Thomas Cucchi

List of Publications by Year
in descending order

67 papers	3,223 citations	147801 31 h-index	168389 53 g-index
72 all docs	72 docs citations	72 times ranked	2899 citing authors

#	Article	IF	Citations
1	Phylogeny and ancient DNA of Sus provides insights into neolithic expansion in Island Southeast Asia and Oceania. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 4834-4839.	7.1	286
2	Pig Domestication and Human-Mediated Dispersal in Western Eurasia Revealed through Ancient DNA and Geometric Morphometrics. Molecular Biology and Evolution, 2013, 30, 824-832.	8.9	196
3	First occurrence of the house mouse (Mus musculus domesticus Schwarz & Schwarz, 1943) in the Western Mediterranean: a zooarchaeological revision of subfossil occurrences. Biological Journal of the Linnean Society, 2005, 84, 429-445.	1.6	192
4	The long and winding road: identifying pig domestication through molar size and shape. Journal of Archaeological Science, 2013, 40, 735-743.	2.4	169
5	Early Neolithic pig domestication at Jiahu, Henan Province, China: clues from molar shape analyses using geometric morphometric approaches. Journal of Archaeological Science, 2011, 38, 11-22.	2.4	157
6	First wave of cultivators spread to Cyprus at least 10,600 y ago. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8445-8449.	7.1	125
7	An Ecological and Evolutionary Framework for Commensalism in Anthropogenic Environments. Trends in Ecology and Evolution, 2016, 31, 633-645.	8.7	121
8	Ancient pigs reveal a near-complete genomic turnover following their introduction to Europe. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17231-17238.	7.1	101
9	Genetic differentiation of the house mouse around the Mediterranean basin: matrilineal footprints of early and late colonization. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1034-1043.	2.6	94
10	Divergent evolutionary processes associated with colonization of offshore islands. Molecular Ecology, 2013, 22, 5205-5220.	3.9	92
11	Origins of house mice in ecological niches created by settled hunter-gatherers in the Levant 15,000 y ago. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4099-4104.	7.1	91
12	Origin and Diffusion of the House Mouse in the Mediterranean. Human Evolution, 2006, 21, 95-106.	2.0	81
13	The Pigs of Island Southeast Asia and the Pacific: New Evidence for Taxonomic Status and Human-Mediated Dispersal. Asian Perspectives, 2008, 47, 59-74.	0.1	81
14	New insights into pig taxonomy, domestication and human dispersal in Island South East Asia: molar shape analysis of Sus remains from Niah Caves, Sarawak. International Journal of Osteoarchaeology, 2009, 19, 508-530.	1.2	71
15	Phenotype and animal domestication: A study of dental variation between domestic, wild, captive, hybrid and insular Sus scrofa. BMC Evolutionary Biology, 2015, 15, 6.	3.2	65
16	The use of close-range photogrammetry in zooarchaeology: Creating accurate 3D models of wolf crania to study dog domestication. Journal of Archaeological Science: Reports, 2016, 9, 87-93.	0.5	63
17	The zooarchaeological application of quantifying cranial shape differences in wild boar and domestic pigs (Sus scrofa) using 3D geometric morphometrics. Journal of Archaeological Science, 2014, 43, 159-167.	2.4	61
18	Detecting taxonomic and phylogenetic signals in equid cheek teeth: towards new palaeontological and archaeological proxies. Royal Society Open Science, 2017, 4, 160997.	2.4	61

