Terence D Capellini

List of Publications by Year
in descending order

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49 papers	2,089 citations	257101 24 h-index	264894 42 g-index
62 all docs	62 docs citations	62 times ranked	3252 citing authors

#	Article	IF	Citations
1	Detection of Neanderthal Adaptively Introgressed Genetic Variants That Modulate Reporter Gene Expression in Human Immune Cells. Molecular Biology and Evolution, 2022, 39, .	3.5	24
2	Interspecies transcriptomics identify genes that underlie disproportionate foot growth in jerboas. Current Biology, 2022, 32, 289-303.e6.	1.8	13
3	Identification of IGF2BP1 â€related lncRNAâ€miRNAâ€mRNA network in goat skeletal muscle satellite cells. Animal Science Journal, 2021, 92, e13631.	0.6	5
4	Single Cell Omics for Musculoskeletal Research. Current Osteoporosis Reports, 2021, 19, 131-140.	1.5	10
5	Experimental and natural evidence of SARS-CoV-2-infection-induced activation of type I interferon responses. IScience, 2021, 24, 102477.	1.9	49
6	Subchondral Bone Length in Knee Osteoarthritis: A Deep Learningâ€“Derived Imaging Measure and Its Association With Radiographic and Clinical Outcomes. Arthritis and Rheumatology, 2021, 73, 2240-2248.	2.9	15
7	Shifting epigenetic contexts influence regulatory variation and disease risk. Aging, 2021, 13, 15699-15749.	1.4	2
8	Joint disease-specificity at the regulatory base-pair level. Nature Communications, 2021, 12, 4161.	5.8	18
9	Bi-fated tendon-to-bone attachment cells are regulated by shared enhancers and KLF transcription factors. ELife, 2021, 10, .	2.8	36
10	Evolutionary Selection and Constraint on Human Knee Chondrocyte Regulation Impacts Osteoarthritis Risk. Cell, 2020, 181, 362-381.e28.	13.5	64
11	Assessment of knee pain from MR imaging using a convolutional Siamese network. European Radiology, 2020, 30, 3538-3548.	2.3	35
12	Regulation of Gdf5 expression in joint remodelling, repair and osteoarthritis. Scientific Reports, 2020, 10, 157.	1.6	44
13	Biological clocks and incremental growth line formation in dentine. Journal of Anatomy, 2020, 237, 367-378.	0.9	21
14	Variation in mouse pelvic morphology maps to locations enriched in Sox9 Class II and Pitx1 regulatory features. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2020, 334, 100-112.	0.6	4
15	Complex Phenotypes: Mechanisms Underlying Variation in Human Stature. Current Osteoporosis Reports, 2019, 17, 301-323.	1.5	11
16	Mendelian Randomization Analysis Reveals a Causal Influence of Circulating Sclerostin Levels on Bone Mineral Density and Fractures. Journal of Bone and Mineral Research, 2019, 34, 1824-1836.	3.1	24
17	Meta-Analysis of Genomewide Association Studies Reveals Genetic Variants for Hip Bone Geometry. Journal of Bone and Mineral Research, 2019, 34, 1284-1296.	3.1	27
18	Genetics of scapula and pelvis development: An evolutionary perspective. Current Topics in Developmental Biology, 2019, 132, 311-349.	1.0	21

