

Maryna Steyn

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

126
papers

2,511
citations

25
h-index

46
g-index

132
ext. papers

2,919
ext. citations

2.3
avg, IF

5.31
L-index

#	Paper	IF	Citations
126	Southern African ancient genomes estimate modern human divergence to 350,000 to 260,000 years ago. <i>Science</i> , 2017 , 358, 652-655	33.3	223
125	Sexual dimorphism in the crania and mandibles of South African whites. <i>Forensic Science International</i> , 1998 , 98, 9-16	2.6	202
124	Sex determination from the femur and tibia in South African whites. <i>Forensic Science International</i> , 1997 , 90, 111-9	2.6	167
123	Osteometric variation in the humerus: sexual dimorphism in South Africans. <i>Forensic Science International</i> , 1999 , 106, 77-85	2.6	135
122	Metric analysis of sex differences in South African black and white pelvises. <i>Forensic Science International</i> , 2005 , 147, 119-27	2.6	102
121	Investigation into the usability of geometric morphometric analysis in assessment of sexual dimorphism. <i>American Journal of Physical Anthropology</i> , 2006 , 129, 64-70	2.5	84
120	Sexually dimorphic pelvic morphology in South African whites and blacks. <i>HOMO- Journal of Comparative Human Biology</i> , 2003 , 53, 255-62	0.5	84
119	Metric sex determination from the pelvis in modern Greeks. <i>Forensic Science International</i> , 2008 , 179, 86.e1-6	2.6	83
118	The effect of body size on the rate of decomposition in a temperate region of South Africa. <i>Forensic Science International</i> , 2013 , 231, 257-62	2.6	71
117	Craniometric determination of population affinity in South Africans. <i>International Journal of Legal Medicine</i> , 1999 , 112, 91-7	3.1	71
116	Geometric morphometric analysis of the greater sciatic notch in South Africans. <i>HOMO- Journal of Comparative Human Biology</i> , 2004 , 54, 197-206	0.5	63
115	Metric assessment of race from the pelvis in South Africans. <i>Forensic Science International</i> , 2002 , 127, 104-13	2.6	49
114	Osteometric sex determination from the pelvis--does population specificity matter?. <i>Forensic Science International</i> , 2009 , 191, 113.e1-5	2.6	47
113	Age Estimation from Sternal Ends of Ribs by Phase Analysis in South African Blacks. <i>Journal of Forensic Sciences</i> , 2000 , 45, 14831J	1.8	47
112	Geometric morphometric analysis of mandibular ramus flexure. <i>American Journal of Physical Anthropology</i> , 2005 , 128, 623-9	2.5	46
111	Facial reconstruction: soft tissue thickness values for South African black females. <i>Forensic Science International</i> , 2011 , 206, 215.e1-7	2.6	44
110	Photo identification: facial metrical and morphological features in South African males. <i>Forensic Science International</i> , 2008 , 177, 168-75	2.6	43

