Charles C Roseman

List of Publications by Year
in descending order

55 papers	3,846 citations	172457 29 h-index	189892 50 g-index
61 all docs	61 docs citations	61 times ranked	4143 citing authors

#	Article	IF	Citations
1	Support from the relationship of genetic and geographic distance in human populations for a serial founder effect originating in Africa. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15942-15947.	7.1	957
2	Excavating Y-chromosome haplotype strata in Anatolia. Human Genetics, 2004, 114, 127-148.	3.8	318
3	Detecting interregionally diversifying natural selection on modern human cranial form by using matched molecular and morphometric data. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 12824-12829.	7.1	294
4	The Levant versus the Horn of Africa: Evidence for Bidirectional Corridors of Human Migrations. American Journal of Human Genetics, 2004, 74, 532-544.	6.2	204
5	Multivariate apportionment of global human craniometric diversity. American Journal of Physical Anthropology, 2004, 125, 257-263.	2.1	198
6	Were neandertal and modern human cranial differences produced by natural selection or genetic drift?. Journal of Human Evolution, 2007, 53, 135-145.	2.6	156
7	Close correspondence between quantitative- and molecular-genetic divergence times for Neandertals and modern humans. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4645-4649.	7.1	117
8	DIVERGENT PATTERNS OF INTEGRATION AND REDUCED CONSTRAINT IN THE HUMAN HIP AND THE ORIGINS OF BIPEDALISM. Evolution; International Journal of Organic Evolution, 2011, 65, 1336-1356.	2.3	112
9	GENETIC VARIATION IN PLEIOTROPY: DIFFERENTIAL EPISTASIS AS A SOURCE OF VARIATION IN THE ALLOMETRIC RELATIONSHIP BETWEEN LONG BONE LENGTHS AND BODY WEIGHT. Evolution; International Journal of Organic Evolution, 2007, 62, 071115145922006-???.	2.3	100
10	Genome-Wide Analysis Reveals a Complex Pattern of Genomic Imprinting in Mice. PLoS Genetics, 2008, 4, e1000091.	3.5	99
11	Molecules versus morphology? Not for the human cranium. BioEssays, 2007, 29, 1185-1188.	2.5	97
12	Developmental nonlinearity drives phenotypic robustness. Nature Communications, 2017, 8, 1970.	12.8	81
13	Ecogeography, genetics, and the evolution of human body form. Journal of Human Evolution, 2015, 78, 80-90.	2.6	80
14	Pleiotropic Patterns of Quantitative Trait Loci for 70 Murine Skeletal Traits. Genetics, 2008, 178, 2275-2288.	2.9	74
15	Constraint, natural selection, and the evolution of human body form. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9492-9497.	7.1	72
16	Genomic imprinting effects on adult body composition in mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 4253-4258.	7.1	68
17	The developmental-genetics of canalization. Seminars in Cell and Developmental Biology, 2019, 88, 67-79.	5.0	63
18	Complex and changing patterns of natural selection explain the evolution of the human hip. Journal of Human Evolution, 2015, 85, 94-110.	2.6	61

