

AssumpciÃ³ Malgosa Malgosa

List of Publications by Year in descending order

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101
papers

1,835
citations

257450

24
h-index

302126

39
g-index

104
all docs

104
docs citations

104
times ranked

1655
citing authors

#	ARTICLE	IF	CITATIONS
1	Using the Acetabulum to Estimate Age at Death of Adult Males*. Journal of Forensic Sciences, 2006, 51, 213-229.	1.6	95
2	A new calibration of the XRD technique for the study of archaeological burned human remains. Journal of Archaeological Science, 2008, 35, 2171-2178.	2.4	95
3	Sex assessment on the basis of long bone circumference. American Journal of Physical Anthropology, 2000, 113, 317-328.	2.1	80
4	Development of the femur – Implications for age and sex determination. Forensic Science International, 2008, 180, 1-9.	2.2	79
5	A multi-technique approach by XRD, XRF, FT-IR to characterize the diagenesis of dinosaur bones from Spain. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 310, 92-107.	2.3	79
6	Ilium growth study: applicability in sex and age diagnosis. Forensic Science International, 2005, 147, 165-174.	2.2	68
7	Estimation of Age-at-Death for Adult Males Using the Acetabulum, Applied to Four Western European Populations. Journal of Forensic Sciences, 2007, 52, 774-778.	1.6	66
8	An X-ray Diffraction (XRD) and X-ray Fluorescence (XRF) investigation in human and animal fossil bones from Holocene to Middle Triassic. Journal of Archaeological Science, 2009, 36, 1857-1868.	2.4	65
9	Sex and age diagnosis by ischium morphometric analysis. Forensic Science International, 2003, 135, 188-196.	2.2	60
10	The Potential of X-ray Diffraction in the Analysis of Burned Remains from Forensic Contexts*. Journal of Forensic Sciences, 2009, 54, 534-539.	1.6	60
11	Is X-ray diffraction able to distinguish between animal and human bones?. Journal of Archaeological Science, 2013, 40, 778-785.	2.4	55
12	The warriors of the steppes: osteological evidence of warfare and violence from Pazyryk tumuli in the Mongolian Altai. Journal of Archaeological Science, 2009, 36, 1319-1327.	2.4	47
13	Looking into the demography of an Iron Age population in the Western Mediterranean. I. Mortality. American Journal of Physical Anthropology, 1999, 110, 285-301.	2.1	46
14	Pubis growth study: Applicability in sexual and age diagnostic. Forensic Science International, 2007, 173, 137-145.	2.2	43
15	Tracing the Origin of the East-West Population Admixture in the Altai Region (Central Asia). PLoS ONE, 2012, 7, e48904.	2.5	42
16	Authenticating Ancient Human Mitochondrial DNA. Human Biology, 2001, 73, 689-713.	0.2	41
17	Understanding the Crystallinity Indices Behavior of Burned Bones and Teeth by ATR-IR and XRD in the Presence of Bioapatite Mixed with Other Phosphate and Carbonate Phases. International Journal of Spectroscopy, 2016, 2016, 1-9.	1.6	41
18	An ovarian teratoma of late Roman age. International Journal of Paleopathology, 2012, 2, 236-239.	1.4	38

