

Terence D Capellini

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51 papers	1,392 citations	20 h-index	36 g-index
62 ext. papers	1,801 ext. citations	8.3 avg, IF	4.24 L-index

#	Paper	IF	Citations
51	Human-specific loss of regulatory DNA and the evolution of human-specific traits. <i>Nature</i> , 2011 , 471, 216-9	50.4	334
50	Pbx1/Pbx2 requirement for distal limb patterning is mediated by the hierarchical control of Hox gene spatial distribution and Shh expression. <i>Development (Cambridge)</i> , 2006 , 133, 2263-73	6.6	141
49	The TALE homeodomain protein Pbx2 is not essential for development and long-term survival. <i>Molecular and Cellular Biology</i> , 2004 , 24, 5324-31	4.8	65
48	Congenital asplenia in mice and humans with mutations in a Pbx/Nkx2-5/p15 module. <i>Developmental Cell</i> , 2012 , 22, 913-26	10.2	59
47	Ancient selection for derived alleles at a GDF5 enhancer influencing human growth and osteoarthritis risk. <i>Nature Genetics</i> , 2017 , 49, 1202-1210	36.3	53
46	Scapula development is governed by genetic interactions of Pbx1 with its family members and with Emx2 via their cooperative control of Alx1. <i>Development (Cambridge)</i> , 2010 , 137, 2559-69	6.6	53
45	Spatio-temporal expression of Pbx3 during mouse organogenesis. <i>Gene Expression Patterns</i> , 2006 , 6, 747-57	1.5	48
44	Fossil hominin shoulders support an African ape-like last common ancestor of humans and chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11829-34	11.5	44
43	Heads, Shoulders, Elbows, Knees, and Toes: Modular Gdf5 Enhancers Control Different Joints in the Vertebrate Skeleton. <i>PLoS Genetics</i> , 2016 , 12, e1006454	6	39
42	Pbx1/Pbx2 govern axial skeletal development by controlling Polycomb and Hox in mesoderm and Pax1/Pax9 in sclerotome. <i>Developmental Biology</i> , 2008 , 321, 500-14	3.1	36
41	Pbx homeodomain proteins: TALEnted regulators of limb patterning and outgrowth. <i>Developmental Dynamics</i> , 2011 , 240, 1063-86	2.9	32
40	Identification of Novel Loci Associated With Hip Shape: A Meta-Analysis of Genomewide Association Studies. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 241-251	6.3	32
39	Evolutionary Selection and Constraint on Human Knee Chondrocyte Regulation Impacts Osteoarthritis Risk. <i>Cell</i> , 2020 , 181, 362-381.e28	56.2	28
38	Conservation of notochord gene expression across chordates: insights from the Leprecan gene family. <i>Genesis</i> , 2008 , 46, 683-96	1.9	28
37	Disentangling Immediate Adaptive Introgression from Selection on Standing Introgressed Variation in Humans. <i>Molecular Biology and Evolution</i> , 2018 , 35, 623-630	8.3	27
36	On the serial homology of the pectoral and pelvic girdles of tetrapods. <i>Evolution; International Journal of Organic Evolution</i> , 2015 , 69, 2543-55	3.8	26
35	Epigenetic profiling of growth plate chondrocytes sheds insight into regulatory genetic variation influencing height. <i>ELife</i> , 2017 , 6,	8.9	24

