

Albert R Zink

List of Publications by Year in descending order

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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	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
2	The <i>Prevotella copri</i> Complex Comprises Four Distinct Clades Underrepresented in Westernized Populations. <i>Cell Host and Microbe</i> , 2019, 26, 666-679.e7.	11.0	274
3	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
4	Ancestry and Pathology in King Tutankhamun's Family. <i>JAMA - Journal of the American Medical Association</i> , 2010, 303, 638.	7.4	216
5	The 5300-year-old <i>Helicobacter pylori</i> genome of the Iceman. <i>Science</i> , 2016, 351, 162-165.	12.6	200
6	Tuberculosis: from prehistory to Robert Koch, as revealed by ancient DNA. <i>Lancet Infectious Diseases</i> , 2004, 4, 584-592.	9.1	165
7	Molecular evidence for tuberculosis in an ancient Egyptian mummy. <i>Lancet</i> , 1997, 350, 1404.	13.7	130
8	Molecular analysis of skeletal tuberculosis in an ancient Egyptian population. <i>Journal of Medical Microbiology</i> , 2001, 50, 355-366.	1.8	129
9	Age determination of blood spots in forensic medicine by force spectroscopy. <i>Forensic Science International</i> , 2007, 170, 8-14.	2.2	105
10	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
11	Ancient Egyptian prosthesis of the big toe. <i>Lancet</i> , 2000, 356, 2176-2179.	13.7	94
12	Molecular evidence for different stages of tuberculosis in ancient bone samples from Hungary. <i>American Journal of Physical Anthropology</i> , 2000, 113, 293-304.	2.1	90
13	Structural investigations on native collagen type I fibrils using AFM. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 27-32.	2.1	89
14	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. <i>PLoS Genetics</i> , 2014, 10, e1004353.	3.5	86
15	Microbial survey of the mummies from the Capuchin Catacombs of Palermo, Italy: biodeterioration risk and contamination of the indoor air. <i>FEMS Microbiology Ecology</i> , 2013, 86, 341-356.	2.7	81
16	<i>Plasmodium falciparum</i> in Ancient Egypt. <i>Emerging Infectious Diseases</i> , 2008, 14, 1317-1319.	4.3	78
17	Leishmaniasis in Ancient Egypt and Upper Nubia. <i>Emerging Infectious Diseases</i> , 2006, 12, 1616-1617.	4.3	76
18	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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19	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
20	Molecular analysis of ancient microbial infections. <i>FEMS Microbiology Letters</i> , 2002, 213, 141-147.	1.8	70
21	Anisotropic Raman scattering in collagen bundles. <i>Optics Letters</i> , 2010, 35, 2765.	3.3	65
22	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
23	Human tuberculosis predates domestication in ancient Syria. <i>Tuberculosis</i> , 2015, 95, S4-S12.	1.9	57
24	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
25	Scenes from the Past. <i>Radiographics</i> , 2010, 30, 1123-1132.	3.3	47
26	Parasitism of the Zweeloo Woman: Dicrocoeliasis evidenced in a Roman period bog mummy. <i>International Journal of Paleopathology</i> , 2013, 3, 224-228.	1.4	47
27	Malignant tumors in two ancient populations: An approach to historical tumor epidemiology. <i>Oncology Reports</i> , 2006, 16, 197-202.	2.6	47
28	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
29	Paleoproteomic study of the Iceman's brain tissue. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 3709-3722.	5.4	44
30	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
31	The Iceman's Last Meal Consisted of Fat, Wild Meat, and Cereals. <i>Current Biology</i> , 2018, 28, 2348-2355.e9.	3.9	39
32	Absence of evidence or evidence of absence? A discussion on paleoepidemiology of neoplasms with contributions from two Portuguese human skeletal reference collections (19th-20th century). <i>International Journal of Paleopathology</i> , 2018, 21, 83-95.	1.4	35
33	Why Did Ancient People Have Atherosclerosis? From Autopsies to Computed Tomography to Potential Causes. <i>Global Heart</i> , 2014, 9, 229.	2.3	35
34	Anthropological and palaeopathological analysis of the human remains from three "Tombs of the Nobles" of the necropolis of Thebes-West, Upper Egypt. <i>Anthropologischer Anzeiger</i> , 2000, 58, 321-343.	0.4	33
35	Metagenomic Analysis Reveals Presence of <i>Treponema denticola</i> in a Tissue Biopsy of the Iceman. <i>PLoS ONE</i> , 2014, 9, e99994.	2.5	30
36	Multidetector CT investigation of the mummy of Rosalia Lombardo (1918-1920). <i>Annals of Anatomy</i> , 2013, 195, 401-408.	1.9	29