109	Estimating the postmortem interval (PMI) using accumulated degree-days (ADD) in a temperate region of South Africa. <i>Forensic Science International</i> , 2013 , 229, 165.e1-6	2.6	40
108	Scoring of Decomposition: A Proposed Amendment to the Method When Using a Pig Model for Human Studies. <i>Journal of Forensic Sciences</i> , 2017 , 62, 986-993	1.8	36
107	Trends in cranial capacity and cranial index in Subsaharan Africa during the Holocene. <i>American Journal of Human Biology</i> , 1993 , 5, 473-479	2.7	33
106	Assessing Post-traumatic Time Interval in Human Dry Bone. <i>International Journal of Osteoarchaeology</i> , 2015 , 25, 98-109	1.1	32
105	A histomorphological analysis of human and non-human femora. <i>International Journal of Legal Medicine</i> , 2014 , 128, 369-77	3.1	29
104	Geometric morphometric analysis of the use of mandibular gonial eversion in sex determination. <i>HOMO- Journal of Comparative Human Biology</i> , 2009 , 60, 29-43	0.5	28
103	An investigation into the accuracy and reliability of skull-photo superimposition in a South African sample. <i>Forensic Science International</i> , 2012 , 216, 198.e1-6	2.6	26
102	Earliest hominin cancer: 1.7-million-year-old osteosarcoma from Swartkrans Cave, South Africa. <i>South African Journal of Science</i> , 2016 , Volume 112,	1.3	26
101	The evaluation of age-related histomorphometric variables in a cadaver sample of lower socioeconomic status: implications for estimating age at death. <i>Forensic Science International</i> , 2009 , 191, 114.e1-6	2.6	25
100	Interpretation of ante-mortem stature estimates in South Africans. <i>Forensic Science International</i> , 2007 , 171, 97-102	2.6	25
99	Nonmetric sex determination from the distal and posterior humerus in black and white South Africans. <i>Journal of Forensic Sciences</i> , 2011 , 56, 710-4	1.8	24
98	Skeletal growth of children from the Iron Age site at K2 (South Africa). <i>American Journal of Physical Anthropology</i> , 1996 , 100, 389-96	2.5	24
97	Dental health of 19th century migrant mineworkers from Kimberley, South Africa. <i>International Journal of Osteoarchaeology</i> , 2011 , 21, 379-390	1.1	22
96	Diffuse idiopathic skeletal hyperostosis: Diagnostic, clinical, and paleopathological considerations. <i>Clinical Anatomy</i> , 2016 , 29, 870-7	2.5	21
95	Paleoparasitological analysis of coprolites from K2, an Iron Age archaeological site in South Africa: the first finding of <i>Dicrocoelium</i> sp. eggs. <i>Journal of Parasitology</i> , 2004 , 90, 171-3	0.9	20
94	Assessment of skeletal changes after post-mortem exposure to fire as an indicator of decomposition stage. <i>Forensic Science International</i> , 2015 , 246, 17-24	2.6	19
93	Soft tissue thickness values for black and coloured South African children aged 6-13 years. <i>Forensic Science International</i> , 2015 , 252, 188.e1-10	2.6	18
92	A geometric morphometric study into the sexual dimorphism of the human scapula. <i>HOMO- Journal of Comparative Human Biology</i> , 2010 , 61, 253-70	0.5	18

91	Estimating age and the probability of being at least 18 years of age using third molars: a comparison between Black and White individuals living in South Africa. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1437-1446	3.1	17
90	The influence of age, sex, population group, and dentition on the mandibular angle as measured on a South African sample. <i>American Journal of Physical Anthropology</i> , 2009 , 139, 505-11	2.5	17
89	Preliminary report on the paleodemography of the K2 and Mapungubwe populations (South Africa). <i>Human Biology</i> , 1994 , 66, 105-20	1.2	17
88	The changing face of tuberculosis: trends in tuberculosis-associated skeletal changes. <i>Tuberculosis</i> , 2013 , 93, 467-74	2.6	16
87	A test of the Lamendin method of age estimation in South African canines. <i>Forensic Science International</i> , 2014 , 236, 192.e1-6	2.6	14
86	Cranial trauma and the assessment of posttraumatic survival time. <i>Forensic Science International</i> , 2014 , 244, e25-9	2.6	14
85	A Reassessment of the Human Skeletons from K2 and Mapungubwe (South Africa). <i>South African Archaeological Bulletin</i> , 1997 , 52, 14		14
84	Validation of transition analysis as a method of adult age estimation in a modern South African sample. <i>Forensic Science International</i> , 2016 , 266, 580.e1-580.e7	2.6	13
83	Strengthening the role of forensic anthropology in personal identification: Position statement by the Board of the Forensic Anthropology Society of Europe (FASE). <i>Forensic Science International</i> , 2020 , 315, 110456	2.6	13
82	The Establishment and Advancement of Forensic Anthropology in South Africa	626-638	12
81	The Status of Forensic Anthropology in Europe and South Africa: Results of the 2016 FASE Questionnaire on Forensic Anthropology. <i>Journal of Forensic Sciences</i> , 2019 , 64, 1017-1025	1.8	11
80	Analysis of ante mortem trauma in three modern skeletal populations. <i>International Journal of Osteoarchaeology</i> , 2010 , 20, 561-571	1.1	11
79	A comparison between pre- and post-colonial health in the northern parts of South Africa, a preliminary study. <i>World Archaeology</i> , 2003 , 35, 276-288	1.4	11
78	Decomposition patterns of buried remains at different intervals in the Central Highveld region of South Africa. <i>Medicine, Science and the Law</i> , 2017 , 57, 115-123	1.1	10
77	Study on the criteria for assessing skull-face correspondence in craniofacial superimposition. <i>Legal Medicine</i> , 2016 , 23, 59-70	1.9	10
76	Skeletal manifestations of tuberculosis in modern human remains. <i>Clinical Anatomy</i> , 2016 , 29, 854-61	2.5	9
75	Geometric morphometric assessment of sexually dimorphic characteristics of the distal humerus. <i>HOMO- Journal of Comparative Human Biology</i> , 2013 , 64, 329-40	0.5	9
74	An assessment of the health status and physical characteristics of an early 20th century community a + Maroelabult in the north west province, South Africa. <i>HOMO- Journal of Comparative Human Biology</i> , 2002 , 53, 131-45	0.5	9

