

Albert R Zink

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

4,434
citations

126907

33
h-index

123424

61
g-index

121
all docs

121
docs citations

121
times ranked

5202
citing authors

#	ARTICLE	IF	CITATIONS
1	The Lady from Baselâ€™s BarfÃ¼sserkirche â€“ Molecular confirmation of the Mummyâ€™s identity through mitochondrial DNA of living relatives spanning 22 generations. <i>Forensic Science International: Genetics</i> , 2022, 56, 102604.	3.1	6
2	Linear polyacrylamide is highly efficient in precipitating and purifying environmental and ancient DNA. <i>Methods in Ecology and Evolution</i> , 2022, 13, 653-667.	5.2	4
3	Radiological evidence of purulent infections in ancient Egyptian child mummies. <i>International Journal of Paleopathology</i> , 2022, 36, 30-35.	1.4	4
4	Recovery lines in ancient Egyptian child mummies: Computed tomography investigations in European museums. <i>International Journal of Osteoarchaeology</i> , 2022, 32, 682-693.	1.2	4
5	Metagenomic analysis reveals mixed <i>Mycobacterium tuberculosis</i> infection in a 18th century Hungarian midwife. <i>Tuberculosis</i> , 2022, , 102181.	1.9	3
6	â€œCeltsâ€ up and down the Alps. Insights on mobility patterns in the <sc>preâ€Roman</sc>/Celtic population from Verona (<sc>NE</sc> Italy, 3rdâ€“1st c. <sc>BCE</sc>): A multiâ€isotopic approach. <i>American Journal of Biological Anthropology</i> , 2022, 178, 513-529.	1.1	1
7	The genetic origin of Huns, Avars, and conquering Hungarians. <i>Current Biology</i> , 2022, 32, 2858-2870.e7.	3.9	18
8	A rare case of calvarial tuberculosis from the Avar Age (8th century CE) cemetery of Kabaâ€“BitÃ³zug (HajdÃ³-Bihar county, Hungary) â€“ Pathogenesis and differential diagnostic aspects. <i>Tuberculosis</i> , 2022, 135, 102226.	1.9	7
9	Verification of tuberculosis infection among VÃ¡jc mummies (18th century CE, Hungary) based on lipid biomarker profiling with a new HPLC-HESI-MS approach. <i>Tuberculosis</i> , 2021, 126, 102037.	1.9	10
10	Lipid biomarker-based verification of TB infection in motherâ€™s and daughterâ€™s mummified human remains (VÃ¡jc Mummy Collection, 18th century, CE, Hungary). <i>Acta Biologica Szegediensis</i> , 2021, 64, 99-109.	0.3	4
11	Trauma patterns and injury prevalence in early medieval SÃabenâ€“Sabiona, Italy. <i>International Journal of Osteoarchaeology</i> , 2021, 31, 820-832.	1.2	2
12	The elusive parasite: comparing macroscopic, immunological, and genomic approaches to identifying malaria in human skeletal remains from Sayala, Egypt (third to sixth centuries AD). <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 115.	1.8	11
13	Ancient DNA analysis of rare genetic bone disorders. <i>International Journal of Paleopathology</i> , 2021, 33, 182-187.	1.4	2
14	Correlation of atherosclerosis and osteoarthritis in ancient Egypt: A standardized evaluation of 45 whole-body CT examinations. <i>International Journal of Paleopathology</i> , 2021, 33, 137-145.	1.4	2
15	DNA methylation profiling in mummified human remains from the eighteenth-century. <i>Scientific Reports</i> , 2021, 11, 15493.	3.3	3
16	Metagenomic analysis of ancient dental calculus reveals unexplored diversity of oral archaeal <i>Methanobrevibacter</i> . <i>Microbiome</i> , 2021, 9, 197.	11.1	18
17	Hallstatt miners consumed blue cheese and beer during the Iron Age and retained a non-Westernized gut microbiome until the Baroque period. <i>Current Biology</i> , 2021, 31, 5149-5162.e6.	3.9	22
18	Ancient DNA diffuses from human bones to cave stones. <i>IScience</i> , 2021, 24, 103397.	4.1	5

