

Guntram Suske

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.

35
papers

3,335
citations

25
h-index

36
g-index

36
ext. papers

3,517
ext. citations

7.1
avg, IF

4.86
L-index

#	Paper	IF	Citations
35	Cloning by recognition site screening of two novel GT box binding proteins: a family of Sp1 related genes. <i>Nucleic Acids Research</i> , 1992 , 20, 5519-25	20.1	545
34	A tale of three fingers: the family of mammalian Sp/XKLF transcription factors. <i>Nucleic Acids Research</i> , 1999 , 27, 2991-3000	20.1	535
33	Mammalian SP/KLF transcription factors: bring in the family. <i>Genomics</i> , 2005 , 85, 551-6	4.3	287
32	Transcription factor Sp3 is silenced through SUMO modification by PIAS1. <i>EMBO Journal</i> , 2002 , 21, 5206-15	15	222
31	Functional analyses of the transcription factor Sp4 reveal properties distinct from Sp1 and Sp3. <i>Journal of Biological Chemistry</i> , 1995 , 270, 24989-94	5.4	179
30	Sp1 trans-activation of cell cycle regulated promoters is selectively repressed by Sp3. <i>Biochemistry</i> , 1995 , 34, 16503-8	3.2	179
29	Transcription factor Sp3 is essential for post-natal survival and late tooth development. <i>EMBO Journal</i> , 2000 , 19, 655-61	13	163
28	High Sp1/Sp3 ratios in epithelial cells during epithelial differentiation and cellular transformation correlate with the activation of the HPV-16 promoter. <i>Virology</i> , 1996 , 224, 281-91	3.6	133
27	Transcription factor Sp3 is regulated by acetylation. <i>Nucleic Acids Research</i> , 2001 , 29, 4994-5000	20.1	119
26	Impaired ossification in mice lacking the transcription factor Sp3. <i>Mechanisms of Development</i> , 2001 , 106, 77-83	1.7	95
25	Identification of SUMO-dependent chromatin-associated transcriptional repression components by a genome-wide RNAi screen. <i>Molecular Cell</i> , 2008 , 29, 742-54	17.6	93
24	Complexity of translationally controlled transcription factor Sp3 isoform expression. <i>Journal of Biological Chemistry</i> , 2004 , 279, 42095-105	5.4	89
23	SUMO-modified Sp3 represses transcription by provoking local heterochromatic gene silencing. <i>EMBO Reports</i> , 2008 , 9, 899-906	6.5	68
22	Combinatorial action of HNF3 and Sp family transcription factors in the activation of the rabbit uteroglobin/CC10 promoter. <i>Journal of Biological Chemistry</i> , 1998 , 273, 9821-8	5.4	61
21	MGA, L3MBTL2 and E2F6 determine genomic binding of the non-canonical Polycomb repressive complex PRC1.6. <i>PLoS Genetics</i> , 2018 , 14, e1007193	6	54
20	Sp1/Sp3 compound heterozygous mice are not viable: impaired erythropoiesis and severe placental defects. <i>Developmental Dynamics</i> , 2007 , 236, 2235-44	2.9	49
19	Complex phenotype of mice homozygous for a null mutation in the Sp4 transcription factor gene. <i>Genes To Cells</i> , 2001 , 6, 689-97	2.3	49

18	Transcription factor Sp3 knockout mice display serious cardiac malformations. <i>Molecular and Cellular Biology</i> , 2007 , 27, 8571-82	4.8	46
17	Sp1/Sp3 transcription factors regulate hallmarks of megakaryocyte maturation and platelet formation and function. <i>Blood</i> , 2015 , 125, 1957-67	2.2	45
16	E2F and Sp1/Sp3 Synergize but are not sufficient to activate the MYCN gene in neuroblastomas. <i>Journal of Biological Chemistry</i> , 2004 , 279, 5110-7	5.4	39
15	Impaired hematopoiesis in mice lacking the transcription factor Sp3. <i>Blood</i> , 2003 , 102, 858-66	2.2	38
14	Epigenetic silencing of spermatocyte-specific and neuronal genes by SUMO modification of the transcription factor Sp3. <i>PLoS Genetics</i> , 2010 , 6, e1001203	6	30
13	Zinc finger independent genome-wide binding of Sp2 potentiates recruitment of histone-fold protein NF-y distinguishing it from Sp1 and Sp3. <i>PLoS Genetics</i> , 2015 , 11, e1005102	6	29
12	Transient transfection of Schneider cells in the study of transcription factors. <i>Methods in Molecular Biology</i> , 2000 , 130, 175-87	1.4	28
11	Genome-wide localization and expression profiling establish Sp2 as a sequence-specific transcription factor regulating vitally important genes. <i>Nucleic Acids Research</i> , 2012 , 40, 7844-57	20.1	27
10	Ligand binding reduces SUMOylation of the peroxisome proliferator-activated receptor [[PPAR]] activation function 1 (AF1) domain. <i>PLoS ONE</i> , 2013 , 8, e66947	3.7	23
9	Characterization and promoter analysis of the mouse gene for transcription factor Sp4. <i>Gene</i> , 2001 , 264, 19-27	3.8	21
8	NF-Y and SP transcription factors - New insights in a long-standing liaison. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017 , 1860, 590-597	6	20
7	SUMOylation of the polycomb group protein L3MBTL2 facilitates repression of its target genes. <i>Nucleic Acids Research</i> , 2014 , 42, 3044-58	20.1	19
6	Specificity protein 2 (Sp2) is essential for mouse development and autonomous proliferation of mouse embryonic fibroblasts. <i>PLoS ONE</i> , 2010 , 5, e9587	3.7	18
5	Human Sp3 transcriptional regulator gene (SP3) maps to chromosome 2q31. <i>Genomics</i> , 1996 , 37, 410-2	4.3	15
4	Human Sp4 transcription factor gene (SP4) maps to chromosome 7p15. <i>Genomics</i> , 1995 , 26, 631-3	4.3	7
3	Differential regulation of sense and antisense promoter activity at the Csf1R locus in B cells by the transcription factor PAX5. <i>Experimental Hematology</i> , 2011 , 39, 730-40.e1-2	3.1	4
2	Transcription factor Sp2 potentiates binding of the TALE homeoproteins Pbx1:Prep1 and the histone-fold domain protein NF-y to composite genomic sites. <i>Journal of Biological Chemistry</i> , 2018 , 293, 19250-19262	5.4	4
1	Sp2 is the only glutamine-rich specificity protein with minor impact on development and differentiation in myelinating glia. <i>Journal of Neurochemistry</i> , 2017 , 140, 245-256	6	2

