

# Inmaculada Alemán Aguilera

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

805  
citations

516561

16  
h-index

526166

27  
g-index

48  
all docs

48  
docs citations

48  
times ranked

850  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age estimation by pulp/tooth ratio in lower premolars by orthopantomography. <i>Forensic Science International</i> , 2012, 214, 105-112.	1.3	92
2	Forensic Age Estimation on Digital X-ray Images: Medial Epiphyses of the Clavicle and First Rib Ossification in Relation to Chronological Age*. <i>Journal of Forensic Sciences</i> , 2011, 56, S3-12.	0.9	67
3	Sex estimation based on deciduous and permanent dentition in a contemporary spanish population. <i>American Journal of Physical Anthropology</i> , 2013, 152, 31-43.	2.1	61
4	Brief communication: The Granada osteological collection of identified infants and young children. <i>American Journal of Physical Anthropology</i> , 2012, 149, 606-610.	2.1	58
5	Forensic identification by computer-aided craniofacial superimposition. <i>ACM Computing Surveys</i> , 2011, 43, 1-27.	16.1	54
6	Boiled versus unboiled: a study on Neolithic and contemporary human bones. <i>Journal of Archaeological Science</i> , 2011, 38, 2561-2570.	1.2	36
7	Morphometric sex estimation from 3D computed tomography os coxae model and its validation in skeletal remains. <i>International Journal of Legal Medicine</i> , 2014, 128, 879-888.	1.2	33
8	Odontometric sex discrimination in the herculaneum sample (79 AD, Naples, Italy), with application to juveniles. <i>American Journal of Physical Anthropology</i> , 2011, 145, 97-106.	2.1	31
9	Age estimation by tooth/pulp ratio in canines by peri-apical X-rays: reliability in age determination of Spanish and Italian medieval skeletal remains. <i>Journal of Archaeological Science</i> , 2010, 37, 3048-3058.	1.2	27
10	Evaluation of the maximum length of deciduous teeth for estimation of the age of infants and young children: proposal of new regression formulas. <i>International Journal of Legal Medicine</i> , 2014, 128, 345-352.	1.2	25
11	Sexual dimorphism of human sternum in a contemporary spanish population. <i>Forensic Science International</i> , 2014, 244, 313.e1-313.e9.	1.3	25
12	Age-at-Death Estimation by Pulp/Tooth Area Ratio in Canines: Study of a 20th-Century Mexican Sample of Prisoners to Test Cameriere's Method. <i>Journal of Forensic Sciences</i> , 2011, 56, 1302-1309.	0.9	23
13	Sex assessment from the carpals bones: Discriminant function analysis in a 20th century Spanish sample. <i>Forensic Science International</i> , 2011, 206, 216.e1-216.e10.	1.3	23
14	Sexual Dimorphism in the 7th Cervical and 12th Thoracic Vertebrae from a Mediterranean Population. <i>Journal of Forensic Sciences</i> , 2014, 59, 301-305.	0.9	22
15	Validation of the sex estimation method elaborated by Schutkowski in the Granada Osteological Collection of identified infant and young children: Analysis of the controversy between the different ways of analyzing and interpreting the results. <i>International Journal of Legal Medicine</i> , 2016, 130, 1623-1632.	1.2	22
16	Changes in human bones boiled in seawater. <i>Journal of Archaeological Science</i> , 2012, 39, 1072-1079.	1.2	21
17	Sexual dimorphism of the first deciduous molar: A geometric morphometric approach. <i>Forensic Science International</i> , 2018, 290, 94-102.	1.3	18
18	Estimation of Purkait's triangle method and alternative models for sex assessment from the proximal femur in the Spanish population. <i>International Journal of Legal Medicine</i> , 2016, 130, 245-251.	1.2	14