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37	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
38	Ancient genome-wide analyses infer kinship structure in an Early Medieval Alemannic graveyard. <i>Science Advances</i> , 2018, 4, eaao1262.	10.3	28
39	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
40	Is atherosclerosis fundamental to human aging? Lessons from ancient mummies. <i>Journal of Cardiology</i> , 2014, 63, 329-334.	1.9	27
41	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
42	Oral pathologies of the Neolithic ceman, c.3,300 bc. <i>European Journal of Oral Sciences</i> , 2013, 121, 137-141.	1.5	25
43	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
44	Tuberculosis in Late Neolithic-Early Copper Age human skeletal remains from Hungary. <i>Tuberculosis</i> , 2015, 95, S18-S22.	1.9	25
45	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
46	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
47	Ätzi had a wound on his right hand. <i>Lancet, The</i> , 2003, 362, 334.	13.7	23
48	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
49	Molecular Evidence of Bacteremia by Gastrointestinal Pathogenic Bacteria in an Infant Mummy From Ancient Egypt. <i>Archives of Pathology and Laboratory Medicine</i> , 2000, 124, 1614-1618.	2.5	23
50	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
51	<i>Corynebacterium</i> in ancient Egypt. <i>Medical History</i> , 2001, 45, 267-272.	0.2	21
52	Dietary analysis of Piraino 1, Sicily, Italy: the role of archaeopalynology in forensic science. <i>Journal of Archaeological Science</i> , 2013, 40, 1935-1945.	2.4	21
53	Atherosclerosis in Ancient and Modern Egyptians: The Horus Study. <i>Global Heart</i> , 2014, 9, 197.	2.3	21
54	Mummies and skeletons from the Coptic monastery complex Deir el-Bachit in Thebes-West, Egypt. <i>Anthropologischer Anzeiger</i> , 2013, 70, 27-41.	0.4	20

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55	Genomic Correlates of Atherosclerosis in Ancient Humans. <i>Global Heart</i> , 2014, 9, 203.	2.3	20
56	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
57	Early medieval Italian Alps: reconstructing diet and mobility in the valleys. <i>Archaeological and Anthropological Sciences</i> , 2020, 12, 1.	1.8	18
58	Metagenomic analysis of ancient dental calculus reveals unexplored diversity of oral archaeal <i>Methanobrevibacter</i> . <i>Microbiome</i> , 2021, 9, 197.	11.1	18
59	The genetic origin of Huns, Avars, and conquering Hungarians. <i>Current Biology</i> , 2022, 32, 2858-2870.e7.	3.9	18
60	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
61	The Salafia method rediscovered. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2009, 454, 355-357.	2.8	17
62	Tuberculosis in evolution. <i>Tuberculosis</i> , 2015, 95, S1-S3.	1.9	17
63	miRNAs in ancient tissue specimens of the Tyrolean Iceman. <i>Molecular Biology and Evolution</i> , 2017, 34, msw291.	8.9	17
64	Possible evidence for care and treatment in the Tyrolean Iceman. <i>International Journal of Paleopathology</i> , 2019, 25, 110-117.	1.4	15
65	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
66	Paleoradiology of the Savoca Mummies, Sicily, Italy (18th-19th Centuries AD). <i>Anatomical Record</i> , 2015, 298, 988-1000.	1.4	14
67	Computed Tomographic Evidence of Atherosclerosis in the Mummified Remains of Humans From Around the World. <i>Global Heart</i> , 2014, 9, 187.	2.3	14
68	<i>Helicobacter pylori</i> in ancient human remains. <i>World Journal of Gastroenterology</i> , 2019, 25, 6289-6298.	3.3	13
69	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
70	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
71	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
72	Paleopathology in the Piraino mummies as illustrated by X-rays. <i>Anthropological Science</i> , 2017, 125, 25-33.	0.4	10

