Hiroshi Ikegaya

List of Publications by Year in descending order

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		331670	302126
136	2,013	21	39
papers	citations	h-index	g-index
141	141	141	2116
111	111	111	2110
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Survival of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and Influenza Virus on Human Skin: Importance of Hand Hygiene in Coronavirus Disease 2019 (COVID-19). Clinical Infectious Diseases, 2021, 73, e4329-e4335.	5.8	174
2	Age-Related Urinary Excretion of BK Polyomavirus by Nonimmunocompromised Individuals. Journal of Clinical Microbiology, 2007, 45, 193-198.	3.9	108
3	Relationships between BK virus lineages and human populations. Microbes and Infection, 2007, 9, 204-213.	1.9	106
4	Distribution patterns of BK polyomavirus (BKV) subtypes and subgroups in American, European and Asian populations suggest co-migration of BKV and the human race. Journal of General Virology, 2009, 90, 144-152.	2.9	97
5	Biochemical blood markers and sampling sites in forensic autopsy. Journal of Clinical Forensic and Legal Medicine, 2008, 15, 312-317.	1.0	81
6	Evaluation of mRNA-based approach for identification of saliva and semen. Legal Medicine, 2009, 11, 125-128.	1.3	78
7	JC virus genotyping offers a new paradigm in the study of human populations. Reviews in Medical Virology, 2004, 14, 179-191.	8.3	74
8	Identification of a genomic subgroup of BK polyomavirus spread in European populations. Journal of General Virology, 2006, 87, 3201-3208.	2.9	60
9	Blood–brain barrier penetration of novel pyridinealdoxime methiodide (PAM)-type oximes examined by brain microdialysis with LC-MS/MS. Toxicology and Applied Pharmacology, 2008, 227, 8-15.	2.8	55
10	An Asian Origin for Subtype IV BK Virus Based on Phylogenetic Analysis. Journal of Molecular Evolution, 2007, 65, 103-111.	1.8	50
11	Raman spectroscopy of human skin: looking for a quantitative algorithm to reliably estimate human age. Journal of Biomedical Optics, 2015, 20, 065008.	2.6	42
12	JC Virus Strains Indigenous to Northeastern Siberians and Canadian Inuits Are Unique But Evolutionally Related to Those Distributed Throughout Europe and Mediterranean Areas. Journal of Molecular Evolution, 2002, 55, 322-335.	1.8	37
13	New Safe Method for Preparation of Sarin-Exposed Human Erythrocytes Acetylcholinesterase Using Non-Toxic and Stable Sarin Analogue Isopropyl p-Nitrophenyl Methylphosphonate and its Application to Evaluation of Nerve Agent Antidotes. Pharmaceutical Research, 2006, 23, 2827-2833.	3.5	37
14	New sequence polymorphisms in the outer loops of the JC polyomavirus major capsid protein (VP1) possibly associated with progressive multifocal leukoencephalopathy. Journal of General Virology, 2005, 86, 2035-2045.	2.9	34
15	Diagnosis of cyanide intoxication by measurement of cytochrome c oxidase activity. Toxicology Letters, 2001, 119, 117-123.	0.8	31
16	Disinfectant effectiveness against SARS-CoV-2 and influenza viruses present on human skin: model-based evaluation. Clinical Microbiology and Infection, 2021, 27, 1042.e1-1042.e4.	6.0	31
17	Hydrolysis of an acetylthiocholine by pralidoxime iodide (2-PAM). Toxicology Letters, 2006, 166, 255-260.	0.8	28
18	Characterization of the VP1 loop mutations widespread among JC polyomavirus isolates associated with progressive multifocal leukoencephalopathy. Biochemical and Biophysical Research Communications, 2005, 333, 996-1002.	2.1	26

