

Frank J RÃ¼hli

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

1,808
citations

394421
19
h-index

330143
37
g-index

117
all docs

117
docs citations

117
times ranked

2469
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogens and host immunity in the ancient human oral cavity. <i>Nature Genetics</i> , 2014, 46, 336-344.	21.4	482
2	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.	7.1	135
3	Diagnostic paleoradiology of mummified tissue: interpretation and pitfalls. <i>Canadian Association of Radiologists Journal</i> , 2004, 55, 218-27.	2.0	62
4	Application of a robotic THz imaging system for sub-surface analysis of ancient human remains. <i>Scientific Reports</i> , 2019, 9, 3390.	3.3	58
5	Mindful eating and common diet programs lower body weight similarly: Systematic review and meta-analysis. <i>Obesity Reviews</i> , 2019, 20, 1619-1627.	6.5	56
6	Ancient DNA Analysis Reveals High Frequency of European Lactase Persistence Allele (T-13910) in Medieval Central Europe. <i>PLoS ONE</i> , 2014, 9, e86251.	2.5	46
7	Palaeopathology: Current challenges and medical impact. <i>Clinical Anatomy</i> , 2016, 29, 816-822.	2.7	36
8	Assessing Metagenomic Signals Recovered from Lyuba, a 42,000-Year-Old Permafrost-Preserved Woolly Mammoth Calf. <i>Genes</i> , 2018, 9, 436.	2.4	30
9	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.	2.0	28
10	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, The</i> , 2018, 143, 4503-4512.	3.5	26
11	A Code of Ethics for Evidence-Based Research With Ancient Human Remains. <i>Anatomical Record</i> , 2015, 298, 1175-1181.	1.4	24
12	Changes in Biological Pathways During 6,000 Years of Civilization in Europe. <i>Molecular Biology and Evolution</i> , 2019, 36, 127-140.	8.9	24
13	Varola 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.	4.0	24
14	Terahertz Imaging Modalities of Ancient Egyptian Mummified Objects and of a Naturally Mummified Rat. <i>Anatomical Record</i> , 2015, 298, 1135-1143.	1.4	23
15	Brief communication: The Galler Collection: A little-known historic Swiss bone pathology reference series. <i>American Journal of Physical Anthropology</i> , 2003, 121, 15-18.	2.1	22
16	Palaeopathology of the earlobe crease (Frank's sign): New insights from Renaissance art. <i>International Journal of Cardiology</i> , 2017, 236, 82-84.	1.7	22
17	Ladies first: Female and male adult height in Switzerland, 1770-1930. <i>Economics and Human Biology</i> , 2018, 29, 76-87.	1.7	22
18	Variability of height, weight, and body mass index in a Swiss armed forces 2005 census. <i>American Journal of Physical Anthropology</i> , 2008, 137, 457-468.	2.1	21

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19	Poliomyelitis in Ancient Egypt?. <i>Neurological Sciences</i> , 2017, 38, 375-375.	1.9	21
20	Post Mortem DNA Degradation of Human Tissue Experimentally Mummified in Salt. <i>PLoS ONE</i> , 2014, 9, e110753.	2.5	21
21	Modeling Ancient Egyptian Mummification on Fresh Human Tissue: Macroscopic and Histological Aspects. <i>Anatomical Record</i> , 2015, 298, 974-987.	1.4	20
22	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.	4.0	20
23	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.	2.5	19
24	Revisiting scoliosis in the KNM-WT 15000 <i>Homo erectus</i> skeleton. <i>Journal of Human Evolution</i> , 2014, 67, 48-59.	2.6	19
25	Short Review: Magnetic Resonance Imaging of Ancient Mummies. <i>Anatomical Record</i> , 2015, 298, 1111-1115.	1.4	19
26	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
27	Evolutionary Medicine: The Ongoing Evolution of Human Physiology and Metabolism. <i>Physiology</i> , 2016, 31, 392-397.	3.1	17
28	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
29	Isotopic anthropology of rural German medieval diet: intra- and inter-population variability. <i>Archaeological and Anthropological Sciences</i> , 2018, 10, 1053-1065.	1.8	16
30	Shedding New Light on the 18th Dynasty Mummies of the Royal Architect Kha and His Spouse Merit. <i>PLoS ONE</i> , 2015, 10, e0131916.	2.5	15
31	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.	1.4	15
32	2,000 Year old β -thalassemia 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
33	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.	2.5	15
34	CT-Based Assessment of Relative Soft Tissue Alteration in Different Types of Ancient Mummies. <i>Anatomical Record</i> , 2015, 298, 1162-1174.	1.4	14
35	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.	2.2	14
36	Suggested Case of Langerhans Cell Histiocytosis in a Cretaceous dinosaur. <i>Scientific Reports</i> , 2020, 10, 2203.	3.3	14