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19	THE CHANGING PACE OF INSULAR LIFE: 5000 YEARS OF MICROEVOLUTION IN THE ORKNEY VOLE(MICROTUS ARVALIS ORCADENSIS). Evolution; International Journal of Organic Evolution, 2014, 68, 2804-2820.	2.3	52
20	Introduction involontaire de la souris domestique (Mus musculus domesticus) Ã Chypre dÃ¨s le NÃ©olithique prÃ©cÃ©ramique ancien (fin IXe et VIIIe millÃ©naires av. J.-C.). Comptes Rendus - Palevol, 2002, 1, 235-241.	0.2	49
21	A geometric morphometric re-evaluation of the use of dental form to explore differences in horse (Equus caballus) populations and its potential zooarchaeological application. Journal of Archaeological Science, 2014, 41, 904-910.	2.4	49
22	Uluburun shipwreck stowaway house mouse: molar shape analysis and indirect clues about the vessel's last journey. Journal of Archaeological Science, 2008, 35, 2953-2959.	2.4	47
23	Tracking the Near Eastern origins and European dispersal of the western house mouse. Scientific Reports, 2020, 10, 8276.	3.3	47
24	Wild, domestic and feral? Investigating the status of suids in the Romanian GumelniÅ£a (5th mil. cal BC) with biogeochemistry and geometric morphometrics. Journal of Anthropological Archaeology, 2016, 42, 27-36.	1.6	45
25	Unravelling the complexity of domestication: a case study using morphometrics and ancient DNA analyses of archaeological pigs from Romania. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20130616.	4.0	43
26	Social Complexification and Pig (Sus scrofa) Husbandry in Ancient China: A Combined Geometric Morphometric and Isotopic Approach. PLoS ONE, 2016, 11, e0158523.	2.5	41
27	Using traditional biometrical data to distinguish West Palearctic wild boar and domestic pigs in the archaeological record: new methods and standards. Journal of Archaeological Science, 2014, 43, 1-8.	2.4	40
28	House mouse dispersal in Iron Age Spain: a geometric morphometrics appraisal. Biological Journal of the Linnean Society, 2011, 102, 483-497.	1.6	38
29	On the origin of the house mouse synanthropy and dispersal in the Near East and Europe:. , 2012, , 65-93.		37
30	On the trail of Neolithic mice and men towards Transcaucasia: zooarchaeological clues from Nakhchivan (Azerbaijan). Biological Journal of the Linnean Society, 2013, 108, 917-928.	1.6	37
31	Seasonality of birth and diet of pigs from stable isotope analyses of tooth enamel (Î´18O, Î´13C): a modern reference data set from Corsica, France. Journal of Archaeological Science, 2012, 39, 2023-2035.	2.4	36
32	Reconsidering domestication from a process archaeology perspective. World Archaeology, 2021, 53, 56-77.	1.1	36
33	Evolution of an invasive rodent on an archipelago as revealed by molar shape analysis: the house mouse in the Canary Islands. Journal of Biogeography, 2007, 34, 1412-1425.	3.0	34
34	A landmark-based approach for assessing the reliability of mandibular tooth crowding as a marker of dog domestication. Journal of Archaeological Science, 2017, 85, 41-50.	2.4	30
35	The mark of captivity: plastic responses in the ankle bone of a wild ungulate (Sus scrofa). Royal Society Open Science, 2020, 7, 192039.	2.4	30
36	New insights into the invasive process of the eastern house mouse (Mus musculus musculus): Evidence from the burnt houses of Chalcolithic Romania. Holocene, 2011, 21, 1195-1202.	1.7	27

