

# Stefan Schlager

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,555  
citations

516710

16  
h-index

434195

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of intraoral scans: An inÂvivo study of different scanning devices. Journal of Prosthetic Dentistry, 2022, 128, 1303-1309.	2.8	24
2	Virtual reconstruction of orbital floor defects using a statistical shape model. Journal of Anatomy, 2022, 240, 323-329.	1.5	12
3	A Novel Method for Digital Reconstruction of the Mucogingival Borderline in Optical Scans of Dental Plaster Casts. Journal of Clinical Medicine, 2022, 11, 2383.	2.4	3
4	Geodesics in the TPS Space. Mathematics, 2022, 10, 1562.	2.2	0
5	Quantifying differences in hominin flaking technologies with 3D shape analysis. Journal of Human Evolution, 2021, 150, 102912.	2.6	17
6	Troubles in Tuva: Patterns of perimortem trauma in a nomadic community from Southern Siberia (second to fourth c. <scp>CE</scp>). American Journal of Physical Anthropology, 2021, 174, 3-19.	2.1	11
7	Air seal performance of personalized and statistically shaped 3D-printed face masks compared with market-available surgical and FFP2 masks. Scientific Reports, 2021, 11, 19347.	3.3	13
8	The statistical shape model as a quality assurance measure in the treatment of complex midface fractures: a case control study. Head & Face Medicine, 2021, 17, 44.	2.1	6
9	Analyzing the Fitting of Novel Preformed Osteosynthesis Plates for the Reduction and Fixation of Mandibular Fractures. Journal of Clinical Medicine, 2021, 10, 5975.	2.4	3
10	Three-dimensional geometric morphometrics of thorax-pelvis covariation and its potential for predicting the thorax morphology: A case study on Kebara 2 Neandertal. Journal of Human Evolution, 2020, 147, 102854.	2.6	8
11	Assessing thoracoâ€pelvic covariation in <scp><i>Homo sapiens</i></scp> and <scp><i>Pan troglodytes</i></scp>: A <scp>3D</scp> geometric morphometric approach. American Journal of Physical Anthropology, 2020, 173, 514-534.	2.1	10
12	A 3D Morphometrical Evaluation of Brow Position After Standardized Botulinum Toxin A Treatment of the Forehead and Glabella. Aesthetic Surgery Journal, 2019, 39, 553-564.	1.6	4
13	Estimating the Temperature of Heatâ€exposed Bone via Machine Learning Analysis of SCI Color Values: A Pilot Study. Journal of Forensic Sciences, 2019, 64, 190-195.	1.6	16
14	Geometric Morphometric Studies in the Human Spine. , 2019, , 361-386.		9
15	Catching condyle â€“ Endoscopic-assisted transoral open reduction and rigid fixation of condylar process fractures using an auto reposition and fixation osteosynthesis plate. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 778-785.	1.7	7
16	3D data analysis using R. , 2019, , 131-159.		5
17	Analysis of the accuracy of a novel preformed osteosynthesis plate for the reduction and fixation of zygomaticomaxillary complex fractures. Journal of Cranio-Maxillo-Facial Surgery, 2019, 47, 951-958.	1.7	6
18	RDFBones â€“ making research explicit: an extensible digital standard for research data. Anthropologischer Anzeiger, 2019, 76, 245-257.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Virtual reconstruction of bilateral midfacial defects by using statistical shape modeling. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2019, 47, 1054-1059.	1.7	35
20	Reproducing the internal and external anatomy of fossil bones: Two new automatic digital tools. <i>American Journal of Physical Anthropology</i> , 2018, 166, 979-986.	2.1	21
21	A geometric morphometric relationship predicts stone flake shape and size variability. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1991-2003.	1.8	37
22	Planning of skull reconstruction based on a statistical shape model combined with geometric morphometrics. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2018, 13, 519-529.	2.8	51
23	Site fragmentation, hominin mobility and LCT variability reflected in the early Acheulean record of the Okote Member, at Koobi Fora, Kenya. <i>Journal of Human Evolution</i> , 2018, 125, 159-180.	2.6	37
24	Retrodeformation of fossil specimens based on 3D bilateral semi-landmarks: Implementation in the R package "Morpho". <i>PLoS ONE</i> , 2018, 13, e0194073.	2.5	52
25	Virtual reconstruction of midface defects using statistical shape models. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 461-466.	1.7	32
26	Prospective 3D analysis of facial soft tissue augmentation with calcium hydroxylapatite. <i>Journal of Cosmetic and Laser Therapy</i> , 2017, 19, 283-289.	0.9	6
27	Zygomatic bone shape in intentional cranial deformations: a model for the study of the interactions between skull growth and facial morphology. <i>Journal of Anatomy</i> , 2017, 230, 524-531.	1.5	5
28	Sexual Dimorphism and Population Affinity in the Human Zygomatic Structure—Comparing Surface to Outline Data. <i>Anatomical Record</i> , 2017, 300, 226-237.	1.4	28
29	Digital reconstruction of the Ceprano calvarium (Italy), and implications for its interpretation. <i>Scientific Reports</i> , 2017, 7, 13974.	3.3	24
30	Sexual dimorphism and regional variation in human frontal bone inclination measured via digital 3D models. <i>Legal Medicine</i> , 2017, 29, 53-61.	1.3	28
31	Morpho and Rvcg "Shape Analysis in R. , 2017, , 217-256.		526
32	Tracing social interactions in Pleistocene North America via 3D model analysis of stone tool asymmetry. <i>PLoS ONE</i> , 2017, 12, e0179933.	2.5	18
33	Phylogeny and adaptation shape the teeth of insular mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152820.	2.6	35
34	Analysis of the human osseous nasal shape—population differences and sexual dimorphism. <i>American Journal of Physical Anthropology</i> , 2015, 157, 571-581.	2.1	35
35	Orbital Reconstruction: Prefabricated Implants, Data Transfer, and Revision Surgery. <i>Facial Plastic Surgery</i> , 2014, 30, 554-560.	0.9	39
36	Precision of intraoral digital dental impressions with iTero and extraoral digitization with the iTero and a model scanner. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2013, 144, 471-478.	1.7	356

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37	Anatomical shape analysis of the mandible in Caucasian and Chinese for the production of preformed mandible reconstruction plates. Journal of Cranio-Maxillo-Facial Surgery, 2011, 39, 393-400.	1.7	34