Jeff Vierstra

List of Publications by Year
in descending order

22 papers	7,950 citations	430874 18 h-index	677142 22 g-index
25 all docs	25 docs citations	25 times ranked	16067 citing authors

#	Article	IF	Citations
1	Discrete regulatory modules instruct hematopoietic lineage commitment and differentiation. Nature Communications, 2021, 12, 6790.	12.8	6
2	Global reference mapping of human transcription factor footprints. Nature, 2020, 583, 729-736.	27.8	228
3	Index and biological spectrum of human DNase I hypersensitive sites. Nature, 2020, 584, 244-251.	27.8	207
4	Unbiased phenotypic identification of functionally distinct hematopoietic progenitors. Journal of Biological Research, 2019, 26, 4.	2.1	2
5	Genomic footprinting. Nature Methods, 2016, 13, 213-221.	19.0	97
6	DNase I hypersensitivity analysis of the mouse brain and retina identifies region-specific regulatory elements. Epigenetics and Chromatin, 2015, 8, 8.	3.9	60
7	53. From GWAS To the Clinic: Genome-Editing the Human BCL11A Erythroid Enhancer for Fetal Globin Elevation in the Hemoglobinopathies. Molecular Therapy, 2015, 23, S23-S24.	8.2	2
8	Native Elongating Transcript Sequencing Reveals Human Transcriptional Activity at Nucleotide Resolution. Cell, 2015, 161, 541-554.	28.9	342
9	Methylated Cytosines Mutate to Transcription Factor Binding Sites that Drive Tetrapod Evolution. Genome Biology and Evolution, 2015, 7, 3155-3169.	2.5	20
10	Large-scale identification of sequence variants influencing human transcription factor occupancy in vivo. Nature Genetics, 2015, 47, 1393-1401.	21.4	202
11	Functional footprinting of regulatory DNA. Nature Methods, 2015, 12, 927-930.	19.0	123
12	Coupling transcription factor occupancy to nucleosome architecture with DNase-FLASH. Nature Methods, 2014, 11, 66-72.	19.0	58
13	Conservation of trans-acting circuitry during mammalian regulatory evolution. Nature, 2014, 515, 365-370.	27.8	211
14	A comparative encyclopedia of DNA elements in the mouse genome. Nature, 2014, 515, 355-364.	27.8	1,444
15	Mouse regulatory DNA landscapes reveal global principles of cis-regulatory evolution. Science, 2014, 346, 1007-1012.	12.6	244
16	An Erythroid Enhancer of BCL11A Subject to Genetic Variation Determines Fetal Hemoglobin Level. Science, 2013, 342, 253-257.	12.6	518
17	Genomeâ€Scale Mapping of DNase I Hypersensitivity. Current Protocols in Molecular Biology, 2013, 103, Unit 21.27.	2.9	82
18	Fine-Mapping and Genome Editing Reveal An Essential Erythroid Enhancer At The HbF-Associated BCL11A Locus. Blood, 2013, 122, 437-437.	1.4	1

#	Article	IF	Citations
19	Personal and population genomics of human regulatory variation. Genome Research, 2012, 22, 1689-1697.	5.5	98
20	BEDOPS: high-performance genomic feature operations. Bioinformatics, 2012, 28, 1919-1920.	4.1	840
21	An expansive human regulatory lexicon encoded in transcription factor footprints. Nature, 2012, 489, 83-90.	27.8	715
22	The accessible chromatin landscape of the human genome. Nature, 2012, 489, 75-82.	27.8	2,434