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37	Ancient Urban Ecology Reconstructed from Archaeozoological Remains of Small Mammals in the Near East. PLoS ONE, 2014, 9, e91795.	2.5	27
38	Investigating the impact of captivity and domestication on limb bone cortical morphology: an experimental approach using a wild boar model. Scientific Reports, 2020, 10, 19070.	3.3	27
39	A test for paedomorphism in domestic pig cranial morphology. Biology Letters, 2017, 13, 20170321.	2.3	26
40	Earliest â€œDomesticâ€•Cats in China Identified as Leopard Cat (Prionailurus bengalensis). PLoS ONE, 2016, 11, e0147295.	2.5	22
41	Systematics and evolution of the Meriones shawii/grandis complex (Rodentia, Gerbillinae) during the Late Quaternary in northwestern Africa: Exploring the role of environmental and anthropogenic changes. Quaternary Science Reviews, 2017, 164, 199-216.	3.0	22
42	How Changes in Functional Demands Associated with Captivity Affect the Skull Shape of a Wild Boar (Sus scrofa). Evolutionary Biology, 2021, 48, 27-40.	1.1	16
43	Wild game or farm animal? Tracking human-pig relationships in ancient times through stable isotope analysis. , 2018, , 81-96.		16
44	A bioarchaeological investigation of three late Chalcolithic pits at OvÃ§ular Tepesi (Nakhchivan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4	1.2	15
45	Dental Shape Variation and Phylogenetic Signal in the Rattini Tribe Species of Mainland Southeast Asia. Journal of Mammalian Evolution, 2019, 26, 435-446.	1.8	15
46	Did Romanization impact Gallic pig morphology? New insights from molar geometric morphometrics. Journal of Archaeological Science, 2015, 57, 345-354.	2.4	14
47	Taxonomic and phylogenetic signals in bovini cheek teeth: Towards new biosystematic markers to explore the history of wild and domestic cattle. Journal of Archaeological Science, 2019, 109, 104993.	2.4	14
48	Examining the effect of feralization on craniomandibular morphology in pigs,Sus scrofa(Artiodactyla: Suidae). Biological Journal of the Linnean Society, 2020, 131, 870-879.	1.6	13
49	Microevolutionary relationships between phylogeographical history, climate change and morphological variability in the common vole (Microtus arvalis) across France. Journal of Biogeography, 2012, 39, 698-712.	3.0	12
50	Palaeogenomic analysis of black rat (Rattus rattus) reveals multiple European introductions associated with human economic history. Nature Communications, 2022, 13, 2399.	12.8	12
51	The development of new husbandry and economic models in Gaul between the Iron Age and the Roman Period: New insights from pig bones and teeth morphometrics. Journal of Archaeological Science, 2018, 99, 10-18.	2.4	11
52	A Dig into the Past Mitochondrial Diversity of Corsican Goats Reveals the Influence of Secular Herding Practices. PLoS ONE, 2012, 7, e30272.	2.5	10
53	Exploring Rattus praetor (Rodentia, Muridae) as a possible species complex using geometric morphometrics on dental morphology. Mammalian Biology, 2018, 92, 62-67.	1.5	9
54	A History of Pig Domestication: New Ways of Exploring a Complex Process. , 0, , 39-48.		8

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55	The origins of the domesticate brown rat (Rattus norvegicus) and its pathways to domestication. Animal Frontiers, 2021, 11, 78-86.	1.7	8
56	Constraints associated with captivity alter craniomandibular integration in wild boar. Journal of Anatomy, 2021, 239, 489-497.	1.5	7
57	Bones geometric morphometrics illustrate 10th millennium cal. BP domestication of autochthonous Cypriot wild boar (Sus scrofa circeus nov. ssp). Scientific Reports, 2021, 11, 11435.	3.3	7
58	The urban ecology of Iron Age Tel Megiddo: using microvertebrate remains as ancient bio-indicators. Journal of Archaeological Science, 2013, 40, 257-267.	2.4	6
59	Postglacial recolonization and Holocene diversification of Crocidura suaveolens (Mammalia,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 190, 1-10.	3.0	6
60	Animal domestication: from distant past to current development and issues. Animal Frontiers, 2021, 11, 6-9.	1.7	6
61	Phenotypic diversity in Bronze Age pigs from the Alpine and Central Plateau regions of Switzerland. Journal of Archaeological Science: Reports, 2018, 21, 38-46.	0.5	5
62	EVOSHEEP: the makeup of sheep breeds in the ancient Near East. Antiquity, 2021, 95, .	1.0	4
63	The effect of captivity on craniomandibular and calcaneal ontogenetic trajectories in wild boar. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2022, 338, 575-585.	1.3	4
64	Ancient DNA refines taxonomic classification of Roman equids north of the Alps, elaborated with osteomorphology and geometric morphometrics. Journal of Archaeological Science, 2022, 143, 105624.	2.4	4
65	Are petrous bones just a repository of ancient biomolecules? Investigating biosystematic signals in sheep petrous bones using 3D geometric morphometrics. Journal of Archaeological Science: Reports, 2022, 43, 103447.	0.5	1
66	Reply to Dekel et al.: Preagricultural commensal niches for the house mouse and origins of human sedentism. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5281-E5282.	7.1	0
67	Corrigendum to: Examining the effect of feralization on craniomandibular morphology in pigs, Sus scrofa (Artiodactyla: Suidae). Biological Journal of the Linnean Society, 2021, 133, 249-249.	1.6	0