Francois Spitz

List of Publications by Year
in descending order

34 papers	6,161 citations	257450 24 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	8876 citing authors

#	Article	IF	Citations
1	Genetic dissection identifies Necdin as a driver gene in a mouse model of paternal 15q duplications. Nature Communications, 2021, 12, 4056.	12.8	8
2	Dissection of the Fgf8 regulatory landscape by in vivo CRISPR-editing reveals extensive intra- and inter-enhancer redundancy. Nature Communications, 2021, 12, 439.	12.8	25
3	Signals from the brain and olfactory epithelium control shaping of the mammalian nasal capsule cartilage. ELife, 2018, 7, .	6.0	28
4	Gene regulation during development in the light of topologically associating domains. Wiley Interdisciplinary Reviews: Developmental Biology, 2016, 5, 169-185.	5.9	25
5	Gene regulation at a distance: From remote enhancers to 3D regulatory ensembles. Seminars in Cell and Developmental Biology, 2016, 57, 57-67.	5.0	78
6	The Shh Topological Domain Facilitates the Action of Remote Enhancers by Reducing the Effects of Genomic Distances. Developmental Cell, 2016, 39, 529-543.	7.0	194
7	Cis-regulatory architecture of a brain signaling center predates the origin of chordates. Nature Genetics, 2016, 48, 575-580.	21.4	54
8	Formation of new chromatin domains determines pathogenicity of genomic duplications. Nature, 2016, 538, 265-269.	27.8	582
9	Model mice for 15q11â€“13 duplication syndrome exhibit late-onset obesity and altered lipid metabolism. Human Molecular Genetics, 2015, 24, 4559-4572.	2.9	13
10	Hoxa2 Selectively Enhances Meis Binding to Change a Branchial Arch Ground State. Developmental Cell, 2015, 32, 265-277.	7.0	76
11	Transcriptome profiling of white adipose tissue in a mouse model for 15q duplication syndrome. Genomics Data, 2015, 5, 394-396.	1.3	5
12	A Discrete Transition Zone Organizes the Topological and Regulatory Autonomy of the Adjacent Tfap2c and Bmp7 Genes. PLoS Genetics, 2015, 11, e1004897.	3.5	56
13	Functional and topological characteristics of mammalian regulatory domains. Genome Research, 2014, 24, 390-400.	5.5	402
14	The architecture of gene expression: integrating dispersed cis-regulatory modules into coherent regulatory domains. Current Opinion in Genetics and Development, 2014, 27, 74-82.	3.3	48
15	TRACER: a resource to study the regulatory architecture of the mouse genome. BMC Genomics, 2013, 14, 215.	2.8	15
16	A Switch Between Topological Domains Underlies <i>HoxD</i> Genes Collinearity in Mouse Limbs. Science, 2013, 340, 1234167.	12.6	391
17	Phenotypic impact of genomic structural variation: insights from and for human disease. Nature Reviews Genetics, 2013, 14, 125-138.	16.3	502
18	An Integrated Holo-Enhancer Unit Defines Tissue and Gene Specificity of the Fgf8 Regulatory Landscape. Developmental Cell, 2013, 24, 530-542.	7.0	132

#	Article	IF	Citations
19	From remote enhancers to gene regulation: charting the genome's regulatory landscapes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120358.	4.0	31
20	Transcription factors: from enhancer binding to developmental control. Nature Reviews Genetics, 2012, 13, 613-626.	16.3	1,726
21	A Regulatory Archipelago Controls Hox Genes Transcription in Digits. Cell, 2011, 147, 1132-1145.	28.9	454
22	Large-scale analysis of the regulatory architecture of the mouse genome with a transposon-associated sensor. Nature Genetics, 2011, 43, 379-386.	21.4	138
23	Control of Vertebrate Hox Clusters by Remote and Global Cis-Acting Regulatory Sequences. Advances in Experimental Medicine and Biology, 2010, 689, 63-78.	1.6	6
24	A Systematic Enhancer Screen Using Lentivector Transgenesis Identifies Conserved and Non-Conserved Functional Elements at the Olig1 and Olig2 Locus. PLoS ONE, 2010, 5, e15741.	2.5	25
25	Uncoupling Time and Space in the Collinear Regulation of Hox Genes. PLoS Genetics, 2009, 5, e1000398.	3.5	80
26	Characterization of mouse Dactylaplasia mutations: a model for human ectrodactyly SHFM3. Mammalian Genome, 2008, 19, 272-278.	2.2	23
27	Chapter 6 Global Control Regions and Regulatory Landscapes in Vertebrate Development and Evolution. Advances in Genetics, 2008, 61, 175-205.	1.8	40
28	Transgenic analysis of Hoxd gene regulation during digit development. Developmental Biology, 2007, 306, 847-859.	2.0	102
29	Inversion-induced disruption of the Hoxd cluster leads to the partition of regulatory landscapes. Nature Genetics, 2005, 37, 889-893.	21.4	129
30	Mouse limb deformity mutations disrupt a global control region within the large regulatory landscape required for Gremlin expression. Genes and Development, 2004, 18, 1553-1564.	5.9	131
31	A Global Control Region Defines a Chromosomal Regulatory Landscape Containing the HoxD Cluster. Cell, 2003, 113, 405-417.	28.9	422
32	A t(2;8) Balanced Translocation with Breakpoints Near the Human HOXD Complex Causes Mesomelic Dysplasia and Vertebral Defects. Genomics, 2002, 79, 493-498.	2.9	45
33	Large scale transgenic and cluster deletion analysis of the HoxD complex separate an ancestral regulatory module from evolutionary innovations. Genes and Development, 2001, 15, 2209-2214.	5.9	128
34	DEVELOPMENT: The Art of Making a Joint. Science, 2001, 291, 1713-1714.	12.6	14