

Eric CrubÃ©zy

List of Publications by Year in descending order

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Version: 2024-02-01

131
papers

5,020
citations

87888

38
h-index

106344

65
g-index

147
all docs

147
docs citations

147
times ranked

5017
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular identification by suicide PCR of <i>Yersinia pestis</i> as the agent of Medieval Black Death. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12800-12803.	7.1	288
2	Ancient genomes revisit the ancestry of domestic and Przewalski's horses. Science, 2018, 360, 111-114.	12.6	241
3	Is cribra orbitalia synonymous with anemia? Analysis and interpretation of cranial pathology in Sudan. American Journal of Physical Anthropology, 2004, 123, 333-339.	2.1	212
4	Tracking Five Millennia of Horse Management with Extensive Ancient Genome Time Series. Cell, 2019, 177, 1419-1435.e31.	28.9	195
5	Ancient genomic changes associated with domestication of the horse. Science, 2017, 356, 442-445.	12.6	185
6	Nuclear and Mitochondrial DNA Analysis of a 2,000-Year-Old Necropolis in the Egyin Gol Valley of Mongolia. American Journal of Human Genetics, 2003, 73, 247-260.	6.2	180
7	Genotyping, Orientalis-like <i>Yersinia pestis</i> , and Plague Pandemics. Emerging Infectious Diseases, 2004, 10, 1585-1592.	4.3	166
8	Ancient DNA reveals male diffusion through the Neolithic Mediterranean route. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9788-9791.	7.1	151
9	Revisiting carbonate quantification in apatite (bio)minerals: a validated FTIR methodology. Journal of Archaeological Science, 2014, 49, 134-141.	2.4	141
10	Tracking the origins of Yakutian horses and the genetic basis for their fast adaptation to subarctic environments. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6889-97.	7.1	139
11	Ancient DNA provides new insights into the history of south Siberian Kurgan people. Human Genetics, 2009, 126, 395-410.	3.8	116
12	Age assessment by magnetic resonance imaging of the knee: A preliminary study. Forensic Science International, 2012, 217, 232.e1-232.e7.	2.2	108
13	False teeth of the Roman world. Nature, 1998, 391, 29-29.	27.8	104
14	Ancient DNA suggests the leading role played by men in the Neolithic dissemination. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18255-18259.	7.1	103
15	Variola Virus in a 300-Year-Old Siberian Mummy. New England Journal of Medicine, 2012, 367, 2057-2059.	27.0	97
16	Virtual anthropology and forensic identification using multidetector CT. British Journal of Radiology, 2014, 87, 20130468.	2.2	91
17	Identification of Mycobacterium DNA in an Egyptian Pott's disease of 5400 years old. Comptes Rendus De L'Académie Des Sciences Série 3, Sciences De La Vie, 1998, 321, 941-951.	0.8	85
18	Complete mitochondrial DNA sequences provide new insights into the Polynesian motif and the peopling of Madagascar. European Journal of Human Genetics, 2010, 18, 575-581.	2.8	75

