

Charles C Roseman

List of Publications by Year in descending order

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Version: 2024-02-01

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	The genetic basis of neurocranial size and shape across varied lab mouse populations. <i>Journal of Anatomy</i> , 2022, 241, 211-229.	1.5	2
2	A most interesting problem: What Darwin's descent of man got right and wrong about human evolution. Jeremy DeSilva. Princeton, NJ: Princeton University Press. (2021) ISBN 9780691191140. <i>American Journal of Physical Anthropology</i> , 2021, 176, 538-539.	2.1	0
3	Lewontin did not commit Lewontin's fallacy, his critics do: Why racial taxonomy is not useful for the scientific study of human variation. <i>BioEssays</i> , 2021, 43, 2100204.	2.5	3
4	Relating multivariate shapes to genescapes using phenotype-biological process associations for craniofacial shape. <i>ELife</i> , 2021, 10, .	6.0	7
5	Mammal Molar Size Ratios and the Inhibitory Cascade at the Intraspecific Scale. <i>Integrative Organismal Biology</i> , 2020, 2, obaa020.	1.8	7
6	Facial shape and allometry quantitative trait locus intervals in the Diversity Outbred mouse are enriched for known skeletal and facial development genes. <i>PLoS ONE</i> , 2020, 15, e0233377.	2.5	19
7	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.	1.3	4
8	Exerting an influence on evolution. <i>ELife</i> , 2020, 9, .	6.0	0
9	The developmental-genetics of canalization. <i>Seminars in Cell and Developmental Biology</i> , 2019, 88, 67-79.	5.0	63
10	The Inhibitory Cascade Model is Not a Good Predictor of Molar Size Covariation. <i>Evolutionary Biology</i> , 2019, 46, 229-238.	1.1	17
11	Nonlinear gene expression-phenotype relationships contribute to variation and clefting in the A/WySn mouse. <i>Developmental Dynamics</i> , 2019, 248, 1232-1242.	1.8	18
12	Integration and the Developmental Genetics of Allometry. <i>Integrative and Comparative Biology</i> , 2019, 59, 1369-1381.	2.0	42
13	Hybridization in human evolution: Insights from other organisms. <i>Evolutionary Anthropology</i> , 2019, 28, 189-209.	3.4	57
14	Body size and allometric variation in facial shape in children. <i>American Journal of Physical Anthropology</i> , 2018, 165, 327-342.	2.1	23
15	Facial shape manifestations of growth faltering in Tanzanian children. <i>Journal of Anatomy</i> , 2018, 232, 250-262.	1.5	4
16	Developmental constraint through negative pleiotropy in the zygomatic arch. <i>EvoDevo</i> , 2018, 9, 3.	3.2	6
17	Complexity, Genetic Causation, and Hereditarianism. <i>Human Biology</i> , 2018, 90, 241.	0.2	2
18	Developmental nonlinearity drives phenotypic robustness. <i>Nature Communications</i> , 2017, 8, 1970.	12.8	81

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19	Constraint, natural selection, and the evolution of human body form. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9492-9497.	7.1	72
20	Random genetic drift, natural selection, and noise in human cranial evolution. <i>American Journal of Physical Anthropology</i> , 2016, 160, 582-592.	2.1	31
21	Complex and changing patterns of natural selection explain the evolution of the human hip. <i>Journal of Human Evolution</i> , 2015, 85, 94-110.	2.6	61
22	Ecogeography, genetics, and the evolution of human body form. <i>Journal of Human Evolution</i> , 2015, 78, 80-90.	2.6	80
23	Selection Gradients and Ecogeographic Variance in the Human Post-Crania. <i>FASEB Journal</i> , 2015, 29, 343.4.	0.5	0
24	Morphological and Population Genomic Analysis Demonstrates that Natural Selection and Neutral Evolutionary Processes Contributed to the Evolution of the Human Skeleton. <i>FASEB Journal</i> , 2015, 29, 343.3.	0.5	0
25	Characterizing the Evolutionary Path(s) to Early Homo. <i>PLoS ONE</i> , 2014, 9, e114307.	2.5	38
26	Troublesome Reflection: Racism as the Blind Spot in the Scientific Critique of Race. <i>Human Biology</i> , 2014, 86, 233.	0.2	11
27	Comparative Quantitative Genetic Analysis of Cranial Capacity and Craniofacial Morphology in Two Closely Related Primate Species. , 2012, , 37-59.		4
28	Heritability of Alveolar Bone Loss From Periodontal Disease in a Baboon Population: A Pilot Study. <i>Journal of Periodontology</i> , 2011, 82, 575-580.	3.4	9
29	DIVERGENT PATTERNS OF INTEGRATION AND REDUCED CONSTRAINT IN THE HUMAN HIP AND THE ORIGINS OF BIPEDALISM. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1336-1356.	2.3	112
30	Do modern humans and Neandertals have different patterns of cranial integration?. <i>Journal of Human Evolution</i> , 2011, 60, 684-693.	2.6	33
31	Disentangling Prenatal and Postnatal Maternal Genetic Effects Reveals Persistent Prenatal Effects on Offspring Growth in Mice. <i>Genetics</i> , 2011, 189, 1069-1082.	2.9	28
32	Subchondral Bone Apparent Density and Locomotor Behavior in Extant Primates and Subfossil Lemurs Hadropithecus and Pachylemur. <i>International Journal of Primatology</i> , 2010, 31, 275-299.	1.9	10
33	Genetic and environmental contributions to variation in baboon cranial morphology. <i>American Journal of Physical Anthropology</i> , 2010, 143, 1-12.	2.1	33
34	Fine-mapping of Obesity-related Quantitative Trait Loci in an F _{9/10} Advanced Intercross Line. <i>Obesity</i> , 2010, 18, 1383-1392.	3.0	30
35	Comparison of Mandibular Phenotypic and Genetic Integration between Baboon and Mouse. <i>Evolutionary Biology</i> , 2009, 36, 19-36.	1.1	38
36	Phenotypic Integration Without Modularity: Testing Hypotheses About the Distribution of Pleiotropic Quantitative Trait Loci in a Continuous Space. <i>Evolutionary Biology</i> , 2009, 36, 282-291.	1.1	27

