VÃ©ronique Lefebvre

List of Publications by Year
in descending order

55 papers	4,277 citations	147801 31 h-index	168389 53 g-index
55 all docs	55 docs citations	55 times ranked	6082 citing authors

#	Article	IF	Citations
1	The Transcription Factors L-Sox5 and Sox6 Are Essential for Cartilage Formation. Developmental Cell, 2001, 1, 277-290.	7.0	548
2	Sox9 Directs Hypertrophic Maturation and Blocks Osteoblast Differentiation of Growth Plate Chondrocytes. Developmental Cell, 2012, 22, 597-609.	7.0	334
3	SOX9 and the many facets of its regulation in the chondrocyte lineage. Connective Tissue Research, 2017, 58, 2-14.	2.3	250
4	SoxD Proteins Influence Multiple Stages of Oligodendrocyte Development and Modulate SoxE Protein Function. Developmental Cell, 2006, 11, 697-709.	7.0	229
5	The transcription factors SOX9 and SOX5/SOX6 cooperate genome-wide through super-enhancers to drive chondrogenesis. Nucleic Acids Research, 2015, 43, 8183-8203.	14.5	219
6	The three SoxC proteinsâ€”Sox4, Sox11 and Sox12â€”exhibit overlapping expression patterns and molecular properties. Nucleic Acids Research, 2008, 36, 3101-3117.	14.5	202
7	The Cell-Intrinsic Requirement of Sox6 for Cortical Interneuron Development. Neuron, 2009, 63, 466-481.	8.1	194
8	Organogenesis relies on SoxC transcription factors for the survival of neural and mesenchymal progenitors. Nature Communications, 2010, 1, 9.	12.8	183
9	SOX9 in cartilage development and disease. Current Opinion in Cell Biology, 2019, 61, 39-47.	5.4	155
10	Characterization of primary cultures of chondrocytes from type II collagen/Î²-galactosidase transgenic mice. Matrix Biology, 1994, 14, 329-335.	3.6	143
11	Transcriptional control of chondrocyte specification and differentiation. Seminars in Cell and Developmental Biology, 2017, 62, 34-49.	5.0	142
12	SoxC Transcription Factors Are Required for Neuronal Differentiation in Adult Hippocampal Neurogenesis. Journal of Neuroscience, 2012, 32, 3067-3080.	3.6	140
13	The SoxD transcription factors â€“ Sox5, Sox6, and Sox13 â€“ are key cell fate modulators. International Journal of Biochemistry and Cell Biology, 2010, 42, 429-432.	2.8	130
14	Sequential requirement of Sox4 and Sox11 during development of the sympathetic nervous system. Development (Cambridge), 2010, 137, 775-784.	2.5	105
15	SOX9 keeps growth plates and articular cartilage healthy by inhibiting chondrocyte dedifferentiation/osteoblastic redifferentiation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	96
16	Musculoskeletal integration at the wrist underlies modular development of limb tendons. Development (Cambridge), 2015, 142, 2431-41.	2.5	79
17	Roles and regulation of SOX transcription factors in skeletogenesis. Current Topics in Developmental Biology, 2019, 133, 171-193.	2.2	74
18	SOX4 Is Essential for Prostate Tumorigenesis Initiated by PTEN Ablation. Cancer Research, 2016, 76, 1112-1121.	0.9	67

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19	Sox9 deletion causes severe intervertebral disc degeneration characterized by apoptosis, matrix remodeling, and compartment-specific transcriptomic changes. Matrix Biology, 2020, 94, 110-133.	3.6	66
20	SOXC proteins amplify canonical WNT signaling to secure nonchondrocytic fates in skeletogenesis. Journal of Cell Biology, 2014, 207, 657-671.	5.2	65
21	SoxC Transcription Factors Promote Contralateral Retinal Ganglion Cell Differentiation and Axon Guidance in the Mouse Visual System. Neuron, 2017, 93, 1110-1125.e5.	8.1	64
22	Proliferation Assays (BrdU and EdU) on Skeletal Tissue Sections. Methods in Molecular Biology, 2014, 1130, 233-243.	0.9	60
23	SOX9 is dispensable for the initiation of epigenetic remodeling and the activation of marker genes at the onset of chondrogenesis. Development (Cambridge), 2018, 145, .	2.5	59
24	SOX11 and SOX4 drive the reactivation of an embryonic gene program during murine wound repair. Nature Communications, 2019, 10, 4042.	12.8	58
25	The SOX9 upstream region prone to chromosomal aberrations causing campomelic dysplasia contains multiple cartilage enhancers. Nucleic Acids Research, 2015, 43, 5394-5408.	14.5	54
26	SOXopathies: Growing Family of Developmental Disorders Due to SOX Mutations. Trends in Genetics, 2019, 35, 658-671.	6.7	43
27	Serum NT/CT SIRT1 ratio reflects early osteoarthritis and chondrosenescence. Annals of the Rheumatic Diseases, 2020, 79, 1370-1380.	0.9	42
28	The SOXE transcription factorsâ€”SOX8, SOX9Âand SOX10â€”share a bi-partite transactivation mechanism. Nucleic Acids Research, 2019, 47, 6917-6931.	14.5	41
29	De Novo SOX4 Variants Cause a Neurodevelopmental Disease Associated with Mild Dysmorphism. American Journal of Human Genetics, 2019, 104, 246-259.	6.2	40
30	Single-cell analysis identifies the interaction of altered renal tubules with basophils orchestrating kidney fibrosis. Nature Immunology, 2022, 23, 947-959.	14.5	37
31	Generation of mice harboring aSox6 conditional null allele. Genesis, 2006, 44, 219-224.	1.6	35
32	SOXC Transcription Factors Induce Cartilage Growth Plate Formation in Mouse Embryos by Promoting Noncanonical WNT Signaling. Journal of Bone and Mineral Research, 2015, 30, 1560-1571.	2.8	34
33	SOX5/6/21 Prevent Oncogene-Driven Transformation of Brain Stem Cells. Cancer Research, 2017, 77, 4985-4997.	0.9	29
34	Cancer-predicting transcriptomic and epigenetic signatures revealed for ulcerative colitis in patient-derived epithelial organoids. Oncotarget, 2018, 9, 28717-28730.	1.8	28
35	Generation of mice harboring a Sox5 conditional null allele. Genesis, 2008, 46, 294-299.	1.6	27
36	SOXC Genes and the Control of Skeletogenesis. Current Osteoporosis Reports, 2016, 14, 32-38.	3.6	25