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19	Dental caries, tooth wear and diet in an adult medieval (12th–14th century) population from mediterranean France. <i>Archives of Oral Biology</i> , 2009, 54, 287-297.	1.8	69
20	Comparison between morphological and genetic data to estimate biological relationship: The case of the Egyin Gol necropolis (Mongolia). <i>American Journal of Physical Anthropology</i> , 2010, 143, 355-364.	2.1	68
21	The rediscovery of smallpox. <i>Clinical Microbiology and Infection</i> , 2014, 20, 210-218.	6.0	63
22	Is aging recorded in blood Cu and Zn isotope compositions?. <i>Metallomics</i> , 2013, 5, 1016-1024.	2.4	60
23	STR-genotyping from human medieval tooth and bone samples. <i>Forensic Science International</i> , 2005, 151, 31-35.	2.2	58
24	Shotgun microbial profiling of fossil remains. <i>Molecular Ecology</i> , 2014, 23, 1780-1798.	3.9	55
25	Shanidar 1: A case of hyperostotic disease (DISH) in the middle paleolithic. <i>American Journal of Physical Anthropology</i> , 1992, 89, 411-420.	2.1	53
26	Pigment phenotype and biogeographical ancestry from ancient skeletal remains: inferences from multiplexed autosomal SNP analysis. <i>International Journal of Legal Medicine</i> , 2009, 123, 315-325.	2.2	53
27	Genetic analysis of human remains from a double inhumation in a frozen kurgan in Kazakhstan (Berel) Tj ETQq1 1 0,784314 rgBT /Ove	2.2	49
28	Human evolution in Siberia: from frozen bodies to ancient DNA. <i>BMC Evolutionary Biology</i> , 2010, 10, 25.	3.2	49
29	First successful assay of Y-SNP typing by SNaPshot minisequencing on ancient DNA. <i>International Journal of Legal Medicine</i> , 2007, 121, 493-499.	2.2	48
30	Adsorption of DNA on biomimetic apatites: Toward the understanding of the role of bone and tooth mineral on the preservation of ancient DNA. <i>Applied Surface Science</i> , 2014, 292, 867-875.	6.1	48
31	History of Smallpox and Its Spread in Human Populations. <i>Microbiology Spectrum</i> , 2016, 4, .	3.0	48
32	STR typing of ancient DNA extracted from hair shafts of Siberian mummies. <i>Forensic Science International</i> , 2007, 166, 218-229.	2.2	45
33	Triple sulfur-oxygen-strontium isotopes probabilistic geographic assignment of archaeological remains using a novel sulfur isoscape of western Europe. <i>PLoS ONE</i> , 2021, 16, e0250383.	2.5	45
34	A new deep branch of eurasian mtDNA macrohaplogroup M reveals additional complexity regarding the settlement of Madagascar. <i>BMC Genomics</i> , 2009, 10, 605.	2.8	44
35	Genetic analysis and ethnic affinities from two Scytho-Siberian skeletons. <i>American Journal of Physical Anthropology</i> , 2004, 123, 351-360.	2.1	43
36	Application of the iPLEX TM Gold SNP genotyping method for the analysis of Amerindian ancient DNA samples: Benefits for ancient population studies. <i>Electrophoresis</i> , 2011, 32, 386-393.	2.4	42