73	Muti murders from South Africa: a case report. <i>Forensic Science International</i> , 2005 , 151, 279-87	2.6	9
72	Late Iron Age Gold Burials from Thulamela (Pafuri Region, Kruger National Park). <i>South African Archaeological Bulletin</i> , 1998 , 53, 73		9
71	An Infant Grave from K2 (Greefswald). <i>South African Archaeological Bulletin</i> , 1999 , 54, 102		9
70	Pre-Columbian Presence of Treponemal Disease: A Possible Case from Iron Age Southern Africa. <i>Current Anthropology</i> , 1995 , 36, 869-873	2.1	9
69	Osteogenic tumour in Australopithecus sediba: Earliest hominin evidence for neoplastic disease. <i>South African Journal of Science</i> , 2016 , Volume 112,	1.3	9
68	Secular trends in stature of late 20th century white South Africans and two European populations. <i>HOMO- Journal of Comparative Human Biology</i> , 2017 , 68, 433-439	0.5	8
67	Forensic facial comparison in South Africa: State of the science. <i>Forensic Science International</i> , 2018 , 287, 190-194	2.6	8
66	A Palaeopathological Assessment of the Late 19th and Early 20th Century Khoesan. <i>International Journal of Osteoarchaeology</i> , 2016 , 26, 266-280	1.1	8
65	A discussion of current issues and concepts in the practice of skull-photo/craniofacial superimposition. <i>Forensic Science International</i> , 2016 , 262, 287.e1-4	2.6	8
64	Facial approximations: Characteristics of the eye in a South African sample. <i>Forensic Science International</i> , 2018 , 286, 46-53	2.6	7
63	Age estimation from the acetabulum in South African black males. <i>International Journal of Legal Medicine</i> , 2016 , 130, 809-17	3.1	7
62	Cribriform orbitalia: Prevalence in contemporary populations. <i>Clinical Anatomy</i> , 2016 , 29, 823-30	2.5	7
61	Age estimation using bone mineral density in South Africans. <i>Forensic Science International</i> , 2019 , 297, 307-314	2.6	6
60	Finding Makhubu: A morphological forensic facial comparison. <i>Forensic Science International</i> , 2018 , 285, 13-20	2.6	6
59	The use of stereological methods in the histomorphometric assessment of bone for age-at-death estimation. <i>Forensic Science International</i> , 2018 , 290, 353.e1-353.e7	2.6	6
58	An assessment of the repeatability of pubic and ischial measurements. <i>Forensic Science International</i> , 2012 , 214, 210.e1-4	2.6	6
57	Palaeodemography of Early Iron Age Toutswe Communities in Botswana. <i>South African Archaeological Bulletin</i> , 2004 , 59, 45		6
56	ANTHROPOLOGY Bone Pathology and Antemortem Trauma in Forensic Cases 2000 , 217-227		6

