

# Kuljeet Singh Sandhu

## List of Publications by Year in Descending Order

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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.

28  
papers

13,741  
citations

15  
h-index

32  
g-index

32  
ext. papers

16,766  
ext. citations

10.4  
avg, IF

8.05  
L-index

#	Paper	IF	Citations
28	Convergent evolution of a genomic rearrangement may explain cancer resistance in hystrico- and sciuriforma rodents. <i>Npj Aging and Mechanisms of Disease</i> , <b>2021</b> , 7, 20	5.5	0
27	Biased visibility in Hi-C datasets marks dynamically regulated condensed and decondensed chromatin states genome-wide. <i>BMC Genomics</i> , <b>2020</b> , 21, 175	4.5	6
26	Does genome surveillance explain the global discrepancy between binding and effect of chromatin factors?. <i>FEBS Letters</i> , <b>2020</b> , 594, 1339-1353	3.8	
25	CTCF-Mediated Genome Architecture Regulates the Dosage of Mitotically Stable Mono-allelic Expression of Autosomal Genes. <i>Cell Reports</i> , <b>2020</b> , 33, 108302	10.6	0
24	Evolutionary Loss of Genomic Proximity to Conserved Noncoding Elements Impacted the Gene Expression Dynamics During Mammalian Brain Development. <i>Genetics</i> , <b>2019</b> , 211, 1239-1254	4	2
23	Three Dimensional Organization of Genome Might Have Guided the Dynamics of Gene Order Evolution in Eukaryotes. <i>Genome Biology and Evolution</i> , <b>2016</b> , 8, 946-54	3.9	7
22	Spatially coordinated replication and minimization of expression noise constrain three-dimensional organization of yeast genome. <i>DNA Research</i> , <b>2016</b> , 23, 155-69	4.5	2
21	High resolution mapping of enhancer-promoter interactions. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122420	3.7	2
20	Evolutionarily conserved and conformationally constrained short peptides might serve as DNA recognition elements in intrinsically disordered regions. <i>Molecular BioSystems</i> , <b>2014</b> , 10, 1469-80		3
19	DNase I-hypersensitive exons colocalize with promoters and distal regulatory elements. <i>Nature Genetics</i> , <b>2013</b> , 45, 852-9	36.3	94
18	Large-scale functional organization of long-range chromatin interaction networks. <i>Cell Reports</i> , <b>2012</b> , 2, 1207-19	10.6	84
17	An integrated encyclopedia of DNA elements in the human genome. <i>Nature</i> , <b>2012</b> , 489, 57-74	50.4	11449
16	Extensive promoter-centered chromatin interactions provide a topological basis for transcription regulation. <i>Cell</i> , <b>2012</b> , 148, 84-98	56.2	882
15	Did the modulation of expression noise shape the evolution of three dimensional genome organizations in eukaryotes?. <i>Nucleus</i> , <b>2012</b> , 3, 286-9	3.9	2
14	Disordered proteins and network disorder in network descriptions of protein structure, dynamics and function: hypotheses and a comprehensive review. <i>Current Protein and Peptide Science</i> , <b>2012</b> , 13, 19-33	2.8	44
13	Chromatin interaction networks and higher order architectures of eukaryotic genomes. <i>Journal of Cellular Biochemistry</i> , <b>2011</b> , 112, 2218-21	4.7	15
12	Systems properties of proteins encoded by imprinted genes. <i>Epigenetics</i> , <b>2010</b> , 5, 627-36	5.7	20

11	Female-biased expression of long non-coding RNAs in domains that escape X-inactivation in mouse. <i>BMC Genomics</i> , <b>2010</b> , 11, 614	4.5	70
10	Nonallelic transvection of multiple imprinted loci is organized by the H19 imprinting control region during germline development. <i>Genes and Development</i> , <b>2009</b> , 23, 2598-603	12.6	81
9	Intrinsic disorder explains diverse nuclear roles of chromatin remodeling proteins. <i>Journal of Molecular Recognition</i> , <b>2009</b> , 22, 1-8	2.6	38
8	Spirulina nitrate-assimilating enzymes (NR, NiR, GS) have higher specific activities and are more stable than those of rice. <i>Physiology and Molecular Biology of Plants</i> , <b>2008</b> , 14, 179-82	2.8	9
7	GASCO: genetic algorithm simulation for codon optimization. <i>In Silico Biology</i> , <b>2008</b> , 8, 187-92	2	17
6	Dynamic alpha-helices: conformations that do not conform. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2007</b> , 68, 109-22	4.2	15
5	Structural assessment of glycyI mutations in invariantly conserved motifs. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2007</b> , 69, 617-32	4.2	
4	A whole genome analysis of 5bregulatory regions of human genes for putative cis-acting modulators of nucleosome positioning. <i>Gene</i> , <b>2007</b> , 391, 242-51	3.8	10
3	Conformational flexibility may explain multiple cellular roles of PEST motifs. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2006</b> , 63, 727-32	4.2	14
2	Circular chromosome conformation capture (4C) uncovers extensive networks of epigenetically regulated intra- and interchromosomal interactions. <i>Nature Genetics</i> , <b>2006</b> , 38, 1341-7	36.3	718
1	Intrinsic unstructuredness and abundance of PEST motifs in eukaryotic proteomes. <i>Proteins: Structure, Function and Bioinformatics</i> , <b>2006</b> , 62, 309-15	4.2	79