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19	A dystocic childbirth in the Spanish Bronze Age. <i>International Journal of Osteoarchaeology</i> , 2004, 14, 98-103.	1.2	32
20	DNA sequences of <i>Mycobacterium lepra</i> recovered from ancient bones. <i>FEMS Microbiology Letters</i> , 2003, 226, 413-414.	1.8	30
21	The presence of nuclear families in prehistoric collective burials revisited: The bronze age burial of montanissell cave (Spain) in the light of aDNA. <i>American Journal of Physical Anthropology</i> , 2011, 146, 406-413.	2.1	30
22	Neonate Human Remains: A Window of Opportunity to the Molecular Study of Ancient Syphilis. <i>PLoS ONE</i> , 2012, 7, e36371.	2.5	28
23	Determination of Human European Mitochondrial DNA Haplogroups by Means of a Hierarchical Approach. <i>Human Biology</i> , 2004, 76, 431-453.	0.2	27
24	Ferns as healing plants in medieval Mallorca, Spain? Evidence from human dental calculus. <i>International Journal of Osteoarchaeology</i> , 2019, 29, 82-90.	1.2	26
25	Taphonomical study of the anthropological remains from Cova Des Pas (Minorca). <i>Quaternary International</i> , 2012, 275, 112-119.	1.5	22
26	An assessment of a massively parallel sequencing approach for the identification of individuals from mass graves of the Spanish Civil War (1936â€“1939). <i>Electrophoresis</i> , 2016, 37, 2841-2847.	2.4	21
27	Mechanical morphogenesis: A concept applied to the surface of the radius. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 794-805.	2.0	20
28	Genetic Evidence Supports the Multiethnic Character of Teopancazco, a Neighborhood Center of Teotihuacan, Mexico (AD 200-600). <i>PLoS ONE</i> , 2015, 10, e0132371.	2.5	20
29	A Paleoneurohistological Study of 3,000-Year-Old Mummified Brain Tissue from the Mediterranean Bronze Age. <i>Pathobiology</i> , 2012, 79, 239-246.	3.8	19
30	Biomechanical model of pronation efficiency: New insight into skeletal adaptation of the hominoid upper limb. <i>American Journal of Physical Anthropology</i> , 2008, 135, 293-300.	2.1	18
31	A new species of <i>Pliopithecus</i> Gervais, 1849 (Primates: Pliopithecidae) from the Middle Miocene (MN8) of Abocador de Can Mata (els Hostalets de Pierola, Catalonia, Spain). <i>American Journal of Physical Anthropology</i> , 2010, 141, 52-75.	2.1	18
32	A structural approach in the study of bones: fossil and burnt bones at nanosize scale. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	18
33	New insights in the analysis of blunt force trauma in human bones. Preliminary results. <i>International Journal of Legal Medicine</i> , 2017, 131, 867-875.	2.2	16
34	Bifid mandibular condyle: archaeological case report of a rare anomaly. <i>Dentomaxillofacial Radiology</i> , 2004, 33, 278-281.	2.7	15
35	Cremation practices coexisting at the Sâ€™mllot des Porros Necropolis during the Second Iron Age in the Balearic Islands (Spain). <i>HOMO- Journal of Comparative Human Biology</i> , 2010, 61, 440-452.	0.7	15
36	A funerary rite study of the Phoenicianâ€“Punic necropolis of Mount Sirai (Sardinia, Italy). <i>International Journal of Osteoarchaeology</i> , 2010, 20, 144-157.	1.2	15

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37	Enthesal Changes and Functional Implications of the Humeral Medial Epicondyle. <i>International Journal of Osteoarchaeology</i> , 2013, 23, 211-220.	1.2	14
38	¹²⁵ I- ³² P-Tricalcium Phosphate Interferes with the Assessment of Crystallinity in Burned Skeletal Remains. <i>Journal of Spectroscopy</i> , 2018, 2018, 1-10.	1.3	14
39	Biomechanics of Forearm Rotation: Force and Efficiency of Pronator Teres. <i>PLoS ONE</i> , 2014, 9, e90319.	2.5	14
40	Clay-shoveler's fracture: an uncommon diagnosis in palaeopathology. <i>International Journal of Osteoarchaeology</i> , 2006, 16, 366-372.	1.2	12
41	A case of semi-combusted pregnant female in the Phoenician-Punic necropolis of Monte Sirai (Carbonia, Sardinia, Italy). <i>HOMO- Journal of Comparative Human Biology</i> , 2016, 67, 50-64.	0.7	12
42	Report on a Stafne Defect in a Man From Medieval Age. <i>Journal of Oral and Maxillofacial Surgery</i> , 2007, 65, 556-559.	1.2	11
43	Technical note: Forearm pronation efficiency analysis in skeletal remains. <i>American Journal of Physical Anthropology</i> , 2009, 140, 589-594.	2.1	11
44	Lost in transition: the dietary shifts from Late Antiquity to the Early Middle Ages in the North Eastern Iberian Peninsula. <i>Archaeological and Anthropological Sciences</i> , 2019, 11, 3751-3763.	1.8	11
45	Anthropological and physicochemical investigation of the burnt remains of Tomb IX in the "Sa Figu" hypogeal necropolis (Sassari, Italy) - Early Bronze Age. <i>International Journal of Osteoarchaeology</i> , 2008, 18, 167-177.	1.2	10
46	Functional implications of radial diaphyseal curvature. <i>American Journal of Physical Anthropology</i> , 2009, 138, 286-292.	2.1	10
47	Human soft tissue preservation in the Cova des Pas site (Minorca Bronze Age). <i>Journal of Archaeological Science</i> , 2013, 40, 4701-4710.	2.4	10
48	Functional plasticity of the human humerus: Shape, rigidity, and muscular entheses. <i>American Journal of Physical Anthropology</i> , 2013, 150, 609-617.	2.1	10
49	A Unique Case of Prone Position in the Primary Cremation Tomb 252 of Monte Sirai Necropolis (Carbonia, Sardinia, Italy). <i>International Journal of Osteoarchaeology</i> , 2015, 25, 146-159.	1.2	8
50	Intra vitam trauma pattern: changing the paradigm of forensic anthropology?. <i>International Journal of Legal Medicine</i> , 2019, 133, 661-668.	2.2	8
51	Human DNA extraction from highly degraded skeletal remains: How to find a suitable method?. <i>Electrophoresis</i> , 2020, 41, 2149-2158.	2.4	8
52	Who painted that? The authorship of Schematic rock art at the Los Machos rockshelter in southern Iberia. <i>Antiquity</i> , 2020, 94, 1133-1151.	1.0	8
53	Cystic Mandibular Lesion in the Antiquity. A Rare Finding. <i>International Journal of Osteoarchaeology</i> , 2013, 23, 319-323.	1.2	7
54	Unilateral Cholesteatoma in the First Millennium BC. <i>Otology and Neurotology</i> , 2014, 35, 561-564.	1.3	7

