Carl N Stephan

List of Publications by Citations

72 papers	1,620 citations	24 h-index	37 g-index
79 ext. papers	1,818 ext. citations	2.1 avg, IF	5.46 L-index

#	Paper	IF	Citations
72	Facial soft tissue depths in craniofacial identification (part I): An analytical review of the published adult data. *Journal of Forensic Sciences*, **2008**, 53, 1257-72	1.8	109
71	Facial soft tissue thicknesses in Australian adult cadavers. *Journal of Forensic Sciences*, **2006**, 51, 5-10	1.8	91
70	Predicting nose projection and pronasale position in facial approximation: a test of published methods and proposal of new guidelines. *American Journal of Physical Anthropology*, **2003**, 122, 240-50	2.5	84
69	Building Faces from Dry Skulls: Are They Recognized Above Chance Rates?. *Journal of Forensic Sciences*, **2001**, 46, 14993J	1.8	78
68	A standardized nomenclature for craniofacial and facial anthropometry. *International Journal of Legal Medicine*, **2016**, 130, 863-79	3.1	57
67	Facial approximation: an evaluation of mouth-width determination. *American Journal of Physical Anthropology*, **2003**, 121, 48-57	2.5	56
66	Does Sexual Dimorphism in Facial Soft Tissue Depths Justify Sex Distinction in Craniofacial Identification?. *Journal of Forensic Sciences*, **2005**, 50, 1-6	1.8	54
65	The placement of the human eyeball and canthi in craniofacial identification. *Journal of Forensic Sciences*, **2008**, 53, 612-9	1.8	52
64	Facial Approximation: Globe Projection Guideline Falsified by Exophthalmometry Literature. *Journal of Forensic Sciences*, **2002**, 47, 15457J	1.8	49
63	Anthropological facial Ƨreconstruction--recognizing the fallacies, ƧunembracingƧthe errors, and realizing method limits. *Science and Justice - Journal of the Forensic Science Society*, **2003**, 43, 193-200	2	48
62	Skeletal identification by radiographic comparison: blind tests of a morphoscopic method using antemortem chest radiographs. *Journal of Forensic Sciences*, **2011**, 56, 320-32	1.8	45
61	Further evidence on the anatomical placement of the human eyeball for facial approximation and craniofacial superimposition. *Journal of Forensic Sciences*, **2009**, 54, 267-9	1.8	39
60	Morphometric comparison of clavicle outlines from 3D bone scans and 2D chest radiographs: a shortlisting tool to assist radiographic identification of human skeletons. *Journal of Forensic Sciences*, **2014**, 59, 306-13	1.8	36
59	Facial soft tissue depths in craniofacial identification (part II): An analytical review of the published sub-adult data. *Journal of Forensic Sciences*, **2008**, 53, 1273-9	1.8	36
58	Predicting Mouth Width from Inter-Canine WidthƎA 75% Rule. *Journal of Forensic Sciences*, **2003**, 48, 2002418	1.8	35
57	The application of the central limit theorem and the law of large numbers to facial soft tissue depths: T-Table robustness and trends since 2008. *Journal of Forensic Sciences*, **2014**, 59, 454-62	1.8	31
56	Position of superciliare in relation to the lateral iris: testing a suggested facial approximation guideline. *Forensic Science International*, **2002**, 130, 29-33	2.6	31

