Guntram Suske

List of Publications by Year
in descending order

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		218592	377752
35	3,715	26	34
papers	citations	h-index	g-index

36	36	36	3459
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cloning by recognition site screening of two novel GT box binding proteins: a family of Sp1 related genes. Nucleic Acids Research, 1992, 20, 5519-5525.	6.5	577
2	A tale of three fingers: the family of mammalian Sp/XKLF transcription factors. Nucleic Acids Research, 1999, 27, 2991-3000.	6.5	571
3	Mammalian SP/KLF transcription factors: Bring in the family. Genomics, 2005, 85, 551-556.	1.3	328
4	Transcription factor Sp3 is silenced through SUMO modification by PIAS1. EMBO Journal, 2002, 21, 5206-5215.	3.5	234
5	Functional Analyses of the Transcription Factor Sp4 Reveal Properties Distinct from Sp1 and Sp3. Journal of Biological Chemistry, 1995, 270, 24989-24994.	1.6	196
6	Sp1 Trans-Activation of Cell Cycle Regulated Promoters Is Selectively Repressed by Sp3. Biochemistry, 1995, 34, 16503-16508.	1.2	185
7	Transcription factor Sp3 is essential for post-natal survival and late tooth development. EMBO Journal, 2000, 19, 655-661.	3.5	175
8	High Sp1/Sp3 Ratios in Epithelial Cells during Epithelial Differentiation and Cellular Transformation Correlate with the Activation of the HPV-16 Promoter. Virology, 1996, 224, 281-291.	1.1	151
9	Transcription factor Sp3 is regulated by acetylation. Nucleic Acids Research, 2001, 29, 4994-5000.	6.5	132
10	Identification of SUMO-Dependent Chromatin-Associated Transcriptional Repression Components by a Genome-wide RNAi Screen. Molecular Cell, 2008, 29, 742-754.	4.5	100
11	Impaired ossification in mice lacking the transcription factor Sp3. Mechanisms of Development, 2001, 106, 77-83.	1.7	99
12	Complexity of Translationally Controlled Transcription Factor Sp3 Isoform Expression. Journal of Biological Chemistry, 2004, 279, 42095-42105.	1.6	97
13	MGA, L3MBTL2 and E2F6 determine genomic binding of the non-canonical Polycomb repressive complex PRC1.6. PLoS Genetics, 2018, 14, e1007193.	1.5	96
14	SUMOâ€modified Sp3 represses transcription by provoking local heterochromatic gene silencing. EMBO Reports, 2008, 9, 899-906.	2.0	80
15	Combinatorial Action of HNF3 and Sp Family Transcription Factors in the Activation of the Rabbit Uteroglobin/CC10 Promoter. Journal of Biological Chemistry, 1998, 273, 9821-9828.	1.6	68
16	Sp1/Sp3 compound heterozygous mice are not viable: Impaired erythropoiesis and severe placental defects. Developmental Dynamics, 2007, 236, 2235-2244.	0.8	59
17	Sp1/Sp3 transcription factors regulate hallmarks of megakaryocyte maturation and platelet formation and function. Blood, 2015, 125, 1957-1967.	0.6	57
18	Complex phenotype of mice homozygous for a null mutation in the Sp4 transcription factor gene. Genes To Cells, 2001, 6, 689-697.	0.5	54

#	Article	IF	Citations
19	Transcription Factor Sp3 Knockout Mice Display Serious Cardiac Malformations. Molecular and Cellular Biology, 2007, 27, 8571-8582.	1.1	50
20	Zinc Finger Independent Genome-Wide Binding of Sp2 Potentiates Recruitment of Histone-Fold Protein Nf-y Distinguishing It from Sp1 and Sp3. PLoS Genetics, 2015, 11, e1005102.	1.5	49
21	E2F and Sp1/Sp3 Synergize but Are Not Sufficient to Activate the MYCN Gene in Neuroblastomas. Journal of Biological Chemistry, 2004, 279, 5110-5117.	1.6	43
22	Impaired hematopoiesis in mice lacking the transcription factor Sp3. Blood, 2003, 102, 858-866.	0.6	41
23	Genome-wide localization and expression profiling establish Sp2 as a sequence-specific transcription factor regulating vitally important genes. Nucleic Acids Research, 2012, 40, 7844-7857.	6.5	38
24	NF-Y and SP transcription factors â€" New insights in a long-standing liaison. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 590-597.	0.9	38
25	Epigenetic Silencing of Spermatocyte-Specific and Neuronal Genes by SUMO Modification of the Transcription Factor Sp3. PLoS Genetics, 2010, 6, e1001203.	1.5	34
26	Transient Transfection of Schneider Cells in the Study of Transcription Factors. , 2000, 130, 175-188.		33
27	Ligand Binding Reduces SUMOylation of the Peroxisome Proliferator-activated Receptor Î³ (PPARÎ³) Activation Function 1 (AF1) Domain. PLoS ONE, 2013, 8, e66947.	1.1	29
28	Characterization and promoter analysis of the mouse gene for transcription factor Sp4. Gene, 2001, 264, 19-27.	1.0	23
29	Specificity Protein 2 (Sp2) Is Essential for Mouse Development and Autonomous Proliferation of Mouse Embryonic Fibroblasts. PLoS ONE, 2010, 5, e9587.	1.1	22
30	SUMOylation of the polycomb group protein L3MBTL2 facilitates repression of its target genes. Nucleic Acids Research, 2014, 42, 3044-3058.	6.5	22
31	Human Sp3 Transcriptional Regulator Gene (SP3) Maps to Chromosome 2q31. Genomics, 1996, 37, 410-412.	1.3	15
32	Human Sp4 transcription factor gene (SP4) maps to chromosome 7p15. Genomics, 1995, 26, 631-633.	1.3	7
33	Transcription factor Sp2 potentiates binding of the TALE homeoproteins Pbx1:Prep1 and the histone-fold domain protein Nf-y to composite genomic sites. Journal of Biological Chemistry, 2018, 293, 19250-19262.	1.6	6
34	Differential regulation of sense and antisense promoter activity at the Csf1R locus in B cells by the transcription factor PAX5. Experimental Hematology, 2011, 39, 730-740.e2.	0.2	4
35	Sp2 is the only glutamineâ€rich specificity protein with minor impact on development and differentiation in myelinating glia. Journal of Neurochemistry, 2017, 140, 245-256.	2.1	2