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19	Exerciseâ€induced loading increases ilium cortical area in a selectively bred mouse model. American Journal of Physical Anthropology, 2019, 168, 543-551.	2.1	8
20	Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. Journal of Bone and Mineral Research, 2019, 34, 241-251.	3.1	47
21	A distinct transition from cell growth to physiological homeostasis in the tendon. ELife, 2019, 8, .	2.8	31
22	Disentangling Immediate Adaptive Introgression from Selection on Standing Introgressed Variation in Humans. Molecular Biology and Evolution, 2018, 35, 623-630.	3.5	46
23	Impact of broad regulatory regions on Gdf5 expression and function in knee development and susceptibility to osteoarthritis. Annals of the Rheumatic Diseases, 2018, 77, 450-450.	0.5	29
24	The role of Gdf5 regulatory regions in development of hip morphology. PLoS ONE, 2018, 13, e0202785.	1.1	13
25	A novel enhancer near the Pitx1 gene influences development and evolution of pelvic appendages in vertebrates. ELife, 2018, 7, .	2.8	38
26	A robust method for RNA extraction and purification from a single adult mouse tendon. PeerJ, 2018, 6, e4664.	0.9	19
27	Ancient selection for derived alleles at a GDF5 enhancer influencing human growth and osteoarthritis risk. Nature Genetics, 2017, 49, 1202-1210.	9.4	77
28	Epigenetic profiling of growth plate chondrocytes sheds insight into regulatory genetic variation influencing height. ELife, 2017, 6, .	2.8	35
29	Dietary Variation and Evolution of Gene Copy Number among Dog Breeds. PLoS ONE, 2016, 11, e0148899.	1.1	28
30	Screening of reproductionâ€related singleâ€nucleotide variations from MeDIPâ€seq data in sheep. Molecular Reproduction and Development, 2016, 83, 958-967.	1.0	23
31	Reply to AlmÃ©cija: A new direction for reconstructing our last common ancestor with chimpanzees. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E945-E945.	3.3	0
32	Heads, Shoulders, Elbows, Knees, and Toes: Modular Gdf5 Enhancers Control Different Joints in the Vertebrate Skeleton. PLoS Genetics, 2016, 12, e1006454.	1.5	59
33	DNA methylation Landscape of body size variation in sheep. Scientific Reports, 2015, 5, 13950.	1.6	24
34	On the serial homology of the pectoral and pelvic girdles of tetrapods. Evolution; International Journal of Organic Evolution, 2015, 69, 2543-2555.	1.1	35
35	Reply to Melillo: Woranso-Mille is consistent with an australopithecine shoulder intermediate between African apes and Homo. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E7160-E7160.	3.3	2
36	Fossil hominin shoulders support an African ape-like last common ancestor of humans and chimpanzees. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11829-11834.	3.3	59

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37	A Penile Spine/Vibrissa Enhancer Sequence Is Missing in Modern and Extinct Humans but Is Retained in Multiple Primates with Penile Spines and Sensory Vibrissae. PLoS ONE, 2013, 8, e84258.	1.1	16
38	Congenital Asplenia in Mice and Humans with Mutations in a Pbx/Nkx2-5/p15 Module. Developmental Cell, 2012, 22, 913-926.	3.1	70
39	Human-specific loss of regulatory DNA and the evolution of human-specific traits. Nature, 2011, 471, 216-219.	13.7	439
40	Pbx homeodomain proteins: TALEnted regulators of limb patterning and outgrowth. Developmental Dynamics, 2011, 240, 1063-1086.	0.8	41
41	Control of pelvic girdle development by genes of the Pbx family and Emx2. Developmental Dynamics, 2011, 240, 1173-1189.	0.8	32
42	Scapula development is governed by genetic interactions ofPbx1with its family members and withEmx2via their cooperative control ofAlx1. Development (Cambridge), 2010, 137, 2559-2569.	1.2	65
43	Conservation of notochord gene expression across chordates: Insights from the Leprecan gene family. Genesis, 2008, 46, 683-696.	0.8	33
44	Pbx1/Pbx2 govern axial skeletal development by controlling Polycomb and Hox in mesoderm and Pax1/Pax9 in sclerotome. Developmental Biology, 2008, 321, 500-514.	0.9	44
45	Cooperation between p27 and p107 during Endochondral Ossification Suggests a Genetic Pathway Controlled by p27 and p130. Molecular and Cellular Biology, 2007, 27, 5161-5171.	1.1	21
46	Development and cancer: Two sides of the same coin. International Congress Series, 2006, 1296, 147-159.	0.2	3
47	Spatio-temporal expression of Pbx3 during mouse organogenesis. Gene Expression Patterns, 2006, 6, 747-757.	0.3	53
48	Pbx1/Pbx2 requirement for distal limb patterning is mediated by the hierarchical control of Hox gene spatial distribution and Shhexpression. Development (Cambridge), 2006, 133, 2263-2273.	1.2	172
49	The TALE Homeodomain Protein Pbx2 Is Not Essential for Development and Long-Term Survival. Molecular and Cellular Biology, 2004, 24, 5324-5331.	1.1	76