55	A comparison between decomposition rates of buried and surface remains in a temperate region of South Africa. <i>International Journal of Legal Medicine</i> , 2018 , 132, 301-309	3.1	6
54	Forensic imaging: The sensitivities of various imaging modalities in detecting skeletal trauma in simulated cases of child abuse using a pig model. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2020 , 76, 102034	1.7	6
53	Dental health of the late 19th and early 20th century Khoesan. <i>HOMO- Journal of Comparative Human Biology</i> , 2015 , 66, 187-202	0.5	5
52	Adult scurvy in skeletal remains of late 19th century mineworkers in Kimberley, South Africa. <i>International Journal of Osteoarchaeology</i> , 2009 , 20, n/a-n/a	1.1	5
51	A cross-sectional analysis of age related changes in the osteometric dimensions of long bones in modern South Africans of European and African descent. <i>Forensic Science International</i> , 2010 , 199, 110.e1-9	2.6	5
50	ANTHROPOLOGY Determination of Racial Affinity 2000 , 227-235		5
49	Facial ageing in South African adult males. <i>Forensic Science International</i> , 2018 , 289, 277-286	2.6	5
48	Technical Note: The Forensic Anthropology Society of Europe (FASE) Map of Identified Osteological Collections. <i>Forensic Science International</i> , 2021 , 328, 110995	2.6	5
47	Developmental instability and its relationship to mental health in two historic Dutch populations. <i>International Journal of Paleopathology</i> , 2017 , 17, 42-51	1.5	4
46	Age estimation from anterior cervical vertebral ring apophysis ossification in South Africans. <i>International Journal of Legal Medicine</i> , 2019 , 133, 1935-1948	3.1	4
45	In sickness or in health? Assessment of Early Iron Age human skeletons from Toutswe sites, east central Botswana. <i>International Journal of Osteoarchaeology</i> , 2009 , 19, 66-77	1.1	4
44	Health status of the Venda, a post-antibiotic community in rural South Africa. <i>International Journal of Osteoarchaeology</i> , 2007 , 17, 492-503	1.1	4
43	Two Burials at Malle, a Late Iron Age Settlement in the Bankeveld in the North-West Province. <i>South African Archaeological Bulletin</i> , 2002 , 57, 55		4
42	Validation of forensic facial comparison by morphological analysis in photographic and CCTV samples. <i>International Journal of Legal Medicine</i> , 2021 , 135, 1965-1981	3.1	4
41	Age estimation from sternal ends of ribs by phase analysis in South African Blacks. <i>Journal of Forensic Sciences</i> , 2000 , 45, 1071-9	1.8	4
40	Identifying the unknown and the undocumented 2020 , 681-692		3
39	Dento-alveolar measurements and histomorphometric parameters of maxillary and mandibular first molars, using micro-CT. <i>Clinical Implant Dentistry and Related Research</i> , 2018 , 20, 550-561	3.9	3
38	Ossified haematomas and infectious bone changes on the anterior tibia: histomorphological features as an aid for accurate diagnosis. <i>International Journal of Osteoarchaeology</i> , 2009 , 20, n/a-n/a	1.1	3

37	A comparison of computed tomography, X-ray and Lodox scans in assessing pediatric skull fractures using piglets. <i>Journal of Forensic Sciences</i> , 2021 , 66, 470-478	1.8	3
36	Lip height estimation in a southern African sample. <i>South African Dental Journal Suid Afrikaanse Tandarts Tydskrif</i> , 2020 , 75, 415-424	0	3
35	Mouth Width and CupidQ Bow Estimation in a Southern African Population. <i>Journal of Forensic Sciences</i> , 2020 , 65, 372-379	1.8	3
34	Chinese Indentured Mine Labour and the Dangers Associated with Early 20th Century Deep-level Mining on the Witwatersrand Gold Mines, South Africa. <i>International Journal of Osteoarchaeology</i> , 2016 , 26, 648-660	1.1	3
33	Development of the Wits Face Database: an African database of high-resolution facial photographs and multimodal closed-circuit television (CCTV) recordings. <i>F1000Research</i> , 2021 , 10, 131	3.6	3
32	Re-assessment of South African juvenile facial soft tissue thickness data for craniofacial approximation: A comparative analysis using central tendency statistics. <i>Forensic Science International</i> , 2018 , 291, 280.e1-280.e13	2.6	2
31	Case report: Forensic anthropological assessment in a suspected case of child abuse from South Africa. <i>Forensic Science International</i> , 2011 , 208, e6-9	2.6	2
30	Large fontanelles in an early 20th century rural population from South Africa. <i>International Journal of Osteoarchaeology</i> , 2002 , 12, 291-296	1.1	2
29	Archaeology in the Service of the Community: Repatriation of the Remains of Nontetha Bungu. <i>South African Archaeological Bulletin</i> , 2002 , 57, 80		2
28	Report on Human Skeletal Remains from a Later Iron Age Site at Simunye (Swaziland). <i>South African Archaeological Bulletin</i> , 2001 , 56, 57		2
27	Can forensic anthropologists accurately detect skeletal trauma using radiological imaging?. <i>Forensic Imaging</i> , 2021 , 24, 200424	0.6	2
26	Dismemberment in South Africa 2019 , 69-83		2
25	Inter-population variation of histomorphometric variables used in the estimation of age-at-death. <i>International Journal of Legal Medicine</i> , 2020 , 134, 709-719	3.1	2
24	Histological age-at-death estimation in white South Africans using stereology. <i>International Journal of Legal Medicine</i> , 2019 , 133, 1957-1965	3.1	1
23	Sexing 2013 , 34-41		1
22	A Bioarchaeological Investigation into the Human Remains Discovered in the Chlookop Area, South Africa. <i>International Journal of Osteoarchaeology</i> , 2011 , 23, n/a-n/a	1.1	1
21	Trauma and amputations in 19th century miners from Kimberley, South Africa. <i>International Journal of Osteoarchaeology</i> , 2009 , 20, n/a-n/a	1.1	1
20	Life expectancy of the 20th century Venda: a compilation of skeletal and cemetery data. <i>HOMO-Journal of Comparative Human Biology</i> , 2008 , 59, 189-207	0.5	1