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73	Verification of tuberculosis infection among Vajc 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
74	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
75	Perimortem sharp force trauma in an individual from the early medieval cemetery of SAben-Sabiona in South Tyrol, Italy. <i>International Journal of Paleopathology</i> , 2019, 27, 46-55.	1.4	9
76	Funerary Artifacts, Social Status, and Atherosclerosis in Ancient Peruvian Mummy Bundles. <i>Global Heart</i> , 2014, 9, 219.	2.3	9
77	Malignant tumors in two ancient populations: An approach to historical tumor epidemiology. <i>Oncology Reports</i> , 2006, 16, 197.	2.6	8
78	The Current Situation of the Tyrolean Iceman. <i>Gerontology</i> , 2019, 65, 699-706.	2.8	8
79	Theoretical aspects of physical-chemical parameters for the correct conservation of mummies on display in museums and preserved in storage rooms. <i>Journal of Cultural Heritage</i> , 2013, 14, 480-484.	3.3	7
80	Revision of tuberculous lesions in the BAlcsalmAls series - preliminary morphological and biomolecular studies. <i>Anthropologischer Anzeiger</i> , 2013, 70, 83-100.	0.4	7
81	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
82	A rare case of calvarial tuberculosis from the Avar Age (8th century CE) cemetery of KabaBitzug (Hajd-Bihar county, Hungary) Pathogenesis and differential diagnostic aspects. <i>Tuberculosis</i> , 2022, 135, 102226.	1.9	7
83	Single particle adsorbing transfer system. <i>Biomedical Microdevices</i> , 2009, 11, 609-614.	2.8	6
84	Hypoplastic left heart in the 6500-year-old Detmold Child. <i>Lancet, The</i> , 2015, 385, 2432.	13.7	6
85	The Lady from BaselBarfasserkirche Molecular confirmation of the Mummy's identity through mitochondrial DNA of living relatives spanning 22 generations. <i>Forensic Science International: Genetics</i> , 2022, 56, 102604.	3.1	6
86	Controlled Self-Assembly of Collagen Fibrils by an Automated Dialysis System. <i>Journal of Biomechanical Engineering</i> , 2006, 128, 792-796.	1.3	5
87	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
88	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
89	Atherosclerosis: A Longue Durée Approach. <i>Global Heart</i> , 2019, 9, 239.	2.3	5
90	Ancient DNA diffuses from human bones to cave stones. <i>IScience</i> , 2021, 24, 103397.	4.1	5

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91	Lipid biomarker-based verification of TB infection in mother's and daughter's mummified human remains (Vajc Mummy Collection, 18th century, CE, Hungary). <i>Acta Biologica Szegediensis</i> , 2021, 64, 99-109.	0.3	4
92	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
93	Radiological evidence of purulent infections in ancient Egyptian child mummies. <i>International Journal of Paleopathology</i> , 2022, 36, 30-35.	1.4	4
94	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
95	Tuberculosis infection in a late-medieval Hungarian population. <i>Tuberculosis</i> , 2015, 95, S60-S64.	1.9	3
96	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
97	DNA methylation profiling in mummified human remains from the eighteenth-century. <i>Scientific Reports</i> , 2021, 11, 15493.	3.3	3
98	Past Leprae. , 2008, , 99-123.		3
99	Tuberculosis in early medieval Switzerland – osteological and molecular evidence. <i>Swiss Medical Weekly</i> , 2016, 146, w14269.	1.6	3
100	Metagenomic analysis reveals mixed <i>Mycobacterium tuberculosis</i> infection in a 18th century Hungarian midwife. <i>Tuberculosis</i> , 2022, , 102181.	1.9	3
101	The Eyes of Oetzi: The Tyrolean Iceman Mummy. <i>Ophthalmology</i> , 2019, 126, 530.	5.2	2
102	Trauma patterns and injury prevalence in early medieval Sabionna, Italy. <i>International Journal of Osteoarchaeology</i> , 2021, 31, 820-832.	1.2	2
103	Ancient DNA analysis of rare genetic bone disorders. <i>International Journal of Paleopathology</i> , 2021, 33, 182-187.	1.4	2
104	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
105	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". <i>Rivista Del Museo Egizio</i> , 0, 3, .	0.0	2
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109	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
110	â€œCeltsâ€•up and down the Alps. Insights on mobility patterns in the <scp>preâ€•Roman</scp>/Celtic population from Verona (<scp>NE</scp> Italy, 3rdâ€•1st c. <scp>BCE</scp>): A multiâ€•isotopic approach. <i>American Journal of Biological Anthropology</i> , 2022, 178, 513-529.	1.1	1
111	Biological Anthropology: Prospects and Perspectives. <i>Anthropologischer Anzeiger</i> , 2014, 71, 1-1.	0.4	0
112	Reply. <i>Ophthalmology</i> , 2020, 127, e5.	5.2	0
113	Eugen Strouhal (1931â€•), 2012, , 126-130.		0
114	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
115	Prone burials and evidence of interpersonal violence: A case study from early medieval Bavaria, Germany. <i>International Journal of Osteoarchaeology</i> , 0, , .	1.2	0