

Frank J RÃ¼hli

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

1,808
citations

393982

19
h-index

329751

37
g-index

117
all docs

117
docs citations

117
times ranked

2469
citing authors

#	ARTICLE	IF	CITATIONS
1	Findings in ancient Egyptian mummies from tomb KV64, Valley of the Kings, Luxor, with evidence of a rheumatic disease. <i>Scandinavian Journal of Rheumatology</i> , 2023, 52, 150-160.	0.6	0
2	Non-destructive extraction of DNA from preserved tissues in medical collections. <i>BioTechniques</i> , 2022, 72, 60-64.	0.8	4
3	Associations between hydration status, body composition, sociodemographic and lifestyle factors in the general population: a cross-sectional study. <i>BMC Public Health</i> , 2022, 22, 900.	1.2	5
4	National guidelines on nutrient reference values for the healthy adult population and for pregnant or lactating women are based on heterogeneous sources of evidence: review of guidelines. <i>Nutrition Reviews</i> , 2021, 79, 462-478.	2.6	0
5	A critical assessment of proposed outbreaks of plague and other epidemic diseases in Ancient Egypt. <i>International Journal of Infectious Diseases</i> , 2021, 103, 217-219.	1.5	7
6	Sex difference in the immunogenicity of the quadrivalent Human Papilloma Virus vaccine: Systematic review and meta-analysis. <i>Vaccine</i> , 2021, 39, 1680-1686.	1.7	8
7	Public Health Interventions, Epidemic Growth, and Regional Variation of the 1918 Influenza Pandemic Outbreak in a Swiss Canton and Its Greater Regions. <i>Annals of Internal Medicine</i> , 2021, 174, 533-539.	2.0	13
8	The ÅshÅ« Fujiwaraâ€”An interdisciplinary study on the history, culture and medical assessment of the oldest known mummified human remains in Japan (late Heian, 12th century AD). <i>PLoS ONE</i> , 2021, 16, e0253693.	1.1	0
9	The importance of the nasopharynx and anterior skull base in excerebration techniques from KV40, a New Kingdom Egyptian site. <i>Anatomical Record</i> , 2021, , .	0.8	3
10	Multidisciplinary studies of heavily fragmented and commingled ancient Egyptian human remains found in KV 40 (Valley of the Kings, Luxor, Egypt): A pragmatic workflow and first results. <i>Journal of Archaeological Science: Reports</i> , 2020, 29, 102069.	0.2	3
11	Ongoing tissue changes in an experimentally mummified human leg. <i>Anatomical Record</i> , 2020, 303, 3085-3095.	0.8	1
12	New ancient Eastern European <i>Yersinia pestis</i> genomes illuminate the dispersal of plague in Europe. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190569.	1.8	20
13	Multi-parameter Analytical Method for B1 and SNR Analysis (MAMBA): An open source RF coil design tool. <i>Journal of Magnetic Resonance</i> , 2020, 319, 106825.	1.2	3
14	Residential Altitude Associates With Endurance but Not Muscle Power in Young Swiss Men. <i>Frontiers in Physiology</i> , 2020, 11, 860.	1.3	7
15	Do not call it COVID-19, it might have been the second wave. <i>Medical Hypotheses</i> , 2020, 144, 110285.	0.8	0
16	Variola virus genome sequenced from an eighteenth-century museum specimen supports the recent origin of smallpox. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190572.	1.8	24
17	Prediction of muscle mass in arms and legs based on 3D laser-based photonic body scansâ€™ standard dimensions in a homogenous sample of young men. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2020, 8, 562-570.	1.3	2
18	Multiple measures derived from 3D photonic body scans improve predictions of fat and muscle mass in young Swiss men. <i>PLoS ONE</i> , 2020, 15, e0234552.	1.1	10

