic Genome in Response to Transcriptional Perturbation. <i>PLoS Biology</i> , 2008, 6, e65.	5.6	353
18	Mapping the chromosomal targets of STAT1 by Sequence Tag Analysis of Genomic Enrichment (STAGE). <i>Genome Research</i> , 2007, 17, 910-916.	5.5	61

#	ARTICLE	IF	CITATIONS
19	Identification and analysis of functional elements in 1% of the human genome by the ENCODE pilot project. <i>Nature</i> , 2007, 447, 799-816.	27.8	4,709
20	Mapping DNA-protein interactions in large genomes by sequence tag analysis of genomic enrichment. <i>Nature Methods</i> , 2005, 2, 47-53.	19.0	108
21	Accurate Detection of Protein:Ligand Binding Sites Using Molecular Dynamics Simulations. <i>Structure</i> , 2004, 12, 1989-1999.	3.3	25
22	A Procedure for Detection and Quantitation of Cavity Volumes in Proteins. <i>Journal of Biological Chemistry</i> , 2002, 277, 31345-31353.	3.4	44
23	Lysine: Is it worth more?. <i>Cytotechnology</i> , 2001, 36, 3-32.	1.6	31