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37	Population origins in Mongolia: Genetic structure analysis of ancient and modern DNA. <i>American Journal of Physical Anthropology</i> , 2006, 131, 272-281.	2.1	40
38	Paleogenetical study of pre-Columbian samples from Pampa Grande (Salta, Argentina). <i>American Journal of Physical Anthropology</i> , 2010, 141, 452-462.	2.1	36
39	Strong genetic admixture in the Altai at the Middle Bronze Age revealed by uniparental and ancestry informative markers. <i>Forensic Science International: Genetics</i> , 2014, 12, 199-207.	3.1	35
40	Genetic Analysis of a Scytho-Siberian Skeleton and Its Implications for Ancient Central Asian Migrations. <i>Human Biology</i> , 2004, 76, 109-125.	0.2	31
41	Novel contribution on the diagenetic physicochemical features of bone and teeth minerals, as substrates for ancient DNA typing. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4691-4704.	3.7	31
42	The ancient Yakuts: a population genetic enigma. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130385.	4.0	30
43	Ancient DNA analysis of human neolithic remains found in northeastern Siberia. <i>American Journal of Physical Anthropology</i> , 2005, 126, 458-462.	2.1	29
44	Detection and Quantification of the Age-Related Point Mutation A189G in the Human Mitochondrial DNA. <i>Journal of Forensic Sciences</i> , 2006, 51, 865-873.	1.6	29
45	Epidemiology of osteoarthritis and enthesopathies in a European population dating back 7700 years. <i>Joint Bone Spine</i> , 2002, 69, 580-588.	1.6	28
46	Tuberculosis Epidemiology and Selection in an Autochthonous Siberian Population from the 16th-19th Century. <i>PLoS ONE</i> , 2014, 9, e89877.	2.5	28
47	Mitochondrial DNA analysis of horses recovered from a frozen tomb (Berel site, Kazakhstan, 3rd c. BC). <i>Journal of Archaeological Science</i> , 2014, 51, 107-114.	1.7	27
48	Molecular Genetic Analysis of 400-Year-Old Human Remains Found in Two Yakut Burial Sites. <i>American Journal of Physical Anthropology</i> , 2006, 129, 55-63.	2.1	25
49	Uniparental (mtDNA, Y-chromosome) Polymorphisms in French Guiana and Two Related Populations: Implications for the Region's Colonization. <i>Annals of Human Genetics</i> , 2008, 72, 145-156.	0.8	24
50	Harris lines: A study of age-associated bias in counting and interpretation. <i>Journal of Forensic Sciences</i> , 1997, 103, 209-217.		23
51	Virtual and macroscopical studies of mummies: Differences or complementarity? Report of a natural frozen Siberian mummy. <i>Forensic Science International</i> , 2010, 200, e7-e13.	2.2	23
52	Virtual anthropology: useful radiological tools for age assessment in clinical forensic medicine and thanatology. <i>Radiologia Medica</i> , 2015, 120, 874-886.	7.7	23
53	Tracing intensive fish and meat consumption using Zn isotope ratios: evidence from a historical Breton population (Rennes, France). <i>Scientific Reports</i> , 2018, 8, 5077.	3.3	23
54	Spondylarthropathy striking prevalence in a 19th century Portuguese collection. <i>Joint Bone Spine</i> , 2006, 73, 303-310.	1.6	22

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55	Bone weight: new reference values based on a modern Portuguese identified skeletal collection. <i>International Journal of Osteoarchaeology</i> , 2009, 19, 628-641.	1.2	22
56	Study of dental caries and periapical lesions in a mediaeval population of the southwest France: Differences in visual and radiographic inspections. <i>HOMO- Journal of Comparative Human Biology</i> , 2010, 61, 359-372.	0.7	21
57	Children at the Convent: Comparing Historical Data, Morphology and DNA Extracted from Ancient Tissues for Sex Diagnosis at Santa Clara-a-Velha (Coimbra, Portugal). <i>Journal of Archaeological Science</i> , 2000, 27, 949-952.	2.4	20
58	Heterogeneous Hunter-Gatherer and Steppe-Related Ancestries in Late Neolithic and Bell Beaker Genomes from Present-Day France. <i>Current Biology</i> , 2021, 31, 1072-1083.e10.	3.9	20
59	Molecular Identification of Bacteria by Total Sequence Screening: Determining the Cause of Death in Ancient Human Subjects. <i>PLoS ONE</i> , 2011, 6, e21733.	2.5	19
60	Oral health status in historic population: Macroscopic and metagenomic evidence. <i>PLoS ONE</i> , 2018, 13, e0196482.	2.5	19
61	New genetic evidence of affinities and discontinuities between bronze age Siberian populations. <i>American Journal of Physical Anthropology</i> , 2018, 167, 97-107.	2.1	19
62	Genetic evidence suggests a sense of family, parity and conquest in the Xiongnu Iron Age nomads of Mongolia. <i>Human Genetics</i> , 2021, 140, 349-359.	3.8	19
63	Genetic analysis of human remains found in two eighteenth century Yakut graves at At-Dabaan. <i>International Journal of Legal Medicine</i> , 2004, 118, 24-31.	2.2	18
64	Detection of the A189G mtDNA heteroplasmic mutation in relation to age in modern and ancient bones. <i>International Journal of Legal Medicine</i> , 2009, 123, 161-167.	2.2	18
65	Multiple bone tuberculosis in a child from predynastic Upper Egypt (3200 BC). <i>International Journal of Osteoarchaeology</i> , 2010, 20, 719-730.	1.2	18
66	Social status in late medieval and early modern Brittany: insights from stable isotope analysis. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 823-837.	1.8	16
67	The man, the woman and the hyoid bone: from archaeology to the burial practices of the Xiongnu people (Egyin Gol valley, Mongolia). <i>Antiquity</i> , 2000, 74, 531-536.	1.0	15
68	Zinc isotope variations in archeological human teeth (Lapa do Santo, Brazil) reveal dietary transitions in childhood and no contamination from gloves. <i>PLoS ONE</i> , 2020, 15, e0232379.	2.5	15
69	Procedures and Frequencies of Embalming and Heart Extractions in Modern Period in Brittany. Contribution to the Evolution of Ritual Funerary in Europe. <i>PLoS ONE</i> , 2016, 11, e0167988.	2.5	14
70	Pathogeny of archaic mycobacteria at the emergence of urban life in Egypt (3400 bc). <i>Infection, Genetics and Evolution</i> , 2006, 6, 13-21.	2.3	13
71	Population genetics of 17 Y-chromosomal STR loci in Yakutia. <i>Forensic Science International: Genetics</i> , 2010, 4, e129-e130.	3.1	13
72	Ancestry of modern Europeans: contributions of ancient DNA. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2473-2487.	5.4	13