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55	Estudio tafonÃ³mico e interpretaciÃ³n del gesto funerario de los restos Ã³seos de la Cova de Montanissell (Alt Urgell, Lleida). <i>Trabajos De Prehistoria</i> , 2014, 71, 156-172.	0.7	7
56	Positioning of the Autochthonous Aran Valley Population among Basque and Pyrenean People by Means of ABO, Rh (D) and Duffy Blood Group Determinations. <i>Human Heredity</i> , 1993, 43, 265-271.	0.8	6
57	3D Analysis of the Forearm Rotational Efficiency Variation in Humans. <i>Anatomical Record</i> , 2012, 295, 1092-1100.	1.4	6
58	Case Report: Floating-clavicle from the 17th Century: The Oldest Case?. <i>Clinical Orthopaedics and Related Research</i> , 2012, 470, 622-625.	1.5	6
59	XRF investigation on skeletal remains from King Peter III of Aragon (1239â€“1285 A.D.) and Queen Blanche of Anjou (1280â€“1310 A.D.). <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 647-653.	2.3	6
60	Dissecting mitochondrial dna variability of balearic populations from the bronze age to the current era. <i>American Journal of Human Biology</i> , 2017, 29, e22883.	1.6	6
61	Perimortem fracture pattern in ribs by blunt force trauma. <i>International Journal of Legal Medicine</i> , 2018, 132, 1205-1213.	2.2	6
62	Sex selection in late Iberian infant burials: Integrating evidence from morphological and genetic data. <i>American Journal of Human Biology</i> , 2019, 31, e23204.	1.6	6
63	Massive tarsal ankylosis in a prehistoric skeleton. <i>Foot and Ankle Surgery</i> , 2000, 6, 239-247.	1.7	5
64	Interpreting diachronic osteological variation at the medieval necropolis of the Sant Pere Churches (Terrassa, Spain). <i>International Journal of Osteoarchaeology</i> , 2010, 20, 670-692.	1.2	5
65	Comparison of two DNA extraction methods in a Spanish Bronze Age burial cave. <i>Quaternary International</i> , 2012, 247, 358-362.	1.5	5
66	The use of ultraviolet light to reveal and enhance burned areas on human bone. <i>Forensic Science, Medicine, and Pathology</i> , 2015, 11, 618-621.	1.4	5
67	The study of dental occlusion in ancient skeletal remains from Mallorca (Spain): A new approach based on dental clinical practice. <i>HOMO- Journal of Comparative Human Biology</i> , 2017, 68, 157-166.	0.7	5
68	Molecular analysis of ancient caries. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140586.	2.6	4
69	Analysis of the forearm rotational efficiency in extant hominoids: New insights into the functional implications of upper limb skeletal structure. <i>Journal of Human Evolution</i> , 2014, 76, 165-176.	2.6	4
70	Optimizing specimen processing for ancient soft tissue specimens. <i>Biotechnic and Histochemistry</i> , 2015, 90, 278-287.	1.3	4
71	Exhumaciones de los restos humanos no reclamados como modelo tafonÃ³mico. <i>Revista Espanola De Medicina Legal</i> , 2015, 41, 53-57.	0.1	4
72	Sex estimation from the navicular bone in Spanish contemporary skeletal collections. <i>Forensic Science International</i> , 2016, 267, 229.e1-229.e6.	2.2	4