55	Facial soft tissue depth statistics and enhanced point estimators for craniofacial identification: the debut of the shorth and the 75-shormax. *Journal of Forensic Sciences*, **2013**, 58, 1439-57	1.8	30
54	On Gerasimov's plastic facial reconstruction technique: new insights to facilitate repeatability. *Journal of Forensic Sciences*, **2011**, 56, 470-4	1.8	29
53	Elliptical Fourier analysis: fundamentals, applications, and value for forensic anthropology. *International Journal of Legal Medicine*, **2017**, 131, 1675-1690	3.1	28
52	Medicine may be reducing the human capacity to survive. *Medical Hypotheses*, **2001**, 57, 633-7	3.8	27
51	Measuring the accuracy of facial approximations: a comparative study of resemblance rating and face array methods. *Journal of Forensic Sciences*, **2008**, 53, 58-64	1.8	26
50	The validity of ear prediction guidelines used in facial approximation. *Journal of Forensic Sciences*, **2012**, 57, 1427-41	1.8	25
49	Assessing facial approximation accuracy: how do resemblance ratings of disparate faces compare to recognition tests?. *Forensic Science International*, **2006**, 159 Suppl 1, S159-63	2.6	25
48	Facial soft tissue thicknesses: Noise, signal, and P. *Forensic Science International*, **2015**, 257, 114-122	2.6	24
47	Recognition by forensic facial approximation: case specific examples and empirical tests. *Forensic Science International*, **2006**, 156, 182-91	2.6	24
46	The superficial temporal fat pad and its ramifications for temporalis muscle construction in facial approximation. *Forensic Science International*, **2009**, 191, 70-9	2.6	23
45	2018 tallied facial soft tissue thicknesses for adults and sub-adults. *Forensic Science International*, **2017**, 280, 113-123	2.6	21
44	Accuracies of facial soft tissue depth means for estimating ground truth skin surfaces in forensic craniofacial identification. *International Journal of Legal Medicine*, **2015**, 129, 877-88	3.1	21
43	Human Identification via Lateral Patella Radiographs: A Validation Study. *Journal of Forensic Sciences*, **2016**, 61, 134-40	1.8	21
42	Changes in face topography from supine-to-upright position-And soft tissue correction values for craniofacial identification. *Forensic Science International*, **2018**, 289, 40-50	2.6	21
41	Do Resemblance Ratings Measure the Accuracy of Facial Approximations?. *Journal of Forensic Sciences*, **2002**, 47, 15239J	1.8	19
40	Effect of Head Position on Facial Soft Tissue Depth Measurements Obtained Using Computed Tomography. *Journal of Forensic Sciences*, **2016**, 61, 147-52	1.8	19
39	Quantification of perspective-induced shape change of clavicles at radiography and 3D scanning to assist human identification. *Journal of Forensic Sciences*, **2014**, 59, 447-53	1.8	16
38	Perspective distortion in craniofacial superimposition: Logarithmic decay curves mapped mathematically and by practical experiment. *Forensic Science International*, **2015**, 257, 520.e1-520.e8	2.6	16

| 37 | The reproducibility of facial approximation accuracy results generated from photo-spread tests. *Forensic Science International*, **2010**, 201, 133-7 | 2.6 | 16 |

| 36 | Turning the tables of sex distinction in craniofacial identification: Why females possess thicker facial soft tissues than males, not vice versa. *American Journal of Physical Anthropology*, **2016**, 161, 283-95 | 2.5 | 16 |

| 35 | An overview of the latest developments in facial imaging. *Forensic Sciences Research*, **2019**, 4, 10-28 | 3.6 | 15 |

| 34 | Beyond the sphere of the English facial approximation literature: ramifications of German papers on western method concepts. *Journal of Forensic Sciences*, **2006**, 51, 736-9 | 1.8 | 14 |

| 33 | In vivo facial soft tissue thicknesses of adult Australians. *Forensic Science International*, **2018**, 282, 220.e1-220.e12 | 2.6 | 14 |

| 32 | The human masseter muscle and its biological correlates: A review of published data pertinent to face prediction. *Forensic Science International*, **2010**, 201, 153-9 | 2.6 | 13 |

| 31 | Photo-Realistic Statistical Skull Morphotypes: New Exemplars for Ancestry and Sex Estimation in Forensic Anthropology. *Journal of Forensic Sciences*, **2017**, 62, 562-572 | 1.8 | 12 |

| 30 | Facial soft tissue thickness (FSTT) estimation models-And the strength of correlations between craniometric dimensions and FSTTs. *Forensic Science International*, **2018**, 286, 128-140 | 2.6 | 12 |

| 29 | A new rig for standardized craniofacial photography put to the test. *Plastic and Reconstructive Surgery*, **2004**, 113, 827-33 | 2.7 | 12 |

| 28 | Facial soft tissue thicknesses in craniofacial identification: Data collection protocols and associated measurement errors. *Forensic Science International*, **2019**, 304, 109965 | 2.6 | 11 |

| 27 | Error measurement in craniometrics: The comparative performance of four popular assessment methods using 2000 simulated cranial length datasets (g-op). *Forensic Science International*, **2018**, 285, 162-171 | 2.6 | 10 |

| 26 | Computational Tools in Forensic Anthropology: The Value of Open-Source Licensing as a Standard. *Forensic Anthropology*, **2018**, 1, 228-243 | 1.6 | 10 |

