Irena ZupaniÄ•PajniÄ•

List of Publications by Year
in descending order

Version: 2024-02-01

32 papers	606 citations	840776 11 h-index	610901 24 g-index
33 all docs	33 docs citations	33 times ranked	512 citing authors

#	Article	IF	Citations
1	Toward Male Individualization with Rapidly Mutating Y-Chromosomal Short Tandem Repeats. Human Mutation, 2014, 35, 1021-1032.	2.5	151
2	Molecular genetic identification of skeletal remains from the Second World War Konfin I mass grave in Slovenia. International Journal of Legal Medicine, 2010, 124, 307-317.	2.2	72
3	Extraction of DNA from Human Skeletal Material. Methods in Molecular Biology, 2016, 1420, 89-108.	0.9	47
4	Bringing colour back after 70 years: Predicting eye and hair colour from skeletal remains of World War II victims using the HIrisPlex system. Forensic Science International: Genetics, 2017, 26, 48-57.	3.1	42
5	Highly efficient automated extraction of DNA from old and contemporary skeletal remains. Journal of Clinical Forensic and Legal Medicine, 2016, 37, 78-86.	1.0	36
6	Highly efficient nuclear DNA typing of the World War II skeletal remains using three new autosomal short tandem repeat amplification kits with the extended European Standard Set of loci. Croatian Medical Journal, 2012, 53, 17-23.	0.7	32
7	Prediction of autosomal STR typing success in ancient and Second World War bone samples. Forensic Science International: Genetics, 2017, 27, 17-26.	3.1	26
8	High DNA yield from metatarsal and metacarpal bones from Slovenian Second World War skeletal remains. Forensic Science International: Genetics, 2021, 51, 102426.	3.1	25
9	Identifying victims of the largest Second World War family massacre in Slovenia. Forensic Science International, 2020, 306, 110056.	2.2	19
10	ATR-FTIR spectroscopy combined with data manipulation as a pre-screening method to assess DNA preservation in skeletal remains. Forensic Science International: Genetics, 2020, 44, 102196.	3.1	18
11	Searching for the mother missed since the Second World War. Journal of Clinical Forensic and Legal Medicine, 2016, 44, 138-142.	1.0	12
12	Slovenian population data for five new European Standard Set Short tandem repeat loci and SE33 locus. Croatian Medical Journal, 2014, 55, 14-18.	0.7	11
13	Intra-bone nuclear DNA variability in Second World War metatarsal and metacarpal bones. International Journal of Legal Medicine, 2021, 135, 1245-1256.	2.2	11
14	Producing standard damaged DNA samples by heating: pitfalls and suggestions. Analytical Biochemistry, 2018, 549, 107-112.	2.4	9
15	Rapidly mutating Y-STR analyses of compromised forensic samples. International Journal of Legal Medicine, 2018, 132, 397-403.	2.2	9
16	Strategy for STR typing of bones from the Second World War combining CE and NGS technology: A pilot study. Forensic Science International: Genetics, 2021, 50, 102401.	3.1	9
17	Separating forensic, WWII, and archaeological human skeletal remains using ATR-FTIR spectra. International Journal of Legal Medicine, 2020, 134, 811-821.	2.2	8
18	Nails as a primary sample type for molecular genetic identification of highly decomposed human remains. International Journal of Legal Medicine, 2020, 134, 1629-1638.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Comparison of nuclear DNA yield and STR typing success in Second World War petrous bones and metacarpals III. Forensic Science International: Genetics, 2021, 55, 102578.	3.1	8
20	Highly degraded RNA can still provide molecular information: An in vitro approach. Electrophoresis, 2020, 41, 386-393.	2.4	7
21	Identification of a Slovenian prewar elite couple killed in the Second World War. Forensic Science International, 2021, 327, 110994.	2.2	7
22	Intra-bone nuclear DNA variability and STR typing success in Second World War 12th thoracic vertebrae. Forensic Science International: Genetics, 2021, 55, 102587.	3.1	7
23	On the long term storage of forensic DNA in water. Forensic Science International, 2019, 305, 110031.	2.2	6
24	Storage of Second World War bone samples: Bone fragments versus bone powder. Forensic Science International: Genetics Supplement Series, 2019, 7, 175-176.	0.3	5
25	Preservation state assessment and post-mortem interval estimation of human skeletal remains using ATR-FTIR spectra. Australian Journal of Forensic Sciences, 2022, 54, 511-532.	1.2	5
26	Intra-bone nuclear DNA variability and STR typing success in Second World War first ribs. International Journal of Legal Medicine, 2021, 135, 2199-2208.	2.2	4
27	Analyses of Second World War Skeletal Remains Using a Forensic Approach. , 2020, , 153-179.		3
28	Bone fragment or bone powder? ATR-FTIR spectroscopyâ€“based comparison of chemical composition and DNA preservation of bones after 10Âyears in a freezer. International Journal of Legal Medicine, 2021, 135, 1695-1707.	2.2	2
29	Isometric artifacts from polymerase chain reactionâ€massively parallel sequencing analysis of short tandem repeat loci: an emerging issue from a new technology?. Electrophoresis, 2022, , .	2.4	2
30	Comparison of DNA preservation between ribs and vertebrae. International Journal of Legal Medicine, 2022, 136, 1247-1253.	2.2	2
31	Prolonged DNA hydrolysis in water: A study on DNA stability. Data in Brief, 2018, 20, 1237-1243.	1.0	1
32	Dealing with minor differences in bone matrix: can spectra follow the DNA preservation?. Australian Journal of Forensic Sciences, 0, , 1-20.	1.2	1