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19	Alterations of neurotransmitter norepinephrine and gamma-aminobutyric acid correlate with murine behavioral perturbations related to bisphenol A exposure. Brain and Development, 2015, 37, 739-746.	1.1	24
20	Isolation and unnatural death of elderly people in the aging Japanese society. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 80-83.	2.1	24
21	BK virus genotype distribution offers information of tracing the geographical origins of unidentified cadaver. Forensic Science International, 2007, 173, 41-46.	2.2	23
22	Evaluation of Tammâ€Horsfall Protein and Uroplakin III for Forensic Identification of Urine. Journal of Forensic Sciences, 2010, 55, 742-746.	1.6	22
23	Development of rigor mortis is not affected by muscle volume. Forensic Science International, 2001, 117, 213-219.	2.2	21
24	Forensic application of Epstein-Barr virus genotype: Correlation between viral genotype and geographical area. Journal of Virological Methods, 2008, 147, 78-85.	2.1	21
25	Low pH of interstitial fluid around hippocampus of the brain in diabetic OLETF rats. Molecular and Cellular Therapies, 2014, 2, 6.	0.2	21
26	Spectral Mining for Discriminating Blood Origins in the Presence of Substrate Interference via Attenuated Total Reflection Fourier Transform Infrared Spectroscopy: Postmortem or Antemortem Blood?. Analytical Chemistry, 2017, 89, 9797-9804.	6.5	21
27	Conserved archetypal configuration of the transcriptional control region during the course of BK polyomavirus evolution. Journal of General Virology, 2008, 89, 1849-1856.	2.9	20
28	Detection of varicellaâ€zoster virus DNA in 414 human trigeminal ganglia from cadavers by the polymerase chain reaction: A comparison of the detection rate of varicellaâ€zoster virus and herpes simplex virus type 1. Journal of Medical Virology, 2010, 82, 345-349.	5.0	20
29	Detection of herpes simplex virus type 1 DNA in bilateral human trigeminal ganglia and optic nerves by polymerase chain reaction. Journal of Medical Virology, 2006, 78, 1584-1587.	5.0	19
30	Regional distribution of two related Northeast Asian genotypes of JC virus, CY-a and -b: implications for the dispersal of Northeast Asians. Microbes and Infection, 2004, 6, 596-603.	1.9	17
31	Trial for the geographical identification using JC viral genotyping in Japan. Forensic Science International, 2004, 139, 169-172.	2.2	17
32	Death due to duodenal obstruction in a patient with an eating disorder: A case report. International Journal of Eating Disorders, 2006, 39, 350-352.	4.0	17
33	Blood creatinine level in postmortem cases. Science and Justice - Journal of the Forensic Science Society, 2015, 55, 195-199.	2.1	17
34	Genetic diversity of JC virus in the Saami and the Finns: Implications for their population history. American Journal of Physical Anthropology, 2005, 128, 185-193.	2.1	16
35	A case of sudden death after intramuscular injection of butylscopolamine bromide. Legal Medicine, 2006, 8, 194-197.	1.3	16
36	Effects of oximes on mitochondrial oxidase activity. Toxicology Letters, 2009, 189, 110-114.	0.8	16

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37	Correlation of polyamines, acrolein-conjugated lysine and polyamine metabolic enzyme levels with age in human liver. Heliyon, 2020, 6, e05031.	3.2	15
38	Experimental Study on the Postmortem Redistribution of the Substituted Phenethylamine, 25Bâ€NBOMe. Journal of Forensic Sciences, 2018, 63, 588-591.	1.6	14
39	Immobilization stress-induced thymocyte apoptosis in rats. Life Sciences, 2001, 69, 155-165.	4.3	13
40	Determination of the geographical origin of unidentified cadavers based on geographical differences in genotype of varicella–zoster virus. Journal of Medical Virology, 2010, 82, 903-908.	5.0	13
41	A Novel Method for ABO Genotyping Using a DNA Chip. Journal of Forensic Sciences, 2011, 56, S183-7.	1.6	13
42	Successful quantification of 4′-methyl-α-pyrrolidinohexanophenone (MPHP) in human urine using LC–TOF-MS in an autopsy case. Forensic Toxicology, 2016, 34, 398-402.	2.4	13
43	Postmortem changes in cytochrome c oxidase activity in various organs of the rat and in human heart. Forensic Science International, 2000, 108, 181-186.	2.2	12
44	Correlation between age and the efficacy of ESWL. BJU International, 2005, 96, 1145-1145.	2.5	12
45	Usefulness of Dura Mater in Providing DNA Samples for Identifying Cadavers. Journal of Forensic Sciences, 2006, 51, 888-892.	1.6	12
46	Vertebral Artery Rupture in a Sudden Death Case After Mild Trauma. American Journal of Forensic Medicine and Pathology, 2008, 29, 276-278.	0.8	12
47	Estimation of postmortem time based on aorta narrowing in CT imaging. Journal of Clinical Forensic and Legal Medicine, 2013, 20, 1075-1077.	1.0	12
48	Recent Court Ruling in Japan Exemplifies Another Layer of Regulation for Regenerative Therapy. Cell Stem Cell, 2015, 17, 507-508.	11.1	12
49	5-HT _{2A} Receptor Agonist-Induced Hyperthermia Is Induced via Vasoconstriction by Peripheral 5-HT _{2A} Receptors and Brown Adipose Tissue Thermogenesis by Peripheral Serotonin Loss at a High Ambient Temperature. Journal of Pharmacology and Experimental Therapeutics, 2018, 367, 356-362.	2.5	12
50	Immunohistochemical staining of skin-expressed proteins to identify exfoliated epidermal cells for forensic purposes. Forensic Science International, 2019, 303, 109940.	2.2	12
51	Human blood identification using the genome profiling method. Legal Medicine, 2012, 14, 121-125.	1.3	11
52	Acetaldehyde-induced cytotoxicity involves induction of spermine oxidase at the transcriptional level. Toxicology, 2013, 310, 1-7.	4.2	11
53	Forensic validation of the modified ABO genotyping method using a DNA chip. Legal Medicine, 2013, 15, 222-225.	1.3	11
54	Sudden unexpected death in a patient with epilepsy presenting with high N-terminal probrain natriuretic peptide level, cardiac lesions, and pulmonary edema. International Journal of Cardiology, 2014, 172, e265-e267.	1.7	11