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19	Specific-age group sex estimation of infants through geometric morphometrics analysis of pubis and ischium. <i>Forensic Science International</i> , 2018, 286, 185-192.	1.3	14
20	Chronology of the development of the deciduous dentition in Mediterranean population. <i>Forensic Science International</i> , 2014, 240, 95-103.	1.3	12
21	Proposal of new regression formulae for the estimation of age in infant skeletal remains from the metric study of the pars basilaris. <i>International Journal of Legal Medicine</i> , 2017, 131, 781-788.	1.2	11
22	Sex determination in a Spanish population based on sacrum. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2018, 60, 45-49.	0.5	11
23	Craniofacial Superimposition in Forensic Identification using Genetic Algorithms. , 2007, , .		10
24	Sex estimation of infants through geometric morphometric analysis of the ilium. <i>International Journal of Legal Medicine</i> , 2017, 131, 1747-1756.	1.2	10
25	Estimation of 2D to 3D dimensions and proportionality indices for facial examination. <i>Forensic Science International</i> , 2018, 287, 142-152.	1.3	10
26	Possible interpersonal violence in the Neolithic necropolis of Campo de Hockey (San Fernando, Cádiz,) Tj ETQq0 0 0 rgBT /Overlock 10	0.8	10
27	Morphometric research and sex estimation of lumbar vertebrae in a contemporary Spanish population. <i>Forensic Science, Medicine, and Pathology</i> , 2020, 16, 216-225.	0.6	10
28	Image analysis of pubic bone for sex determination in a computed tomography sample. <i>International Journal of Legal Medicine</i> , 2013, 127, 1145-1155.	1.2	9
29	Age Estimation of Infants Through Metric Analysis of Developing Anterior Deciduous Teeth. <i>Journal of Forensic Sciences</i> , 2018, 63, 20-30.	0.9	7
30	Applicability of a pre-established set of facial proportions from frontal photographs in forensic age estimation of a Brazilian population. <i>Forensic Science International</i> , 2019, 301, e1-e7.	1.3	6
31	Alterations of skull bones found in anencephalic skeletons from an identified osteological collection. Two case reports. <i>International Journal of Legal Medicine</i> , 2015, 129, 903-912.	1.2	5
32	On porosity of archeological bones II. Textural characterization of Mesoamerican human bones. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 493-499.	1.0	4
33	Discriminant functions for sex estimation using the rib necks in a Spanish population. <i>International Journal of Legal Medicine</i> , 2021, 135, 1055-1065.	1.2	4
34	On porosity of archeological bones I " Textural characterization of pathological Spanish medieval human bones. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 486-492.	1.0	3
35	Perimortem fractures in the osteological collection of Aljubarrota (Portugal). <i>Journal of Anthropological Archaeology</i> , 2015, 40, 82-88.	0.7	3
36	Validation methods of Fazekas and Ká3sa and Molleson and Cox for age estimation of the ilium in Western Mediterranean non-adult population: proposal of new regression formulas. <i>International Journal of Legal Medicine</i> , 2017, 131, 789-795.	1.2	3

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37	A first approach to a fuzzy classification system for age estimation based on the pubic bone. , 2017, , .		2
38	Sexual dimorphism of the maxillary postcanine dentition: A geometric morphometric analysis. HOMO- Journal of Comparative Human Biology, 2020, 71, 259-271.	0.3	2
39	Smile photograph analysis and its connection with focal length as one of identification methods in forensic anthropology and odontology. Forensic Science International, 2022, 335, 111285.	1.3	2
40	Fracture of the odontoid process in a male individual from the medieval necropolis of Maro (Málaga), Tj ETQq0 0 0.rgBT /Overlock 10 Tf	0.8	1
41	The necropolis of Maro (Málaga, Spain): an anthropological study. Archaeological and Anthropological Sciences, 2020, 12, 1.	0.7	1
42	Correlation of the human pubic symphysis surface with age-at-death: a novel quantitative method based on a bandpass filter. International Journal of Legal Medicine, 2021, 135, 1935-1944.	1.2	1
43	Comparison of cranial sex determination by discriminant analysis and logistic regression. Anthropologischer Anzeiger, 2016, 73, 207-214.	0.2	1
44	Macroscopic dental enamel hypoplasia in deciduous teeth: health conditions and socio-economic status in nineteenth- to twentieth-century Granada, Spain. Archaeological and Anthropological Sciences, 2022, 14, 1.	0.7	1
45	Ontogeny of morphological variations in the vertebral column: Prevalence and bony variability in young Spanish children. Annals of Anatomy, 2022, 240, 151888.	1.0	0