Michael Klintschar

List of Publications by Year
in descending order

102	2,290	279487	243296
papers	citations	23 h-index	44 g-index

107	107	107	2614
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mutation Rate in Human Microsatellites: Influence of the Structure and Length of the Tandem Repeat. American Journal of Human Genetics, 1998, 62, 1408-1415.	2.6	691
2	Induction of cardiac FGF23/FGFR4 expression is associated with left ventricular hypertrophy in patients with chronic kidney disease. Nephrology Dialysis Transplantation, 2016, 31, 1088-1099.	0.4	168
3	Evidence of Fetal Microchimerism in Hashimoto's Thyroiditis. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 2494-2498.	1.8	114
4	Fibroblast growth factor 23 is induced by an activated reninâ€“angiotensinâ€“aldosterone system in cardiac myocytes and promotes the pro-fibrotic crosstalk between cardiac myocytes and fibroblasts. Nephrology Dialysis Transplantation, 2018, 33, 1722-1734.	0.4	78
5	Fetal microchimerism in Hashimotoâ€™s thyroiditis: a quantitative approach. European Journal of Endocrinology, 2006, 154, 237-241.	1.9	77
6	Massive injury to the heart after attempted active compression-decompression cardiopulmonary resuscitation. International Journal of Legal Medicine, 1998, 111, 93-96.	1.2	60
7	SEPARATION OF SPERM AND VAGINAL CELLS WITH FLOW CYTOMETRY FOR DNA TYPING AFTER SEXUAL ASSAULT. Obstetrics and Gynecology, 1999, 94, 623-627.	1.2	37
8	Haplotype studies support slippage as the mechanism of germline mutations in short tandem repeats. Electrophoresis, 2004, 25, 3344-3348.	1.3	37
9	A Functional Polymorphism in the Tyrosine Hydroxylase Gene Indicates a Role of Noradrenalinergic Signaling in Sudden Infant Death Syndrome. Journal of Pediatrics, 2008, 153, 190-193.	0.9	36
10	Postmortem concentration distribution in fatal cases involving the synthetic opioid U-47700. International Journal of Legal Medicine, 2017, 131, 1555-1556.	1.2	36
11	Heparan Sulfateâ€“Editing Extracellular Sulfatases Enhance VEGF Bioavailability for Ischemic Heart Repair. Circulation Research, 2019, 125, 787-801.	2.0	35
12	EMC10 (Endoplasmic Reticulum Membrane Protein Complex Subunit 10) Is a Bone Marrowâ€“Derived Angiogenic Growth Factor Promoting Tissue Repair After Myocardial Infarction. Circulation, 2017, 136, 1809-1823.	1.6	32
13	Comparison of different interpretation strategies for low template DNA mixtures. Forensic Science International: Genetics, 2012, 6, 716-722.	1.6	31
14	Association Between a Functional Polymorphism in the MAOA Gene and Sudden Infant Death Syndrome. Pediatrics, 2012, 129, e756-e761.	1.0	30
15	Scheduled multiple reaction monitoring algorithm as a way to analyse new designer drugs combined with synthetic cannabinoids in human serum with liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 929, 84-89.	1.2	30
16	DNA methylation results depend on DNA integrityÃ¢â‚¬â€role of post mortem interval. Frontiers in Genetics, 2015, 6, 182.	1.1	30
17	Marfan syndrome: clinical consequences resulting from a medicolegal autopsy of a case of sudden death due to aortic rupture. International Journal of Legal Medicine, 2009, 123, 55-58.	1.2	27
18	A study of the short tandem repeat systems HUMVWA and HUMTH01 in an Austrian population sample. International Journal of Legal Medicine, 1995, 107, 329-330.	1.2	26