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37	Replication of long-bone length QTL in the F9-F10 LG,SM advanced intercross. <i>Mammalian Genome</i> , 2009, 20, 224-235.	2.2	32
38	GENETIC VARIATION IN BABOON CRANIOFACIAL SEXUAL DIMORPHISM. <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 799-806.	2.3	17
39	New developments in the genetic evidence for modern human origins. <i>Evolutionary Anthropology</i> , 2008, 17, 69-80.	3.4	45
40	Identification of Quantitative Trait Loci Affecting Murine Long Bone Length in a Two-Generation Intercross of LG/J and SM/J Mice. <i>Journal of Bone and Mineral Research</i> , 2008, 23, 887-895.	2.8	41
41	Genetic Architecture of Adiposity and Organ Weight Using Combined Generation QTL Analysis. <i>Obesity</i> , 2008, 16, 1861-1868.	3.0	32
42	Pleiotropic Patterns of Quantitative Trait Loci for 70 Murine Skeletal Traits. <i>Genetics</i> , 2008, 178, 2275-2288.	2.9	74
43	Genomic imprinting effects on adult body composition in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4253-4258.	7.1	68
44	Genome-Wide Analysis Reveals a Complex Pattern of Genomic Imprinting in Mice. <i>PLoS Genetics</i> , 2008, 4, e1000091.	3.5	99
45	Close correspondence between quantitative- and molecular-genetic divergence times for Neandertals and modern humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 4645-4649.	7.1	117
46	Molecules versus morphology? Not for the human cranium. <i>BioEssays</i> , 2007, 29, 1185-1188.	2.5	97
47	GENETIC VARIATION IN PLEIOTROPY: DIFFERENTIAL EPISTASIS AS A SOURCE OF VARIATION IN THE ALLOMETRIC RELATIONSHIP BETWEEN LONG BONE LENGTHS AND BODY WEIGHT. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 62, 071115145922006-???	2.3	100
48	Were neandertal and modern human cranial differences produced by natural selection or genetic drift?. <i>Journal of Human Evolution</i> , 2007, 53, 135-145.	2.6	156
49	Ancient DNA, Late Neandertal Survival, and Modern "Human" Neandertal Genetic Admixture. <i>Current Anthropology</i> , 2005, 46, 677-683.	1.6	21
50	Support from the relationship of genetic and geographic distance in human populations for a serial founder effect originating in Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15942-15947.	7.1	957
51	Excavating Y-chromosome haplotype strata in Anatolia. <i>Human Genetics</i> , 2004, 114, 127-148.	3.8	318
52	Multivariate apportionment of global human craniometric diversity. <i>American Journal of Physical Anthropology</i> , 2004, 125, 257-263.	2.1	198
53	Detecting interregionally diversifying natural selection on modern human cranial form by using matched molecular and morphometric data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12824-12829.	7.1	294
54	The Levant versus the Horn of Africa: Evidence for Bidirectional Corridors of Human Migrations. <i>American Journal of Human Genetics</i> , 2004, 74, 532-544.	6.2	204

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55	Reliability is No Vice: Environmental Variance and Human Agency. <i>Biological Theory</i> , 0, , .	1.5	0