19	Testing regression and mean model approaches to facial soft-tissue thickness estimation. <i>Medicine, Science and the Law</i> , 2021 , 61, 170-179	1.1	1
18	Age estimation in the living: cervical ring apophysis development in a Turkish sample using CT. <i>International Journal of Legal Medicine</i> , 2020 , 134, 2229-2237	3.1	1
17	An evaluation of the Acsdi and Nemeskürty Complex Method of adult age estimation in a modern South African skeletal sample. <i>Forensic Science International</i> , 2021 , 321, 110740	2.6	1
16	Infectious disease and nutritional deficiencies in early industrialized South Africa. <i>International Journal of Paleopathology</i> , 2021 , 33, 128-136	1.5	1
15	Changes in the mandibular angle during adulthood in South Africans. <i>American Journal of Human Biology</i> , 2016 , 28, 681-6	2.7	1
14	Comments on Mpeta et al. (2018): Black living standards in South Africa before democracy. <i>South African Journal of Science</i> , 2018 , 114,	1.3	1
13	Revisiting historical Khoe-San skeletal remains in European collections: A search for identity through craniometric analysis. <i>HOMO- Journal of Comparative Human Biology</i> , 2017 , 68, 243-255	0.5	0
12	A reassessment of archaeological human remains recovered from rock shelters in Cathkin Peak, South Africa. <i>Azania</i> , 1-31	0.7	0
11	Performance of three mathematical models for estimating age-at-death from multiple indicators of the adult skeleton. <i>International Journal of Legal Medicine</i> , 2021 , 1	3.1	0
10	Diagnostic accuracies of CTs, X-rays and Lodox to detect blunt force trauma in adults, using a pig model. <i>Medicine, Science and the Law</i> , 2021 , 258024211049591	1.1	0
9	Assessing the effect of facial disguises on forensic facial comparison by morphological analysis. <i>Journal of Forensic Sciences</i> , 2021 , 66, 1220-1233	1.8	0
8	Patterning of fractures in a case of intimate partner homicide (IPH). <i>Journal of Forensic Sciences</i> , 2021 , 66, 766-774	1.8	0
7	Performance of forensic facial comparison by morphological analysis across optimal and suboptimal CCTV settings. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2021 , 61, 743-754 ²		0
6	The History and Current Status of Forensic Science in South Africa 2014 , 241-259		
5	The aqueductus vestibuli—a morphological study. <i>Cells Tissues Organs</i> , 1991 , 142, 179-82	2.1	
4	Authors' Response. <i>Journal of Forensic Sciences</i> , 2020 , 65, 1389	1.8	
3	Assessment of human skeletal remains from the Penhalonga district, Zimbabwe. <i>Azania</i> , 2020 , 55, 389-403		
2	Statistics and probability in forensic anthropology, Edited by Zuzana Obertová, Alistair Stewart, & Cristina Cattaneo, Elsevier Academic Press, 2020. <i>American Journal of Physical Anthropology</i> , 2021 , 175, 945-947	2.5	

- 1 Health in ancient societies. *Adler Museum Bulletin*, **1996**, 22, 10-20