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19	Transfer of biological stains from different surfaces. International Journal of Legal Medicine, 2011, 125, 727-731.	1.2	26
20	Whole-exome sequencing identifies mutations of TBC1D1 encoding a Rab-GTPase-activating protein in patients with congenital anomalies of the kidneys and urinary tract (CAKUT). Human Genetics, 2016, 135, 69-87.	1.8	25
21	LCâ€“MS/MS screening strategy for cannabinoids, opiates, amphetamines, cocaine, benzodiazepines and methadone in human serum, urine and post-mortem blood as an effective alternative to immunoassay based methods applied in forensic toxicology for preliminary examination. Forensic Chemistry, 2018, 7, 33-37.	1.7	25
22	Germline mutations of STR-alleles include multi-step mutations as defined by sequencing of repeat and flanking regions. Forensic Science International: Genetics, 2012, 6, 381-386.	1.6	24
23	Small molecule adduct formation with the components of the mobile phase as a way to analyse valproic acid in human serum with liquid chromatography-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 959, 36-41.	1.2	24
24	Y-chromosomal STR haplotype analysis reveals surname-associated strata in the East-German population. European Journal of Human Genetics, 2006, 14, 577-582.	1.4	23
25	New alleles and mutational events at 14 STR loci from different German populations. Forensic Science International: Genetics, 2007, 1, 232-237.	1.6	22
26	A study on the short tandem repeat systems HumCD4, HumTH01 and HumFIBRA in population samples from Yemen and Egypt. International Journal of Legal Medicine, 1998, 111, 107-109.	1.2	21
27	Doublesex and mab-3 related transcription factor 1 (DMRT1) is a sex-specific genetic determinant of childhood-onset asthma and is expressed in testis and macrophages. Journal of Allergy and Clinical Immunology, 2016, 138, 421-431.	1.5	21
28	Death from Electrocution During Autoerotic Practice. American Journal of Forensic Medicine and Pathology, 1998, 19, 190-193.	0.4	21
29	DNA polymorphisms in the tyrosin hydroxylase and GNB3 genes: association with unexpected death from acute myocardial infarction and increased heart weight. Forensic Science International, 2005, 153, 142-146.	1.3	20
30	Adduct supported analysis of Î³-hydroxybutyrate in human serum with LC-MS/MS. Analytical and Bioanalytical Chemistry, 2013, 405, 6595-6597.	1.9	20
31	Candidate gene variants of the immune system and sudden infant death syndrome. International Journal of Legal Medicine, 2016, 130, 1025-1033.	1.2	19
32	Inference of biogeographical ancestry across central regions of Eurasia. International Journal of Legal Medicine, 2016, 130, 73-79.	1.2	17
33	Sudden cardiac death in hereditary hemochromatosis: an underestimated cause of death?. International Journal of Legal Medicine, 2004, 118, 174-177.	1.2	16
34	Germline Genetics of the p53 Pathway Affect Longevity in a Gender Specific Manner. Current Aging Science, 2014, 7, 91-100.	0.4	16
35	Modified primers for D12S391 and a modified silver staining technique. International Journal of Legal Medicine, 1999, 112, 342-344.	1.2	14
36	Polymorphisms in genes of respiratory control and sudden infant death syndrome. International Journal of Legal Medicine, 2015, 129, 977-984.	1.2	14

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37	Validation of the STR system FES/FPS for forensic purposes in an Austrian population sample. International Journal of Legal Medicine, 1995, 108, 162-164.	1.2	13
38	Population genetic data, comparison of the repeat structure and mutation events of two short STRs. International Journal of Legal Medicine, 2002, 116, 258-261.	1.2	12
39	Advantages of X-chromosomal microsatellites in deficiency paternity testing: presentation of cases. International Congress Series, 2004, 1261, 257-259.	0.2	12
40	â€œPaterniplexâ€¸ a highly discriminative decaplex STR multiplex tailored for investigating special problems in paternity testing. Electrophoresis, 2007, 28, 3868-3874.	1.3	12
41	Femoral interference screw fixation of hamstring and quadriceps tendons for ACL reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2017, 25, 1241-1248.	2.3	11
42	TH01, a Tetrameric Short Tandem Repeat Locus in the Tyrosine Hydroxylase Gene: Association with Myocardial Hypertrophy and Death from Myocardial Infarction?. Disease Markers, 2005, 21, 9-13.	0.6	10
43	Association between polymorphisms in the P2RY1 and SSTR2 genes and sudden infant death syndrome. International Journal of Legal Medicine, 2013, 127, 1087-1091.	1.2	10
44	Open-ended coaxial probe for the quantification of edema in human brain tissue. Sensors and Actuators B: Chemical, 2014, 204, 763-769.	4.0	10
45	A novel coplanar probe design for fast scanning of edema in human brain tissue via dielectric measurements. Sensors and Actuators B: Chemical, 2015, 220, 522-527.	4.0	10
46	Are porcine flexor digitorum profundus tendons suitable graft substitutes for human hamstring tendons in biomechanical in vitro-studies?. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 681-686.	1.3	10
47	The distribution of DIS80 (pMCT118) alleles in an Austrian population sample - description of two new alleles. International Journal of Legal Medicine, 1995, 107, 225-226.	1.2	9
48	Questionable association between a monoamine oxidase A promoter polymorphism and sudden infant death syndrome. Neurogenetics, 2010, 11, 367-368.	0.7	9
49	Significant differences between Yemenite and Egyptian STR profiles and the influence on frequency estimations in Arabs. International Journal of Legal Medicine, 2001, 114, 211-214.	1.2	8
50	Fetal Microchimerism Is Common in Normal and Diseased Vulvar Skin. Journal of Investigative Dermatology, 2004, 122, 1059-1060.	0.3	8
51	Postmortem findings of pipamperone after fatal intoxications and its distribution in body fluids and tissues. Drug Testing and Analysis, 2019, 11, 626-630.	1.6	8
52	Evidence for an association of interferon gene variants with sudden infant death syndrome. International Journal of Legal Medicine, 2019, 133, 863-869.	1.2	8
53	Fatal truck-bicycle accident involving dragging for 45ï¿½km. International Journal of Legal Medicine, 2003, 117, 226-228.	1.2	7
54	Mutation rates at 23 different short tandem repeat loci. International Congress Series, 2003, 1239, 565-567.	0.2	7