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19	Reply. <i>Ophthalmology</i> , 2020, 127, e5.	5.2	0
20	Early medieval Italian Alps: reconstructing diet and mobility in the valleys. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	18
21	Minimally invasive bone biopsies of fully wrapped mummies guided by computed tomography and fibre-optic endoscopy: Methods and suggested guidelines. <i>Journal of Archaeological Science: Reports</i> , 2020, 31, 102363.	0.5	1
22	Decorated bodies for eternal life: A multidisciplinary study of late Roman Period stucco-shrouded portrait mummies from Saqqara (Egypt). <i>PLoS ONE</i> , 2020, 15, e0240900.	2.5	0
23	Development of passive controlled atmosphere display cases for the conservation of cultural assets. <i>Journal of Cultural Heritage</i> , 2019, 35, 145-153.	3.3	5
24	Possible evidence for care and treatment in the Tyrolean Iceman. <i>International Journal of Paleopathology</i> , 2019, 25, 110-117.	1.4	15
25	The Prevothella copri Complex Comprises Four Distinct Clades Underrepresented in Westernized Populations. <i>Cell Host and Microbe</i> , 2019, 26, 666-679.e7.	11.0	274
26	The Current Situation of the Tyrolean Iceman. <i>Gerontology</i> , 2019, 65, 699-706.	2.8	8
27	Perimortem sharp force trauma in an individual from the early medieval cemetery of SÄben-Sabiona in South Tyrol, Italy. <i>International Journal of Paleopathology</i> , 2019, 27, 46-55.	1.4	9
28	The Eyes of Oetzi: The Tyrolean Iceman Mummy. <i>Ophthalmology</i> , 2019, 126, 530.	5.2	2
29	Atherosclerosis: A Longue DurÄ©e Approach. <i>Global Heart</i> , 2019, 9, 239.	2.3	5
30	<i>Helicobacter pylori</i> in ancient human remains. <i>World Journal of Gastroenterology</i> , 2019, 25, 6289-6298.	3.3	13
31	CT checklist and scoring system for the assessment of soft tissue preservation in human mummies: application to catacomb mummies from Palermo, Sicily. <i>International Journal of Paleopathology</i> , 2018, 20, 50-59.	1.4	7
32	Absence of evidence or evidence of absence? A discussion on paleoepidemiology of neoplasms with contributions from two Portuguese human skeletal reference collections (19thÄ©20th century). <i>International Journal of Paleopathology</i> , 2018, 21, 83-95.	1.4	35
33	Mitogenomic data indicate admixture components of Central-Inner Asian and Srubnaya origin in the conquering Hungarians. <i>PLoS ONE</i> , 2018, 13, e0205920.	2.5	26
34	Ancient genome-wide analyses infer kinship structure in an Early Medieval Alemannic graveyard. <i>Science Advances</i> , 2018, 4, eaao1262.	10.3	28
35	Evidence of probable subadult scurvy in the Early Medieval cemetery of Castel Tirolo, South Tyrol, Italy. <i>International Journal of Osteoarchaeology</i> , 2018, 28, 714-726.	1.2	3
36	The IcemanÄ©s Last Meal Consisted of Fat, Wild Meat, and Cereals. <i>Current Biology</i> , 2018, 28, 2348-2355.e9.	3.9	39

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37	Evidence of aortic dissection and Marfan syndrome in a mummy from the Capuchin Catacombs of Palermo, Sicily. <i>International Journal of Paleopathology</i> , 2018, 22, 78-85.	1.4	5
38	miRNAs in ancient tissue specimens of the Tyrolean Iceman. <i>Molecular Biology and Evolution</i> , 2017, 34, msw291.	8.9	17
39	Checklist and Scoring System for the Assessment of Soft Tissue Preservation in CT Examinations of Human Mummies: Application to the Tyrolean Iceman. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2017, 189, 1152-1160.	1.3	1
40	Genetic structure of the early Hungarian conquerors inferred from mtDNA haplotypes and Y-chromosome haplogroups in a small cemetery. <i>Molecular Genetics and Genomics</i> , 2017, 292, 201-214.	2.1	23
41	Paleopathology in the Piraino mummies as illustrated by X-rays. <i>Anthropological Science</i> , 2017, 125, 25-33.	0.4	10
42	The Sommersdorf mummies – 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
43	A whole mitochondria analysis of the Tyrolean Iceman's leather provides insights into the animal sources of Copper Age clothing. <i>Scientific Reports</i> , 2016, 6, 31279.	3.3	95
44	The 5300-year-old <i>Helicobacter pylori</i> genome of the Iceman. <i>Science</i> , 2016, 351, 162-165.	12.6	200
45	Tuberculosis in early medieval Switzerland – osteological and molecular evidence. <i>Swiss Medical Weekly</i> , 2016, 146, w14269.	1.6	3
46	Paleoradiology of the Savoca Mummies, Sicily, Italy (18th–19th Centuries AD). <i>Anatomical Record</i> , 2015, 298, 988-1000.	1.4	14
47	Checklist and Scoring System for the Assessment of Soft Tissue Preservation in CT Examinations of Human Mummies. <i>PLoS ONE</i> , 2015, 10, e0133364.	2.5	25
48	Evidence for tuberculosis in 18th/19th century slaves in Anse Sainte-Marguerite (Guadeloupe – French) Tj ETQq0,0,0 rgBT /Overlock 1		
49	Complete mapping of the tattoos of the 5300-year-old Tyrolean Iceman. <i>Journal of Cultural Heritage</i> , 2015, 16, 753-758.	3.3	49
50	Tuberculosis in Late Neolithic-Early Copper Age human skeletal remains from Hungary. <i>Tuberculosis</i> , 2015, 95, S18-S22.	1.9	25
51	Tuberculosis infection in a late-medieval Hungarian population. <i>Tuberculosis</i> , 2015, 95, S60-S64.	1.9	3
52	Hypoplastic left heart in the 6500-year-old Detmold Child. <i>Lancet, The</i> , 2015, 385, 2432.	18.7	6
53	Human tuberculosis predates domestication in ancient Syria. <i>Tuberculosis</i> , 2015, 95, S4-S12.	1.9	57
54	Tuberculosis in evolution. <i>Tuberculosis</i> , 2015, 95, S1-S3.	1.9	17