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19	Filling the weight gap: Estimating body weight and BMI using height, chest and upper arm circumference of Swiss conscripts in the first half of the 20th century. <i>Economics and Human Biology</i> , 2020, 38, 100891.	0.7	4
20	Secular evolution of femoral morphology from a clinical perspective. <i>Clinical Anatomy</i> , 2020, 33, 887-898.	1.5	2
21	Suggested Case of Langerhans Cell Histiocytosis in a Cretaceous dinosaur. <i>Scientific Reports</i> , 2020, 10, 2203.	1.6	14
22	Experimental mummificationâ€”In the tracks of the ancient Egyptians. <i>Clinical Anatomy</i> , 2020, 33, 860-871.	1.5	4
23	Clash of the pandemics â€” At least 150â€™000 adults in Switzerland suffer from obesity grades 2 or 3 and are thus at elevated risk for severe COVID-19. <i>F1000Research</i> , 2020, 9, 1413.	0.8	1
24	Title is missing!. , 2020, 15, e0234552.		0
25	Title is missing!. , 2020, 15, e0234552.		0
26	Title is missing!. , 2020, 15, e0234552.		0
27	Title is missing!. , 2020, 15, e0234552.		0
28	Title is missing!. , 2020, 15, e0234552.		0
29	Title is missing!. , 2020, 15, e0234552.		0
30	Mindful eating and common diet programs lower body weight similarly: Systematic review and metaâ€”analysis. <i>Obesity Reviews</i> , 2019, 20, 1619-1627.	3.1	56
31	Sub-surface analysis of ancient human remains using a robotic-based THz system. , 2019, , .		1
32	Application of a robotic THz imaging system for sub-surface analysis of ancient human remains. <i>Scientific Reports</i> , 2019, 9, 3390.	1.6	58
33	Spatial Association of Food Sales in Supermarkets with the Mean BMI of Young Men: An Ecological Study. <i>Nutrients</i> , 2019, 11, 579.	1.7	5
34	Mummified proportionate dwarfs from the Valley of the Kings. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 173-174.	5.5	2
35	First-time complete visualization of a preserved meningeal artery in the mummy of Nakht-ta-Netjeret (ca. 950 BC). <i>Neurological Sciences</i> , 2019, 40, 409-411.	0.9	4
36	Evaluation of lesion burden in a bone-by-bone comparison of osteological and radiological methods of analysis. <i>International Journal of Paleopathology</i> , 2019, 24, 171-174.	0.8	1

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37	Changes in Biological Pathways During 6,000 Years of Civilization in Europe. <i>Molecular Biology and Evolution</i> , 2019, 36, 127-140.	3.5	24
38	The earliest known case of frontal sinus osteoma in man. <i>Clinical Anatomy</i> , 2019, 32, 105-109.	1.5	6
39	Autopsing history: The mummy of Charlemagne (c. 747 – 814 AD), father of Europe. <i>Economics and Human Biology</i> , 2019, 32, 11-17.	0.7	5
40	Body height and waist circumference of young Swiss men as assessed by 3D laser-based photonic scans and by manual anthropometric measurements. <i>PeerJ</i> , 2019, 7, e8095.	0.9	7
41	Ladies first: Female and male adult height in Switzerland, 1770–1930. <i>Economics and Human Biology</i> , 2018, 29, 76-87.	0.7	22
42	Increasing variability of body mass and health correlates in Swiss conscripts, a possible role of relaxed natural selection?. <i>Evolution, Medicine and Public Health</i> , 2018, 2018, 116-126.	1.1	13
43	Isotopic anthropology of rural German medieval diet: intra- and inter-population variability. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1053-1065.	0.7	16
44	Computed Tomography–Detected Paleopathologies in Ancient Egyptian Mummies. <i>Current Problems in Diagnostic Radiology</i> , 2018, 47, 225-232.	0.6	13
45	Radiological findings in ancient Egyptian canopic jars: comparing three standard clinical imaging modalities (x-rays, CT and MRI). <i>European Radiology Experimental</i> , 2018, 2, 12.	1.7	12
46	Bronze Age population dynamics and the rise of dairy pastoralism on the eastern Eurasian steppe. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11248-E11255.	3.3	135
47	Assessing Metagenomic Signals Recovered from Lyuba, a 42,000-Year-Old Permafrost-Preserved Woolly Mammoth Calf. <i>Genes</i> , 2018, 9, 436.	1.0	30
48	Application of portable digital radiography for dental investigations of ancient Egyptian mummies during archaeological excavations: Evaluation and discussion of the advantages and limitations of different approaches and projections. <i>Imaging Science in Dentistry</i> , 2018, 48, 167.	0.6	8
49	Greater family size is associated with less cancer risk: an ecological analysis of 178 countries. <i>BMC Cancer</i> , 2018, 18, 924.	1.1	13
50	Evaluating the relationship between lesion burden and aging among the skeletons of an 18th-19th century London cemetery using osteological and radiological analysis. <i>PLoS ONE</i> , 2018, 13, e0196448.	1.1	1
51	Untargeted metabolomics-like screening approach for chemical characterization and differentiation of canopic jar and mummy samples from Ancient Egypt using GC-high resolution MS. <i>Analyst</i> , The, 2018, 143, 4503-4512.	1.7	26
52	Associations between anthropometric indices, blood pressure and physical fitness performance in young Swiss men: a cross-sectional study. <i>BMJ Open</i> , 2018, 8, e018664.	0.8	13
53	Gout in Duke Federico of Montefeltro (1422-1482): a new pearl of the Italian Renaissance. <i>Clinical and Experimental Rheumatology</i> , 2018, 36, 15-20.	0.4	5
54	Temporal trends, regional variation and socio-economic differences in height, BMI and body proportions among German conscripts, 1956–2010. <i>Public Health Nutrition</i> , 2017, 20, 391-403.	1.1	14