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73	Genetic Diversity of a Late Prehispanic Group of the Quebrada de Humahuaca, Northwestern Argentina. <i>Annals of Human Genetics</i> , 2014, 78, 367-380.	0.8	13
74	Old hearts for modern investigations: CT and MR for archaeological human hearts remains. <i>Forensic Science International</i> , 2016, 268, 14-24.	2.2	13
75	Genetic kinship and admixture in Iron Age Scytho-Siberians. <i>Human Genetics</i> , 2019, 138, 411-423.	3.8	13
76	Early Influence of the Steppe Tribes in the Peopling of Siberia. <i>Human Biology</i> , 2006, 78, 531-549.	0.2	12
77	Genetic studies in French Guiana populations: Synthesis. <i>American Journal of Physical Anthropology</i> , 2007, 132, 292-300.	2.1	12
78	First application of the Investigator DIPplex indels typing kit for the analysis of ancient DNA samples. <i>Forensic Science International: Genetics Supplement Series</i> , 2011, 3, e393-e394.	0.3	12
79	A Time Series of Prehistoric Mitochondrial DNA Reveals Western European Genetic Diversity Was Largely Established by the Bronze Age. <i>Advances in Anthropology</i> , 2012, 02, 14-23.	0.2	12
80	Plants and aromatics for embalming in Late Middle Ages and modern period: a synthesis of written sources and archaeobotanical data (France, Italy). <i>Vegetation History and Archaeobotany</i> , 2018, 27, 151-164.	2.1	12
81	French Guiana Amerindian demographic history as revealed by autosomal and Y-chromosome STRs. <i>Annals of Human Biology</i> , 2011, 38, 76-83.	1.0	10
82	An insight into the burial practices of the late pre-Hispanic Los Amarillos community (northwestern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.4	10
83	Funeral practices and animal sacrifices in Mongolia at the Uigur period: archaeological and ethno-historical study of akurganin the Egin Gol valley (Baikal region). <i>Antiquity</i> , 1996, 70, 891-899.	1.0	9
84	The posterior border of the sphenoid greater wing and its phylogenetic usefulness in human evolution. , 1998, 107, 387-399.		9
85	A Serological Survey About Zoonoses in the Verkhoyansk Area, Northeastern Siberia (Sakha Republic.) Tj ETQq1 1 0,784314 rgBT /Overlock 9	1.5	9
86	The genetics of kinship in remote human groups. <i>Forensic Science International: Genetics</i> , 2016, 25, 52-62.	3.1	9
87	Ã©pidÃ©miologie de l'arthrose et des enthÃ©sopathies dans une population europÃ©enne d'il y a 7Ã©700Ã©ans. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2002, 69, 1217-1225.	0.0	8
88	Hair morphology and anthropological applications. <i>American Journal of Human Biology</i> , 2006, 18, 861-864.	1.6	8
89	Inhumation and cremation in medieval Mongolia: analysis and analogy. <i>Antiquity</i> , 2006, 80, 894-905.	1.0	8
90	About 42% of 154 remains from the â€œBattle of Le Mansâ€, France (1793) belong to women and children: Morphological and genetic evidence. <i>Forensic Science International</i> , 2016, 262, 30-36.	2.2	8