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55	Population Genomic Analysis of Ancient and Modern Genomes Yields New Insights into the Genetic Ancestry of the Tyrolean Iceman and the Genetic Structure of Europe. PLoS Genetics, 2014, 10, e1004353.	3.5	86
56	Is atherosclerosis fundamental to human aging? Lessons from ancient mummies. Journal of Cardiology, 2014, 63, 329-334.	1.9	27

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73	Revision of tuberculous lesions in the BÃ¼csalmÃ¼s-Ã¼almÃ¼s series - preliminary morphological and biomolecular studies. <i>Anthropologischer Anzeiger</i> , 2013, 70, 83-100.	0.4	7
74	Demographic Histories, Isolation and Social Factors as Determinants of the Genetic Structure of Alpine Linguistic Groups. <i>PLoS ONE</i> , 2013, 8, e81704.	2.5	14
75	Preservation of 5300 year old red blood cells in the Iceman. <i>Journal of the Royal Society Interface</i> , 2012, 9, 2581-2590.	3.4	24
76	Revisiting the harem conspiracy and death of Ramesses III: anthropological, forensic, radiological, and genetic study. <i>BMJ, The</i> , 2012, 345, e8268-e8268.	6.0	28
77	New insights into the Tyrolean Iceman's origin and phenotype as inferred by whole-genome sequencing. <i>Nature Communications</i> , 2012, 3, 698.	12.8	382
78	Rib lesions in skeletons from early neolithic sites in Central Germany: On the trail of tuberculosis at the onset of agriculture. <i>American Journal of Physical Anthropology</i> , 2012, 149, 391-404.	2.1	71
79	Herniation Pits in Human Mummies: A CT Investigation in the Capuchin Catacombs of Palermo, Sicily. <i>PLoS ONE</i> , 2012, 7, e36537.	2.5	10
80	Eugen Strouhal (1931â€“). , 2012, , 126-130.		0
81	New radiological insights into the life and death of the Tyrolean Iceman. <i>Journal of Archaeological Science</i> , 2011, 38, 3425-3431.	2.4	42
82	Technical note: PCR analysis of minimum target amount of ancient DNA. <i>American Journal of Physical Anthropology</i> , 2010, 142, 321-327.	2.1	18
83	Ancestry and Pathology in King Tutankhamun's Family. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 638.	7.4	216
84	Nanostructure and mechanics of mummified type I collagen from the 5300-year-old Tyrolean Iceman. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2301-2309.	2.6	45
85	Scenes from the Past. <i>Radiographics</i> , 2010, 30, 1123-1132.	3.3	47
86	Anisotropic Raman scattering in collagen bundles. <i>Optics Letters</i> , 2010, 35, 2765.	3.3	65
87	The Salafia method rediscovered. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2009, 454, 355-357.	2.8	17
88	Single particle adsorbing transfer system. <i>Biomedical Microdevices</i> , 2009, 11, 609-614.	2.8	6
89	<i>Plasmodium falciparum</i> in Ancient Egypt. <i>Emerging Infectious Diseases</i> , 2008, 14, 1317-1319.	4.3	78
90	Past Leprae. , 2008, , 99-123.		3