34	Impact of broad regulatory regions on Gdf5 expression and function in knee development and susceptibility to osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 450	2.4	22
33	Control of pelvic girdle development by genes of the Pbx family and Emx2. <i>Developmental Dynamics</i> , 2011 , 240, 1173-89	2.9	22
32	Cooperation between p27 and p107 during endochondral ossification suggests a genetic pathway controlled by p27 and p130. <i>Molecular and Cellular Biology</i> , 2007 , 27, 5161-71	4.8	21
31	DNA methylation Landscape of body size variation in sheep. <i>Scientific Reports</i> , 2015 , 5, 13950	4.9	20
30	Regulation of Gdf5 expression in joint remodelling, repair and osteoarthritis. <i>Scientific Reports</i> , 2020 , 10, 157	4.9	18
29	A novel enhancer near the gene influences development and evolution of pelvic appendages in vertebrates. <i>ELife</i> , 2018 , 7,	8.9	18
28	Dietary Variation and Evolution of Gene Copy Number among Dog Breeds. <i>PLoS ONE</i> , 2016 , 11, e0148899	3.7	18
27	Meta-Analysis of Genomewide Association Studies Reveals Genetic Variants for Hip Bone Geometry. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1284-1296	6.3	16
26	Assessment of knee pain from MR imaging using a convolutional Siamese network. <i>European Radiology</i> , 2020 , 30, 3538-3548	8	16
25	A distinct transition from cell growth to physiological homeostasis in the tendon. <i>ELife</i> , 2019 , 8,	8.9	16
24	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. <i>PLoS ONE</i> , 2013 , 8, e84258	3.7	15
23	Experimental and natural evidence of SARS-CoV-2-infection-induced activation of type I interferon responses. <i>IScience</i> , 2021 , 24, 102477	6.1	15
22	Bi-fated tendon-to-bone attachment cells are regulated by shared enhancers and KLF transcription factors. <i>ELife</i> , 2021 , 10,	8.9	15
21	Mendelian Randomization Analysis Reveals a Causal Influence of Circulating Sclerostin Levels on Bone Mineral Density and Fractures. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1824-1836	6.3	11
20	Genetics of scapula and pelvis development: An evolutionary perspective. <i>Current Topics in Developmental Biology</i> , 2019 , 132, 311-349	5.3	11
19	Biological clocks and incremental growth line formation in dentine. <i>Journal of Anatomy</i> , 2020 , 237, 367-378	3.8	10
18	Screening of reproduction-related single-nucleotide variations from MeDIP-seq data in sheep. <i>Molecular Reproduction and Development</i> , 2016 , 83, 958-967	2.6	9
17	The role of Gdf5 regulatory regions in development of hip morphology. <i>PLoS ONE</i> , 2018 , 13, e0202785	3.7	9

16	A robust method for RNA extraction and purification from a single adult mouse tendon. <i>PeerJ</i> , 2018 , 6, e4664	3.1	8
15	Complex Phenotypes: Mechanisms Underlying Variation in Human Stature. <i>Current Osteoporosis Reports</i> , 2019 , 17, 301-323	5.4	6
14	Detection of Neanderthal Adaptively Introgressed Genetic Variants that Modulate Reporter Gene Expression in Human Immune Cells. <i>Molecular Biology and Evolution</i> , 2021 ,	8.3	5
13	Exercise-induced loading increases ilium cortical area in a selectively bred mouse model. <i>American Journal of Physical Anthropology</i> , 2019 , 168, 543-551	2.5	4
12	Subchondral Bone Length in Knee Osteoarthritis: A Deep Learning-Derived Imaging Measure and Its Association With Radiographic and Clinical Outcomes. <i>Arthritis and Rheumatology</i> , 2021 , 73, 2240-2248	8.5	3
11	Out on a Limb 2015 , 101-137		2
10	Reply to Melillo: Woranso-Mille is consistent with an australopithecine shoulder intermediate between African apes and Homo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E7160	11.5	2
9	Development and cancer: Two sides of the same coin. <i>International Congress Series</i> , 2006 , 1296, 147-159		2
8	Interspecies transcriptomics identify genes that underlie disproportionate foot growth in jerboas. <i>Current Biology</i> , 2021 ,	6.3	2
7	Experimental and natural evidence of SARS-CoV-2 infection-induced activation of type I interferon responses		2
6	Single Cell Omics for Musculoskeletal Research. <i>Current Osteoporosis Reports</i> , 2021 , 19, 131-140	5.4	2
5	Variation in mouse pelvic morphology maps to locations enriched in Sox9 Class II and Pitx1 regulatory features. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2020 , 334, 100-112	1.8	2
4	Joint disease-specificity at the regulatory base-pair level. <i>Nature Communications</i> , 2021 , 12, 4161	17.4	0
3	Identification of IGF2BP1-related lncRNA-miRNA-mRNA network in goat skeletal muscle satellite cells. <i>Animal Science Journal</i> , 2021 , 92, e13631	1.8	0
2	Reply to Almūija: A new direction for reconstructing our last common ancestor with chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E945	11.5	
1	Shifting epigenetic contexts influence regulatory variation and disease risk. <i>Aging</i> , 2021 , 13, 15699-15749	9.6	