#	Article	IF	Citations
19	Hybridization in human evolution: Insights from other organisms. Evolutionary Anthropology, 2019, 28, 189-209.	3.4	57
20	New developments in the genetic evidence for modern human origins. Evolutionary Anthropology, 2008, 17, 69-80.	3.4	45
21	Integration and the Developmental Genetics of Allometry. Integrative and Comparative Biology, 2019, 59, 1369-1381.	2.0	42
22	Identification of Quantitative Trait Loci Affecting Murine Long Bone Length in a Two-Generation Intercross of LG/J and SM/J Mice. Journal of Bone and Mineral Research, 2008, 23, 887-895.	2.8	41
23	Comparison of Mandibular Phenotypic and Genetic Integration between Baboon and Mouse. Evolutionary Biology, 2009, 36, 19-36.	1.1	38
24	Characterizing the Evolutionary Path(s) to Early Homo. PLoS ONE, 2014, 9, e114307.	2.5	38
25	Genetic and environmental contributions to variation in baboon cranial morphology. American Journal of Physical Anthropology, 2010, 143, 1-12.	2.1	33
26	Do modern humans and Neandertals have different patterns of cranial integration?. Journal of Human Evolution, 2011, 60, 684-693.	2.6	33
27	Genetic Architecture of Adiposity and Organ Weight Using Combined Generation QTL Analysis. Obesity, 2008, 16, 1861-1868.	3.0	32
28	Replication of long-bone length QTL in the F9-F10 LG,SM advanced intercross. Mammalian Genome, 2009, 20, 224-235.	2.2	32
29	Random genetic drift, natural selection, and noise in human cranial evolution. American Journal of Physical Anthropology, 2016, 160, 582-592.	2.1	31
30	Fineâ€mapping of Obesityâ€related Quantitative Trait Loci in an F_{9/10} Advanced Intercross Line. Obesity, 2010, 18, 1383-1392.	3.0	30
31	Disentangling Prenatal and Postnatal Maternal Genetic Effects Reveals Persistent Prenatal Effects on Offspring Growth in Mice. Genetics, 2011, 189, 1069-1082.	2.9	28
32	Phenotypic Integration Without Modularity: Testing Hypotheses About the Distribution of Pleiotropic Quantitative Trait Loci in a Continuous Space. Evolutionary Biology, 2009, 36, 282-291.	1.1	27
33	Body size and allometric variation in facial shape in children. American Journal of Physical Anthropology, 2018, 165, 327-342.	2.1	23
34	Ancient DNA, Late Neandertal Survival, and Modernâ€Humanâ€“Neandertal Genetic Admixture. Current Anthropology, 2005, 46, 677-683.	1.6	21
35	Facial shape and allometry quantitative trait locus intervals in the Diversity Outbred mouse are enriched for known skeletal and facial development genes. PLoS ONE, 2020, 15, e0233377.	2.5	19
36	Nonlinear gene expressionâ€phenotype relationships contribute to variation and clefting in the A/WySn mouse. Developmental Dynamics, 2019, 248, 1232-1242.	1.8	18

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37	GENETIC VARIATION IN BABOON CRANIOFACIAL SEXUAL DIMORPHISM. Evolution; International Journal of Organic Evolution, 2009, 63, 799-806.	2.3	17
38	The Inhibitory Cascade Model is Not a Good Predictor of Molar Size Covariation. Evolutionary Biology, 2019, 46, 229-238.	1.1	17
39	Troublesome Reflection: Racism as the Blind Spot in the Scientific Critique of Race. Human Biology, 2014, 86, 233.	0.2	11
40	Subchondral Bone Apparent Density and Locomotor Behavior in Extant Primates and Subfossil Lemurs Hadropithecus and Pachylemur. International Journal of Primatology, 2010, 31, 275-299.	1.9	10
41	Heritability of Alveolar Bone Loss From Periodontal Disease in a Baboon Population: A Pilot Study. Journal of Periodontology, 2011, 82, 575-580.	3.4	9
42	Mammal Molar Size Ratios and the Inhibitory Cascade at the Intraspecific Scale. Integrative Organismal Biology, 2020, 2, obaa020.	1.8	7
43	Relating multivariate shapes to genescapes using phenotype-biological process associations for craniofacial shape. ELife, 2021, 10, .	6.0	7
44	Developmental constraint through negative pleiotropy in the zygomatic arch. EvoDevo, 2018, 9, 3.	3.2	6
45	Facial shape manifestations of growth faltering in Tanzanian children. Journal of Anatomy, 2018, 232, 250-262.	1.5	4
46	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.	1.3	4
47	Comparative Quantitative Genetic Analysis of Cranial Capacity and Craniofacial Morphology in Two Closely Related Primate Species. , 2012, , 37-59.		4
48	Lewontin did not commit Lewontin's fallacy, his critics do: Why racial taxonomy is not useful for the scientific study of human variation. BioEssays, 2021, 43, 2100204.	2.5	3
49	Complexity, Genetic Causation, and Hereditarianism. Human Biology, 2018, 90, 241.	0.2	2
50	The genetic basis of neurocranial size and shape across varied lab mouse populations. Journal of Anatomy, 2022, 241, 211-229.	1.5	2
51	A most interesting problem: What Darwin's descent of man got right and wrong about human evolutionJeremyDeSilvaPrinceton, NJ: Princeton University Press. (2021) ISBN 9780691191140. American Journal of Physical Anthropology, 2021, 176, 538-539.	2.1	0
52	Selection Gradients and Ecogeographic Variance in the Human Postâ€Crania. FASEB Journal, 2015, 29, 343.4.	0.5	0
53	Morphological and Population Genomic Analysis Demonstrates that Natural Selection and Neutral Evolutionary Processes Contributed to the Evolution of the Human Skeleton. FASEB Journal, 2015, 29, 343.3.	0.5	0
54	Exerting an influence on evolution. ELife, 2020, 9, .	6.0	0

#	Article	IF	Citations
55	Reliability is No Vice: Environmental Variance and Human Agency. Biological Theory, 0, , .	1.5	0