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37	Widening of the genetic and clinical spectrum of Lambâ€“Shaffer syndrome, a neurodevelopmental disorder due to SOX5 haploinsufficiency. Genetics in Medicine, 2020, 22, 524-537.	2.4	21
38	Sox11 gene disruption causes congenital anomalies of the kidney and urinary tract (CAKUT). Kidney International, 2018, 93, 1142-1153.	5.2	19
39	Elevated Fibroblast Growth Factor Signaling Is Critical for the Pathogenesis of the Dwarfism in Evc2/Limbin Mutant Mice. PLoS Genetics, 2016, 12, e1006510.	3.5	18
40	De Novo SOX6 Variants Cause a Neurodevelopmental Syndrome Associated with ADHD, Craniosynostosis, and Osteochondromas. American Journal of Human Genetics, 2020, 106, 830-845.	6.2	17
41	Sox12 enhances Fbw7-mediated ubiquitination and degradation of GATA3 in Th2 cells. Cellular and Molecular Immunology, 2021, 18, 1729-1738.	10.5	16
42	SoxD genes are required for adult neural stem cell activation. Cell Reports, 2022, 38, 110313.	6.4	16
43	PRC2 Is Dispensablein Vivofor Î²-Catenin-Mediated Repression of Chondrogenesis in the Mouse Embryonic Cranial Mesenchyme. G3: Genes, Genomes, Genetics, 2018, 8, 491-503.	1.8	15
44	Enhanced Chondrogenic Capacity of Mesenchymal Stem Cells After TNFÎ± Pre-treatment. Frontiers in Bioengineering and Biotechnology, 2020, 8, 658.	4.1	10
45	Consolidation of the clinical and genetic definition of aSOX4-related neurodevelopmental syndrome. Journal of Medical Genetics, 2022, 59, 1058-1068.	3.2	10
46	Sox12 promotes T reg differentiation in the periphery during colitis. Journal of Experimental Medicine, 2018, 215, 2509-2519.	8.5	7
47	The transcription factor Sox4 is required for thymic tuft cell development. International Immunology, 2022, 34, 45-52.	4.0	7
48	Isolation of Mouse Growth and for Primary Cultures. Methods in Molecular Biology, 2021, 2245, 39-51.	0.9	6
49	Progenitor cell fate, SOXC and WNT. Oncotarget, 2015, 6, 24596-24597.	1.8	6
50	Preparation of Adult Mouse Skeletal Tissue Sections for RNA In Situ Hybridization. Methods in Molecular Biology, 2021, 2245, 85-92.	0.9	5
51	EdU-Based Assay of Cell Proliferation and Stem Cell Quiescence in Skeletal Tissue Sections. Methods in Molecular Biology, 2021, 2230, 357-365.	0.9	3
52	Human Adult Fibroblastâ€like Synoviocytes and Articular Chondrocytes Exhibit Prominent Overlap in Their Transcriptomic Signatures. ACR Open Rheumatology, 2021, 3, 359-370.	2.1	2
53	Single-cell atlas of craniogenesis uncovers SOXC-dependent, highly proliferative, and myofibroblast-like osteodermal progenitors. Cell Reports, 2022, 40, 111045.	6.4	2
54	Editorial for the special issue on Cartilage Biology and Pathology. Seminars in Cell and Developmental Biology, 2017, 62, 1-2.	5.0	0

#	ARTICLE	IF	CITATIONS
55	Epithelial SOX11 regulates eyelid closure during embryonic eye development. Biochemical and Biophysical Research Communications, 2021, 549, 27-33.	2.1	0