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55	New sequence data of allelic variants at the STR loci ACTBP2 (SE33), D21S11, FGA, vWA, CSF1PO, D2S1338, D16S539, D18S51 and D19S433 in Caucasoids. International Congress Series, 2004, 1261, 191-193.	0.2	7
56	Mitochondrial deoxyribonucleic acid may play a role in a subset of sudden infant death syndrome cases. Acta Paediatrica, International Journal of Paediatrics, 2014, 103, 775-779.	0.7	7
57	Overview of clinical forensic services in various countries of the European Union. Forensic Sciences Research, 2020, 5, 74-84.	0.9	7
58	Three-dimensional templating in hip arthroplasty: the basis for template-directed instrumentation?. Archives of Orthopaedic and Trauma Surgery, 2020, 140, 827-833.	1.3	7
59	Gene variants associated with obstructive sleep apnea (OSA) in relation to sudden infant death syndrome (SIDS). International Journal of Legal Medicine, 2021, 135, 1499-1506.	1.2	7
60	Determination of drugs in exhumed liver and brain tissue after over 9â€‰years of burial by liquid chromatographyâ€“tandem mass spectrometryâ€”Part 2: Benzodiazepines, opioids, and further drugs. Drug Testing and Analysis, 2021, 13, 1318-1330.	1.6	7
61	Detection of pharmaceuticals in â€œdirty spriteâ€•using gas chromatography and mass spectrometry. Drug Testing and Analysis, 2022, 14, 539-544.	1.6	7
62	Study on the STR TPOX in an Italian and an Austrian population using two different primer pairs and three different electrophoretic methods. International Journal of Legal Medicine, 1998, 111, 212-214.	1.2	6
63	Estimating the ethnic origin (EEO) of individuals using short tandem repeat loci of forensic relevance. International Congress Series, 2003, 1239, 53-56.	0.2	6
64	Y-chromosomal STR haplotypes in an Arab population from Yemen. International Congress Series, 2004, 1261, 340-343.	0.2	6
65	Population genetic analysis in a Libyan population using the PowerPlex 16 system. International Congress Series, 2006, 1288, 421-423.	0.2	6
66	Y-chromosomal STR haplotypes in an Arab population from Libya. International Congress Series, 2006, 1288, 156-158.	0.2	6
67	No association of SIDS with two polymorphisms in genes relevant for the noradrenergic system: COMT and DBH. Acta Paediatrica, International Journal of Paediatrics, 2012, 101, 1079-1082.	0.7	6
68	Letter to the Editor-Consumption of Levamisole in Cocaine Preparations. Journal of Forensic Sciences, 2015, 60, 538-538.	0.9	6
69	Simple protein precipitation-based analysis of Î”9-tetrahydrocannabinol and its metabolites in human serum by liquid chromatographyâ€“tandem mass spectrometry. Forensic Toxicology, 2017, 35, 190-194.	1.4	6
70	Genomeâ€wide SNP typing of ancient DNA: Determination of hair and eye color of Bronze Age humans from their skeletal remains. American Journal of Physical Anthropology, 2020, 172, 99-109.	2.1	6
71	Imatinib quantification in human serum with LC-MS3 as an effective way of protein kinase inhibitor analysis in biological matrices. Drug Metabolism and Personalized Therapy, 2017, 32, 147-150.	0.3	5
72	Determination of drugs in exhumed liver and brain tissue after over 9 years of burial by liquid chromatographyâ€tandem mass spectrometryâ€”Part 1: Cardiovascular drugs. Drug Testing and Analysis, 2021, 13, 595-603.	1.6	5