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91	Structural investigations on native collagen type I fibrils using AFM. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 27-32.	2.1	89
92	Age determination of blood spots in forensic medicine by force spectroscopy. <i>Forensic Science International</i> , 2007, 170, 8-14.	2.2	105
93	Malignant tumors in two ancient populations: An approach to historical tumor epidemiology. <i>Oncology Reports</i> , 2006, 16, 197.	2.6	8
94	Controlled Self-Assembly of Collagen Fibrils by an Automated Dialysis System. <i>Journal of Biomechanical Engineering</i> , 2006, 128, 792-796.	1.3	5
95	Leishmaniasis in Ancient Egypt and Upper Nubia. <i>Emerging Infectious Diseases</i> , 2006, 12, 1616-1617.	4.3	76
96	Malignant tumors in two ancient populations: An approach to historical tumor epidemiology. <i>Oncology Reports</i> , 2006, 16, 197-202.	2.6	47
97	Molecular identification of human tuberculosis in recent and historic bone tissue samples: The role of molecular techniques for the study of historic tuberculosis. <i>American Journal of Physical Anthropology</i> , 2005, 126, 32-47.	2.1	63
98	Long-term survival of ancient DNA in Egypt: Reply to Gilbert et al.. <i>American Journal of Physical Anthropology</i> , 2005, 128, 115-118.	2.1	10
99	Inter-laboratory validation of PCR-based detection of <i>Mycobacterium tuberculosis</i> in formalin-fixed, paraffin-embedded tissues. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2005, 447, 573-585.	2.8	27
100	Evidence for a 7000-Year-Old Case of Primary Hyperparathyroidism. <i>JAMA - Journal of the American Medical Association</i> , 2005, 293, 36.	7.4	17
101	Tuberculosis: from prehistory to Robert Koch, as revealed by ancient DNA. <i>Lancet Infectious Diseases</i> , 2004, 4, 584-592.	9.1	165
102	Molecular analyses of the "Pharaohs": Feasibility of molecular studies in ancient Egyptian material. <i>American Journal of Physical Anthropology</i> , 2003, 121, 109-111.	2.1	23
103	Ätzi had a wound on his right hand. <i>Lancet, The</i> , 2003, 362, 334.	13.7	23
104	Characterization of <i>Mycobacterium tuberculosis</i> Complex DNAs from Egyptian Mummies by Spoligotyping. <i>Journal of Clinical Microbiology</i> , 2003, 41, 359-367.	3.9	224
105	Molecular analysis of ancient microbial infections. <i>FEMS Microbiology Letters</i> , 2002, 213, 141-147.	1.8	70
106	<i>Corynebacterium</i> in ancient Egypt. <i>Medical History</i> , 2001, 45, 267-272.	0.2	21
107	Molecular analysis of skeletal tuberculosis in an ancient Egyptian population. <i>Journal of Medical Microbiology</i> , 2001, 50, 355-366.	1.8	129
108	Detection of Leprosy in Ancient Human Skeletal Remains by Molecular Identification of <i>Mycobacterium leprae</i> . <i>American Journal of Clinical Pathology</i> , 2000, 114, 428-436.	0.7	73

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109	Molecular evidence for different stages of tuberculosis in ancient bone samples from Hungary. American Journal of Physical Anthropology, 2000, 113, 293-304.	2.1	90
110	Ancient Egyptian prosthesis of the big toe. Lancet, The, 2000, 356, 2176-2179.	13.7	94
111	Anthropological and palaeopathological analysis of the human remains from three "Tombs of the Nobles" of the necropolis of Thebes-West, Upper Egypt. Anthropologischer Anzeiger, 2000, 58, 321-343.	0.4	33
112	Molecular Evidence of Bacteremia by Gastrointestinal Pathogenic Bacteria in an Infant Mummy From Ancient Egypt. Archives of Pathology and Laboratory Medicine, 2000, 124, 1614-1618.	2.5	23
113	Molecular evidence for tuberculosis in an ancient Egyptian mummy. Lancet, The, 1997, 350, 1404.	13.7	130
114	A First Assessment of the Conservation of the Mummified Human Remains in the Museo Egizio in Turin in the Framework of the "Mummy Conservation Project". Rivista Del Museo Egizio, 0, 3, .	0.0	2
115	Prone burials and evidence of interpersonal violence: A case study from early medieval Bavaria, Germany. International Journal of Osteoarchaeology, 0, , .	1.2	0