| 25 | Estimating the Skull-to-Camera Distance from Facial Photographs for Craniofacial Superimposition. *Journal of Forensic Sciences*, **2017**, 62, 850-860 | 1.8 | 9 |

| 24 | Facial approximation-from facial reconstruction synonym to face prediction paradigm. *Journal of Forensic Sciences*, **2015**, 60, 566-71 | 1.8 | 9 |

| 23 | COMPLEXITIES AND REMEDIES OF UNKNOWN-PROVENANCE OSTEOLOGY **2017**, 65-95 | | 9 |

| 22 | Predicting mouth width from inter-canine width--a 75% rule. *Journal of Forensic Sciences*, **2003**, 48, 725-7 | 1.8 | 9 |

| 21 | Facial Soft Tissue Depth Measurement: Validation of the 75-Shormax. *Journal of Forensic Sciences*, **2016**, 61, 1327-30 | 1.8 | 8 |

| 20 | The utility of elliptical Fourier analysis for estimating ancestry and sex from lateral skull photographs. *Forensic Science International*, **2018**, 289, 352-362 | 2.6 | 8 |

19	Facial approximation: a review of the current state of play for archaeologists. *International Journal of Osteoarchaeology*, **2005**, 15, 298-302	1.1	7
18	Radiographic comparison of a fractured clavicle exhibiting a pseudo-arthrosis. *Journal of Forensic Sciences*, **2012**, 57, 1094-7	1.8	6
17	Letter to the Editor - A Code of Practice for the Establishment and Use of Authentic Human Skeleton Collections in Forensic Anthropology. *Journal of Forensic Sciences*, **2018**, 63, 1604-1607	1.8	6
16	Does sexual dimorphism in facial soft tissue depths justify sex distinction in craniofacial identification?. *Journal of Forensic Sciences*, **2005**, 50, 513-8	1.8	6
15	A Large-Sample Test of a Semi-Automated Clavicle Search Engine to Assist Skeletal Identification by Radiograph Comparison. *Journal of Forensic Sciences*, **2017**, 62, 181-186	1.8	5
14	Estimating Eyeball Protrusion from Body Height, Interpupillary Distance, and Inter-Orbital Distance in Adults. *Journal of Forensic Sciences*, **2005**, 50, 1-3	1.8	5
13	TDStats-A fast standardized capability for facial soft tissue thickness analysis in R. *Forensic Science International*, **2018**, 289, 304-309	2.6	5
12	AuthorsSResponse. *Journal of Forensic Sciences*, **2019**, 64, 1579-1582	1.8	4
11	Do resemblance ratings measure the accuracy of facial approximations?. *Journal of Forensic Sciences*, **2002**, 47, 239-43	1.8	4
10	The Use of Clavicle Boundary Outlines to Identify Skeletal Remains of US Personnel Recovered From Past Conflicts: Results of Initial Tests **2011**,		3
9	B-mode Ultrasound Measurement of Facial Soft Tissue Thickness for Craniofacial Identification: A Standardized Approach. *Journal of Forensic Sciences*, **2020**, 65, 939-947	1.8	3
8	Facial Approximation **2013**, 60-67		2
7	Next-generation osteometric sorting: Using 3D shape, elliptical Fourier analysis, and Hausdorff distance to optimize osteological pair-matching. *Journal of Forensic Sciences*, **2021**, 66, 821-836	1.8	2
6	Skeletal Identification by Radiographic Comparison of the Cervicothoracic Region on Chest Radiographs a , b **2018**, 277-292		2
5	Human Face in Biological Anthropology: Craniometry, Evolution and Forensic Identification **2003**, 29-48		1
4	Skeletal Evidence of Sharp-Force Disarticulation and Tissue Flensing in 54 Cases Exhibiting Approximately 4200 Bone Strike Injuries **2019**, 133-154		1
3	The Dubious Practice of Sensationalizing Anatomical Dissection (and Death) in the Humanities Literature. *Journal of Bioethical Inquiry*, **2021**, 18, 221-228	1.9	1
2	Scientific estimation of the subject-to-camera distance from facial photographs for craniofacial superimposition. *Forensic Science International: Reports*, **2021**, 4, 100238	1.9	0

1   Infra-cranial radiographic comparison for human identification: A study of analyst expertise. *Journal of Forensic Sciences*, **2021**, 66, 2126-2137   1.8   0

6