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91	The last battle of Anne of Brittany: Solving mass grave through an interdisciplinary approach (paleopathology, biological anthropology, history, multiple isotopes and radiocarbon dating). PLoS ONE, 2021, 16, e0248086.	2.5	8
92	Population genetic dynamics in the French Guiana region. American Journal of Human Biology, 2009, 21, 113-117.	1.6	7
93	Detection of age-related duplications in mtDNA from human muscles and bones. International Journal of Legal Medicine, 2011, 125, 293-300.	2.2	7
94	Diagnostic value of high-resolution peripheral quantitative computed tomography (HR-pQCT) in the qualitative assessment of cribra orbitalia – A preliminary study. HOMO- Journal of Comparative Human Biology, 2015, 66, 38-43.	0.7	7
95	Technical note: A preliminary comparative study between classical and interventional radiological approaches for multi-phase post-mortem CT angiography. Forensic Science International, 2017, 271, 23-32.	2.2	7
96	Study of a seventeenth-century French artificial mummy: autopsical, native, and contrast-injected CT investigations. International Journal of Legal Medicine, 2018, 132, 1405-1413.	2.2	7
97	The antiquity of cranial surgery in Europe and in the Mediterranean basin. Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes =, 2001, 332, 417-423.	0.2	6
98	Does the Tat polymorphism originate in northern Mongolia?. International Congress Series, 2004, 1261, 325-327.	0.2	6
99	Herodotus, the Scythes and hookworm infection. Lancet, The, 2006, 367, 1520.	13.7	6
100	The genetic legacy of legendary and historical Siberian chieftains. Communications Biology, 2020, 3, 581.	4.4	6
101	The limitations of kinship determinations using STR data in ill-defined populations. International Journal of Legal Medicine, 2020, 134, 1981-1990.	2.2	6
102	Tracing back ancient south Siberian population history using mitochondrial and Y-chromosome SNPs. Forensic Science International: Genetics Supplement Series, 2008, 1, 343-345.	0.3	5
103	Seroepidemiology of Nine Zoonoses in Viljujsk, Republic of Sakha (Northeastern Siberia, Russian) Tj ETQq1 1 0.784314 rgBT /Overlock 1.5 5	1.5	5
104	A panorama of tooth wear during the medieval period. Anthropologischer Anzeiger, 2015, 72, 185-199.	0.4	5
105	Towards multi-phase postmortem CT angiography in children: a study on a porcine model. International Journal of Legal Medicine, 2018, 132, 1391-1403.	2.2	5
106	Pandemic-related excess mortality (COVID-19), public health measures and funerary rituals. EclinicalMedicine, 2020, 22, 100358.	7.1	5
107	HumanOS: an open source nomadic software database for physical anthropology and archaeology. Virtual Archaeology Review, 2020, 11, 94.	1.9	5
108	Sucrose Is Not the Whole Story: Risk Factors and Oral Health at the Contact (Yakutia,) Tj ETQq0 0 0 rgBT /Overlock 2.8 10 Tf 50 62 Td (Sibe 4	2.8	4