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73	El artesano de La Canal dels Avellaners (Edad de Bronce, Barcelona): anÀlisis de huellas dactilares. Trabajos De Prehistoria, 2016, 73, 147-159.	0.7	4
74	Morphology of the facets of the proximal Tarsi bones from an ancient population. International Journal of Anthropology, 1993, 8, 213-220.	0.1	3
75	Where do those remains come from?. Forensic Science International, 2014, 245, e18-e24.	2.2	3
76	Antracosis en una momia Copta. Archivos De Bronconeumologia, 2014, 50, 368-369.	0.8	3
77	Activity-related sexual dimorphism in Alaskan foragers from Point Hope: Evidences from the upper limb. Anthropologischer Anzeiger, 2015, 72, 473-489.	0.4	3
78	Pathological variations in mummified feet between two near-distance/long-time populations in Ancient Egypt. Journal of Foot and Ankle Research, 2015, 8, 58.	1.9	3
79	The population of Can Reiners. Demography and life conditions on Mallorca (Balearic Islands, Spain) during the Middle Ages. Journal of Archaeological Science: Reports, 2017, 15, 120-131.	0.5	3
80	Massive colonization of human remains by the microscopic fungus Scopulariopsis brevicaulis Bainier. International Biodeterioration and Biodegradation, 2018, 135, 90-95.	3.9	3
81	Taphonomy of experimental burials in Taphos-m: The role of fungi. Revista Iberoamericana De Micologia, 2021, 38, 125-131.	0.9	3
82	Las necrópolis protohistóricas tumulares de Cataluña meridional: el ejemplo de Sebes (Flix.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.7	3
83	La Menorca talayótica desde el punto de vista genético: la necrópolis de la Cova des Pas. Trabajos De Prehistoria, 2016, 73, 335.	0.7	3
84	Sampling bias in studies of dentoalveolar pathology in past human populations. Human Evolution, 1993, 8, 101-110.	2.0	2
85	Oldest sagittal cleft vertebra. Spine Journal, 2014, 14, 3056-3057.	1.3	2
86	Hip Dislocation and Dystocia in Early Medieval Times. Obstetrics and Gynecology, 2016, 128, 1384-1387.	2.4	2
87	Visualization and documentation of perimortem traits in long bone fractures using computed tomography. Forensic Science, Medicine, and Pathology, 2020, 16, 281-286.	1.4	2
88	Trace element contents in the bone as an age and sex indicator. A case study of the necropolis of S'illot des Porros (Spain). International Journal of Anthropology, 1992, 7, 65-70.	0.1	1
89	Antracosis in a Coptic Mummy. Archivos De Bronconeumologia, 2014, 50, 368-369.	0.8	1
90	The taphonomic effects comparison in two empty space burial structures. Spanish Journal of Legal Medicine, 2016, 42, 98-104.	0.2	1

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91	Forearm pronation efficiency in A.L. 288â€¹ (<i>Australopithecus afarensis</i>) and MH2 (<i>Australopithecus sediba</i>): Insights into their locomotor and manipulative habits. <i>American Journal of Physical Anthropology</i> , 2017, 164, 788-800.	2.1	1
92	Oldest Mummified Case of Hallux Valgus from Ancient Egypt. <i>Journal of the American Podiatric Medical Association</i> , 2017, 107, 261-263.	0.3	1
93	A case of enchondroma from Carolingian necropolis of St. Pere De Terrassa (Spain): An insight into the archaeological record. <i>International Journal of Paleopathology</i> , 2018, 20, 85-89.	1.4	1
94	Assessing DNA recovery from highly degraded skeletal remains by using silica-based extraction methods. <i>Forensic Science International: Genetics Supplement Series</i> , 2019, 7, 810-812.	0.3	1
95	Black cracks: staining of fracture lines. <i>Forensic Science, Medicine, and Pathology</i> , 2017, 13, 379-382.	1.4	1
96	Morphological and Biomechanical Implications of Cuboid Facet of the Navicular Bone in the Gait. <i>International Journal of Morphology</i> , 2019, 37, 1397-1403.	0.2	1
97	Alkaline earth metal content of human bones at the site of Â«S'illot des PorrosÂ» (Iron age, Mallorca,) Tj ETQq1 1 0,784314 rgBT /Overl	0,1	0
98	Mummification of the Lower Urinary System in a Coptic Individual from Ancient Egypt. <i>European Urology</i> , 2014, 66, 393-394.	1.9	0
99	Tumors in recent Prehistory. Contributions from Cova des Pas (Menorca Island). <i>GynÃ©cologie, ObstÃ©trique & FertilitÃ©</i> , 2016, 44, 724-726.	0.7	0
100	Pathological and normal variability of foot bones in osteological collections from Catalonia (Spain) and Lazio (Italy). <i>International Journal of Osteoarchaeology</i> , 2022, 32, 215-228.	1.2	0
101	A structural approach in the study of bones: fossil and burnt bones at nanosize scale. , 2017, , 67-78.		0