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55	A tall order: Small area mapping and modelling of adult height among Swiss male conscripts. <i>Economics and Human Biology</i> , 2017, 26, 61-69.	0.7	11
56	A brief pictorial and historical introduction to guaiacum â€œ from a putative cure for syphilis to an actual screening method for colorectal cancer. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2118-2119.	1.1	5
57	Fauchard, Boerhaave, and the pathogenesis of periodontitis in the 17th and 18th centuries. <i>European Journal of Oral Sciences</i> , 2017, 125, 227-228.	0.7	0
58	Giovanni Boccaccio's (1313â€œ1375) disease and demise: The final untold tale of liver and heart failure. <i>HOMO- Journal of Comparative Human Biology</i> , 2017, 68, 289-297.	0.3	2
59	Palaeopathology of the earlobe crease (Frank's sign): New insights from Renaissance art. <i>International Journal of Cardiology</i> , 2017, 236, 82-84.	0.8	22
60	2,000 Year old ð²â€œthalassemia case in Sardinia suggests malaria was endemic by the Roman period. <i>American Journal of Physical Anthropology</i> , 2017, 164, 362-370.	2.1	15
61	Oldest case of gigantism? Assessment of the alleged remains of Sa-Nakht, king of ancient Egypt. <i>Lancet Diabetes and Endocrinology</i> , 2017, 5, 580-581.	5.5	8
62	A Unique Case of Stroke and Upper Limb Paralysis in a Mid-18th Century Natural Mummy. <i>Circulation Research</i> , 2017, 121, 338-340.	2.0	9
63	Poliomyelitis in Ancient Egypt?. <i>Neurological Sciences</i> , 2017, 38, 375-375.	0.9	21
64	Ancient DNA Investigation of a Medieval German Cemetery Confirms Long-Term Stability of CCR5-ï”32 Allele Frequencies in Central Europe. <i>Human Biology</i> , 2017, 89, 119.	0.4	5
65	CT-Osteoabsorptiometry (CT-OAM) â€œ a new investigation technique in the field of mummy research. <i>Anthropologischer Anzeiger</i> , 2017, 74, 1-7.	0.2	1
66	The Sommersdorf mummiesâ€œAn interdisciplinary investigation on human remains from a 17th-19th century aristocratic crypt in southern Germany. <i>PLoS ONE</i> , 2017, 12, e0183588.	1.1	11
67	Comparison of 3D laser-based photonic scans and manual anthropometric measurements of body size and shape in a validation study of 123 young Swiss men. <i>PeerJ</i> , 2017, 5, e2980.	0.9	28
68	A Case of Sudden Death in <i>Decameron</i> IV.6. <i>Circulation Research</i> , 2016, 119, 187-189.	2.0	3
69	Evolutionary Medicine: The Ongoing Evolution of Human Physiology and Metabolism. <i>Physiology</i> , 2016, 31, 392-397.	1.6	17
70	Fight-or-flight Response in the ancient Egyptian novel "Sinuhe" (c. 1800 BCE). <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 195, 27-28.	1.4	4
71	Luigi Calori (1807â€œ1896). <i>Journal of Neurology</i> , 2016, 263, 1681-1682.	1.8	0
72	Novel Modules to Teach Evolutionary Medicine: an Australian and a Swiss Experience. <i>Medical Science Educator</i> , 2016, 26, 375-381.	0.7	3