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73	Two case studies of chronic idiopathic neutropenia preceding acute myeloid leukaemia. British Journal of Haematology, 1999, 105, 431-3.	1.2	5
74	Genetic variation and sequence studies of a highly variable short tandem repeat at the D17S976 locus. International Journal of Legal Medicine, 1998, 112, 50-54.	1.2	4
75	Monoamine oxidase A and sudden infant death syndrome. Journal of Pediatrics, 2013, 163, 1533.	0.9	4
76	Identification of forensic samples by using an infrared-based automatic DNA sequencer. Croatian Medical Journal, 2003, 44, 299-305.	0.2	4
77	D1S1171: a new highly variable short tandem repeat polymorphism. International Journal of Legal Medicine, 2002, 116, 195-197.	1.2	3
78	HumTHO1 and blood pressure. An obstacle for forensic applications?. International Congress Series, 2004, 1261, 589-591.	0.2	3
79	A case of instantaneous rigor?. International Journal of Legal Medicine, 2013, 127, 971-974.	1.2	3
80	Genetic association study of fatal pulmonary embolism. International Journal of Legal Medicine, 2021, 135, 143-151.	1.2	3
81	Sudden infant death syndrome revisited: serotonin transporter gene, polymorphisms and promoter methylation. Pediatric Research, 2022, 92, 694-699.	1.1	3
82	Unusual treatment of slaughtererâ€™s gun injury. Injury, 1999, 30, 537-538.	0.7	2
83	The hand of Lunow-verification of an ancient tale using DNA analysis. International Congress Series, 2003, 1239, 605-607.	0.2	2
84	Population genetic analysis in a German population from Saxony-Anhalt using the Powerplexâ„¢ 16 system. International Congress Series, 2004, 1261, 216-218.	0.2	2
85	Physical location and linked genes of common forensic STR markers. International Congress Series, 2006, 1288, 801-803.	0.2	2
86	Analyzing histological material to determine ajmaline and other drugs using highâ€performance liquid chromatography/tandem mass spectrometry. Drug Testing and Analysis, 2018, 10, 1488-1490.	1.6	2
87	Just another railway fatality. International Journal of Legal Medicine, 2020, 134, 1785-1790.	1.2	2
88	Another umbrella murder? â€“ A rare case of Minamata disease. Forensic Science, Medicine, and Pathology, 2020, 16, 504-509.	0.6	2
89	Age-Related DNA Methylation in Normal Kidney Tissue Identifies Epigenetic Cancer Risk Susceptibility Loci in the ANKRD34B and ZIC1 Genes. International Journal of Molecular Sciences, 2022, 23, 5327.	1.8	2
90	DNA STR typing for forensic use. Two methods and two instruments in comparison: IR-based sequencer and UV-based sequencer. International Congress Series, 2003, 1239, 723-727.	0.2	1

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91	Quantification of edema in human brain tissue by determination of electromagnetic parameters. , 2013, , .		1
92	Permittivity measurements for the quantification of edema in human brain tissue - Open-ended coaxial and coplanar probes for fast tissue scanning. , 2014, , .		1
93	Multimodal Elimination for Intoxication with a Lethal Dose of Organic Mercury. Case Reports in Critical Care, 2019, 2019, 1-4.	0.2	1
94	High-throughput 16S rDNA sequencing assisting in the detection of bacterial pathogen candidates: a fatal case of necrotizing fasciitis in a child. International Journal of Legal Medicine, 2021, 135, 399-407.	1.2	1
95	Fatal anogenital exenteration of the intestine. Forensic Science, Medicine, and Pathology, 2021, , 1.	0.6	1
96	Antemortem and postmortem rodenticide analysis in forensic toxicology as a part of an LCâ€MS/MSâ€based multiâ€target screening strategy. Drug Testing and Analysis, 2022, 14, 1149-1154.	1.6	1
97	Variants in genes encoding the SUR1-TRPM4 non-selective cation channel and sudden infant death syndrome (SIDS): potentially increased risk for cerebral edema. International Journal of Legal Medicine, 2022, , 1.	1.2	1
98	D1S1171: a new highly variable short tandem repeat polymorphism located on chromosome 1. International Congress Series, 2003, 1239, 741-743.	0.2	0
99	An isolated exclusion in the FGA system. International Congress Series, 2004, 1261, 148-150.	0.2	0
100	Letter to the Editor-The Problem of Caffeine Consumption in the Bodybuilding Scene. Journal of Forensic Sciences, 2015, 60, 542-543.	0.9	0
101	Sample pooling as an effective way of simultaneous analysis of new designer drugs together with synthetic cannabinoids in human serum provided by therapy and forensic psychiatric centres. Medicine, Science and the Law, 2016, 56, 155-156.	0.6	0
102	Practical aspect of dimer adduct formation in small-molecule drug analysis with LC-MS/MS. Bioanalysis, 2021, 13, 1671-1679.	0.6	0