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37	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.	2.5	13
38	Computed Tomographyâ€“Detected Paleopathologies in Ancient Egyptian Mummies. <i>Current Problems in Diagnostic Radiology</i> , 2018, 47, 225-232.	1.4	13
39	Greater family size is associated with less cancer risk: an ecological analysis of 178 countries. <i>BMC Cancer</i> , 2018, 18, 924.	2.6	13
40	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.	1.9	13
41	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.	3.9	13
42	Histology of a Woolly Mammoth (<i>Mammuthus primigenius</i>) Preserved in Permafrost, Yamal Peninsula, Northwest Siberia. <i>Anatomical Record</i> , 2015, 298, 1059-1071.	1.4	12
43	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.	3.4	12
44	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.	1.7	11
45	The Sommersdorf mummiesâ€“An interdisciplinary investigation on human remains from a 17th-19th century aristocratic crypt in southern Germany. <i>PLoS ONE</i> , 2017, 12, e0183588.	2.5	11
46	Clinical perspectives on secular trends of intervertebral foramen diameters in an industrialized European society. <i>European Spine Journal</i> , 2004, 13, 733-739.	2.2	10
47	â€œThe Opening of the Mouthâ€“A New Perspective for an Ancient Egyptian Mummification Procedure. <i>Anatomical Record</i> , 2015, 298, 1208-1216.	1.4	10
48	Revealing the Face of an Ancient Egyptian: Synthesis of Current and Traditional Approaches to Evidenceâ€“Based Facial Approximation. <i>Anatomical Record</i> , 2015, 298, 1144-1161.	1.4	10
49	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.	2.5	10
50	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.	1.7	9
51	A Unique Case of Stroke and Upper Limb Paralysis in a Mid-18th Century Natural Mummy. <i>Circulation Research</i> , 2017, 121, 338-340.	4.5	9
52	Radiological findings in an ancient Iranian salt mummy (ChehrÄbÄ ca. 410-350 BC). <i>Skeletal Radiology</i> , 2015, 44, 811-821.	2.0	8
53	The sudden death of Alaric I (c. 370â€“410AD), the vanquisher of Rome: A tale of malaria and lacking immunity. <i>European Journal of Internal Medicine</i> , 2016, 31, 84-87.	2.2	8
54	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.	11.4	8

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55	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.	1.8	8
56	Sex difference in the immunogenicity of the quadrivalent Human Papilloma Virus vaccine: Systematic review and meta-analysis. <i>Vaccine</i> , 2021, 39, 1680-1686.	3.8	8
57	Residential Altitude Associates With Endurance but Not Muscle Power in Young Swiss Men. <i>Frontiers in Physiology</i> , 2020, 11, 860.	2.8	7
58	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.	3.3	7
59	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.	2.0	7
60	Charlemagne was very tall, but not robust. <i>Economics and Human Biology</i> , 2010, 8, 289-290.	1.7	6
61	Does acromegaly suffice to explain the origin of Pulcinella? A novel interpretation. <i>European Journal of Internal Medicine</i> , 2016, 28, e16-e17.	2.2	6
62	The earliest known case of frontal sinus osteoma in man. <i>Clinical Anatomy</i> , 2019, 32, 105-109.	2.7	6
63	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.	1.9	5
64	A brief pictorial and historical introduction to guaiacum “ 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.	2.4	5
65	Ancient DNA Investigation of a Medieval German Cemetery Confirms Long-Term Stability of CCR5-1 Allele Frequencies in Central Europe. <i>Human Biology</i> , 2017, 89, 119.	0.2	5
66	Spatial Association of Food Sales in Supermarkets with the Mean BMI of Young Men: An Ecological Study. <i>Nutrients</i> , 2019, 11, 579.	4.1	5
67	Autopsing history: The mummy of Charlemagne (c. 747 “ 814 AD), father of Europe. <i>Economics and Human Biology</i> , 2019, 32, 11-17.	1.7	5
68	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.	0.8	5
69	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.	2.9	5
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.	2.8	4
71	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.	1.9	4
72	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.	1.7	4