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109	Paleopathology of The Population of Krasnoyarsk, Central Siberia (Pokrovskiy and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Pd and Anthropology of Eurasia, 2013, 41, 140-150.	0.2	3
110	Close genetic relationships in vast territories: autosomal and X chromosome Alu diversity in Yakuts from Siberia. Anthropologischer Anzeiger, 2013, 70, 309-317.	0.4	3
111	History of Smallpox and Its Spread in Human Populations. , 0, , 161-172.		3
112	Persistence and Disappearance of Traditional Patrilocality. Sibirica, 2019, 18, 53-70.	0.1	3
113	A Roman "implant" reconsidered. Nature, 1998, 394, 534-534.	27.8	2
114	mtDNA variation in the Buryat population of the Barguzin Valley: New insights into the micro-evolutionary history of the Baikal area. Annals of Human Biology, 2010, 37, 501-523.	1.0	2
115	The antiquity of the spondyloarthritides: Presentation of one of the oldest Neolithic cases in Western Europe. International Journal of Paleopathology, 2019, 24, 229-235.	1.4	2
116	Health access inequities and magic medicine: the first ancient evidence?. Lancet, The, 2020, 395, 1343-1344.	13.7	2
117	3D Reconstruction and Geostatic Analysis of an Early Medieval Cemetery (Olonne-sur-Mer, France). Remote Sensing, 2021, 13, 1688.	4.0	2
118	Archaeology, genetics and history 15 years of research in Yakutia (2002"2017). Vestnik Archeologii, Antropologii i Etnografii, 2020, , 110-119.	0.3	2
119	Megaplex analysis of a Mongolian population from the Egyin Gol site (300 B.C."300 A.D.). International Congress Series, 2003, 1239, 581-584.	0.2	1
120	A serological survey of echinococcosis, toxocariasis and trichinellosis among rural inhabitants of Central Yakutia. International Journal of Circumpolar Health, 2019, 78, 1603550.	1.2	1
121	Diet of autochthonous populations in Yakutia using isotopic, ethnographic, historical and archaeological data. Journal of Archaeological Science: Reports, 2019, 28, 102022.	0.5	1
122	Representations of Paired Horse Heads in Yakut Art: Past and Present. Archaeology, Ethnology and Anthropology of Eurasia, 2016, 44, 91-101.	0.2	1
123	Avec ou sans hypoth"se? Qu"attendre de la pal"o"pid"miologie? Exemple " partir de l"tude d'un couvent breton des ordres mendiants. , 2019, , 145-158.		1
124	Des grottes pour cacher les morts et des dolmens pour les sacraliser. , 2021, , 21-38.		1
125	Hiding the dead in caves and sacralizing them in dolmens. , 2021, , 21-38.		1
126	Arch"ologie du handicap et in"galit"s sociales au couvent des Jacobins de Rennes (xiiiie-xviiiie"cles). Les Nouvelles De L'arch"ologie, 2021, , 56-61.	0.0	1

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127	Mitochondrial DNA analysis of ancient Yakut skeletons. International Congress Series, 2004, 1261, 392-394.	0.2	0
128	Use of SNPs for the study of ancient Mycobacterium tuberculosis genome: Validation of the strategy on modern DNA. Forensic Science International: Genetics Supplement Series, 2008, 1, 547-548.	0.3	0
129	A serological survey of zoonotic infections in Yakutia. Ā,kutskij Medicinskij Āurnal, 2021, , 13-16.	0.1	0
130	Ce que nous savons, ce que nous ne savons pas et ce que nous pouvons espérer savoir de lâ€™état sanitaire des sociétés du passé. , 2019, , 81-94.		0
131	At the Origins of Tobacco-Smoking and Tea Consumption in a Virgin Population (Yakutia, 1650â€“1900) Tj ETQq1 1 0.784314 rgBT /Ov 1271.	2.8	0