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73	Diphallia in the Ancient World: Insights From a Pompeian Fresco (70-79 AD). <i>Urology</i> , 2016, 97, 281-282.	0.5	3
74	Angelman Syndrome in the Portrait of a Child With a Drawing by Giovanni F. Caroto. <i>JAMA Pediatrics</i> , 2016, 170, 831.	3.3	1
75	The death of Madame Tussaud: a cardiorespiratory interpretation. <i>Lancet Respiratory Medicine</i> , 2016, 4, 955.	5.2	1
76	Multivariable analysis of total cholesterol levels in male Swiss Armed Forces conscripts 2006-2012 (N=174,872). <i>BMC Cardiovascular Disorders</i> , 2016, 16, 43.	0.7	9
77	Alexander of Tralles and the first portrayal of a placebo by illusion in the 6th century AD. <i>Clinical Trials</i> , 2016, 13, 450-450.	0.7	1
78	Gangrene, amputation, and allogeneic transplantation in the fifth century ad: A pictorial representation. <i>Journal of Vascular Surgery</i> , 2016, 64, 824-825.	0.6	3
79	The sudden death of Alaric I (c. 370-410AD), the vanquisher of Rome: A tale of malaria and lacking immunity. <i>European Journal of Internal Medicine</i> , 2016, 31, 84-87.	1.0	8
80	Finding big shots: small-area mapping and spatial modelling of obesity among Swiss male conscripts. <i>BMC Obesity</i> , 2016, 3, 10.	3.1	17
81	Palaeopathology: Current challenges and medical impact. <i>Clinical Anatomy</i> , 2016, 29, 816-822.	1.5	36
82	Does acromegaly suffice to explain the origin of Pulcinella? A novel interpretation. <i>European Journal of Internal Medicine</i> , 2016, 28, e16-e17.	1.0	6
83	A case of temporal arteritis in Filippino Lippi's (1459-1504) Saint Frediano?. <i>Clinical Rheumatology</i> , 2016, 35, 1891-1892.	1.0	1
84	Life is like a box of chocolates - you never know what you're gonna get! - And sometimes things go missing. <i>Journal of Forensic Radiology and Imaging</i> , 2016, 5, 71.	1.2	0
85	Queen Nefertari, the Royal Spouse of Pharaoh Ramses II: A Multidisciplinary Investigation of the Mummified Remains Found in Her Tomb (QV66). <i>PLoS ONE</i> , 2016, 11, e0166571.	1.1	15
86	A Code of Ethics for Evidence-Based Research With Ancient Human Remains. <i>Anatomical Record</i> , 2015, 298, 1175-1181.	0.8	24
87	Modeling Ancient Egyptian Mummification on Fresh Human Tissue: Macroscopic and Histological Aspects. <i>Anatomical Record</i> , 2015, 298, 974-987.	0.8	20
88	"The Opening of the Mouth" A New Perspective for an Ancient Egyptian Mummification Procedure. <i>Anatomical Record</i> , 2015, 298, 1208-1216.	0.8	10
89	Terahertz Imaging Modalities of Ancient Egyptian Mummified Objects and of a Naturally Mummified Rat. <i>Anatomical Record</i> , 2015, 298, 1135-1143.	0.8	23
90	Evidence-Based Assessment of Relative Soft Tissue Alteration in Different Types of Ancient Mummies. <i>Anatomical Record</i> , 2015, 298, 1162-1174.	0.8	14