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73	Experimental mummificationâ€”In the tracks of the ancient Egyptians. <i>Clinical Anatomy</i> , 2020, 33, 860-871.	2.7	4
74	Non-destructive extraction of DNA from preserved tissues in medical collections. <i>BioTechniques</i> , 2022, 72, 60-64.	1.8	4
75	A historical case of beaten-copper cranium. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 71-73.	1.3	3
76	A Case of Sudden Death in <i>Decameron</i> IV.6. <i>Circulation Research</i> , 2016, 119, 187-189.	4.5	3
77	Novel Modules to Teach Evolutionary Medicine: an Australian and a Swiss Experience. <i>Medical Science Educator</i> , 2016, 26, 375-381.	1.5	3
78	Diphallia in the Ancient World: Insights From a Pompeian Fresco (70-79 AD). <i>Urology</i> , 2016, 97, 281-282.	1.0	3
79	Gangrene, amputation, and allogeneic transplantation in the fifth century ad: A pictorial representation. <i>Journal of Vascular Surgery</i> , 2016, 64, 824-825.	1.1	3
80	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.	0.5	3
81	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.	2.1	3
82	The importance of the nasopharynx and anterior skull base in excerebration techniques from KV40, a New Kingdom Egyptian site. <i>Anatomical Record</i> , 2021, , .	1.4	3
83	Giovanni Boccaccio's (1313â€”1375) disease and demise: The final untold tale of liver and heart failure. <i>HOMO- Journal of Comparative Human Biology</i> , 2017, 68, 289-297.	0.7	2
84	Mummified proportionate dwarfs from the Valley of the Kings. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 173-174.	11.4	2
85	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.	1.9	2
86	Secular evolution of femoral morphology from a clinical perspective. <i>Clinical Anatomy</i> , 2020, 33, 887-898.	2.7	2
87	Angelman Syndrome in thePortrait of a Child With a Drawingby Giovanni F. Caroto. <i>JAMA Pediatrics</i> , 2016, 170, 831.	6.2	1
88	The death of Madame Tussaud: a cardiorespiratory interpretation. <i>Lancet Respiratory Medicine</i> , 2016, 4, 955.	10.7	1
89	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.	1.6	1
90	A case of temporal arteritis in Filippino Lippiâ€™s (1459â€”1504) Saint Frediano?. <i>Clinical Rheumatology</i> , 2016, 35, 1891-1892.	2.2	1

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91	CT-Osteoabsorptiometry (CT-OAM) â€“ a new investigation technique in the field of mummy research. Anthropologischer Anzeiger, 2017, 74, 1-7.	0.4	1
92	Evaluating the relationship between lesion burden and aging among the skeletons of an 18th-19th century London cemetery using osteological and radiological analysis. PLoS ONE, 2018, 13, e0196448.	2.5	1
93	Sub-surface analysis of ancient human remains using a robotic-based THz system. , 2019, , .		1
94	Evaluation of lesion burden in a bone-by-bone comparison of osteological and radiological methods of analysis. International Journal of Paleopathology, 2019, 24, 171-174.	1.4	1
95	Ongoing tissue changes in an experimentally mummified human leg. Anatomical Record, 2020, 303, 3085-3095.	1.4	1
96	Evolutionary Medicine: Microevolution of human morphology and its medicoâ€social impact. FASEB Journal, 2011, 25, 866.1.	0.5	1
97	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. F1000Research, 2020, 9, 1413.	1.6	1
98	Peerâ€review for the peerâ€review system. Human Ontogenetics, 2009, 3, 3-6.	0.3	0
99	Evolution of prevention: Epidemiological transitions, evolutionary medicine, and clinical practice. Preventive Medicine, 2015, 73, 117-118.	3.4	0
100	Luigi Calori (1807â€1896). Journal of Neurology, 2016, 263, 1681-1682.	3.6	0
101	Life is like a box of chocolates â€“ you never know what youâ€™re gonna get! â€ And sometimes things go missing. Journal of Forensic Radiology and Imaging, 2016, 5, 71.	1.2	0
102	Fauchard, Boerhaave, and the pathogenesis of periodontitis in the 17th and 18th centuries. European Journal of Oral Sciences, 2017, 125, 227-228.	1.5	0
103	Do not call it COVID-19, it might have been the second wave. Medical Hypotheses, 2020, 144, 110285.	1.5	0
104	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. Nutrition Reviews, 2021, 79, 462-478.	5.8	0
105	The ÅŒshÅ« 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). PLoS ONE, 2021, 16, e0253693.	2.5	0
106	Diagnostic imaging of Mummified Soft tissue: Pathologies, Pitfalls and Perspectives. FASEB Journal, 2010, 24, 297.4.	0.5	0
107	Teaching secular trends of human anatomy in a novel medical school module. FASEB Journal, 2013, 27, 960.12.	0.5	0
108	Is the Shape of the Proximal Femur a Risk Factor for Degenaritive Processes of the Hip and Hip Fracture? A New Approach Based On Geometric Morphometrics Methods. FASEB Journal, 2015, 29, 702.3.	0.5	0

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109	Findings in ancient Egyptian mummies from tomb KV64, Valley of the Kings, Luxor, with evidence of a rheumatic disease. Scandinavian Journal of Rheumatology, 2023, 52, 150-160.	1.1	0
110	Title is missing!., 2020, 15, e0234552.		0
111	Title is missing!., 2020, 15, e0234552.		0
112	Title is missing!., 2020, 15, e0234552.		0
113	Title is missing!., 2020, 15, e0234552.		0
114	Title is missing!., 2020, 15, e0234552.		0
115	Title is missing!., 2020, 15, e0234552.		0