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91	Revealing the Face of an Ancient Egyptian: Synthesis of Current and Traditional Approaches to Evidence-Based Facial Approximation. <i>Anatomical Record</i> , 2015, 298, 1144-1161.	0.8	10
92	Histology of a Woolly Mammoth (<i>Mammuthus primigenius</i>) Preserved in Permafrost, Yamal Peninsula, Northwest Siberia. <i>Anatomical Record</i> , 2015, 298, 1059-1071.	0.8	12
93	Short Review: Magnetic Resonance Imaging of Ancient Mummies. <i>Anatomical Record</i> , 2015, 298, 1111-1115.	0.8	19
94	Body height of mummified pharaohs supports historical suggestions of sibling marriages. <i>American Journal of Physical Anthropology</i> , 2015, 157, 519-525.	2.1	18
95	Shedding New Light on the 18th Dynasty Mummies of the Royal Architect Kha and His Spouse Merit. <i>PLoS ONE</i> , 2015, 10, e0131916.	1.1	15
96	New Ancient Egyptian Human Mummies from the Valley of the Kings, Luxor: Anthropological, Radiological, and Egyptological Investigations. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	5
97	The Anatomy of the Mummy: <i>Mortui Viventes Docent</i> When Ancient Mummies Speak to Modern Doctors. <i>Anatomical Record</i> , 2015, 298, 935-940.	0.8	15
98	Evolution of prevention: Epidemiological transitions, evolutionary medicine, and clinical practice. <i>Preventive Medicine</i> , 2015, 73, 117-118.	1.6	0
99	Radiological findings in an ancient Iranian salt mummy (ChehrÄbÄd ca. 410-350 BC). <i>Skeletal Radiology</i> , 2015, 44, 811-821.	1.2	8
100	Is the Shape of the Proximal Femur a Risk Factor for Degeneritve Processes of the Hip and Hip Fracture? A New Approach Based On Geometric Morphometrics Methods. <i>FASEB Journal</i> , 2015, 29, 702.3.	0.2	0
101	Ancient DNA Analysis Reveals High Frequency of European Lactase Persistence Allele (T-13910) in Medieval Central Europe. <i>PLoS ONE</i> , 2014, 9, e86251.	1.1	46
102	Socioeconomic, Temporal and Regional Variation in Body Mass Index among 188,537 Swiss Male Conscripts Born between 1986 and 1992. <i>PLoS ONE</i> , 2014, 9, e96721.	1.1	19
103	Pathogens and host immunity in the ancient human oral cavity. <i>Nature Genetics</i> , 2014, 46, 336-344.	9.4	482
104	Revisiting scoliosis in the KNM-WT 15000 Homo erectus skeleton. <i>Journal of Human Evolution</i> , 2014, 67, 48-59.	1.3	19
105	Post Mortem DNA Degradation of Human Tissue Experimentally Mummified in Salt. <i>PLoS ONE</i> , 2014, 9, e110753.	1.1	21
106	Teaching secular trends of human anatomy in a novel medical school module. <i>FASEB Journal</i> , 2013, 27, 960.12.	0.2	0
107	Evolutionary Medicine: Microevolution of human morphology and its medico-social impact. <i>FASEB Journal</i> , 2011, 25, 866.1.	0.2	1
108	Charlemagne was very tall, but not robust. <i>Economics and Human Biology</i> , 2010, 8, 289-290.	0.7	6

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109	Diagnostic imaging of Mummified Soft tissue: Pathologies, Pitfalls and Perspectives. FASEB Journal, 2010, 24, 297.4.	0.2	0
110	Peerâ€review for the peerâ€review system. Human Ontogenetics, 2009, 3, 3-6.	0.3	0
111	Variability of height, weight, and body mass index in a Swiss armed forces 2005 census. American Journal of Physical Anthropology, 2008, 137, 457-468.	2.1	21
112	A historical case of beaten-copper cranium. Journal of Neurosurgery: Pediatrics, 2007, 106, 71-73.	0.8	3
113	Clinical perspectives on secular trends of intervertebral foramen diameters in an industrialized European society. European Spine Journal, 2004, 13, 733-739.	1.0	10
114	Diagnostic paleoradiology of mummified tissue: interpretation and pitfalls. Canadian Association of Radiologists Journal, 2004, 55, 218-27.	1.1	62
115	Brief communication: The Galler Collection: A little-known historic Swiss bone pathology reference series. American Journal of Physical Anthropology, 2003, 121, 15-18.	2.1	22