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55	Identification and quantification of 4′-methoxy-α-pyrrolidinobutiophenone (4-MeOPBP) in human plasma and urine using LC–TOF-MS in an autopsy case. Forensic Toxicology, 2015, 33, 348-354.	2.4	11
56	Spermine oxidase promotes bile canalicular lumen formation through acrolein production. Scientific Reports, 2017, 7, 14841.	3.3	10
57	Evaluation of the Residual Disinfection Effects of Commonly Used Skin Disinfectants against Viruses: An Innovative Contact Transmission Control Method. Environmental Science & Environmental Science	10.0	10
58	Usefulness of a latex agglutination assay for FDP D-dimer to demonstrate the presence of postmortem blood. International Journal of Legal Medicine, 2005, 119, 167-171.	2.2	9
59	JC viral DNA chip allows geographical localization of unidentified cadavers for rapid identification. Forensic Science International: Genetics, 2008, 2, 54-60.	3.1	9
60	Correlation between Climate and Crime in Eastern Tokyo. Canadian Journal of Criminology and Criminal Justice, 2008, 50, 225-238.	0.5	9
61	Trials of the detection of semen and vaginal fluid RNA using the genome profiling method. Legal Medicine, 2011, 13, 265-267.	1.3	9
62	A â€~keyhole lesion' gunshot wound in an adipocere case. Legal Medicine, 1999, 1, 170-173.	1.3	8
63	Comparison of the distribution patterns of BK polyomavirus lineages among China, Korea and Japan: Implications for human migrations in northeast Asia. Microbiology and Immunology, 2009, 53, 266-276.	1.4	8
64	Oral administration of ethanol with aspirin increases the concentration of salicylic acid in plasma and organs, especially the brain, in mice. European Journal of Pharmacology, 2010, 635, 184-187.	3.5	8
65	Two cases of oral aspirin overdose. Journal of Clinical Forensic and Legal Medicine, 2010, 17, 280-282.	1.0	8
66	A Raman algorithm to estimate human age from protein structural variations in autopsy skin samples: a protein biological clock. Scientific Reports, 2021, 11, 5949.	3.3	8
67	Detection of the calcium antagonist nicardipine and its metabolites by gas chromatography–mass spectrometry. Forensic Science International, 2002, 130, 25-28.	2.2	7
68	JC virus genotyping using formalin-fixed, paraffin-embedded renal tissues. Journal of Virological Methods, 2005, 126, 37-43.	2.1	7
69	Comparison of postmortem butane distribution between two fatal butane poisoning cases. Legal Medicine, 2018, 35, 69-72.	1.3	7
70	JC Virus Genotyping Can Be Used to Narrow down the Native Place of Persons from Urine Stains. Japanese Journal of Forensic Science and Technology, 2005, 10, 111-117.	0.1	7
71	Tighten up Japan's stem-cell practices. Nature, 2012, 489, 33-33.	27.8	6
72	Administration of rotenone enhanced voluntary alcohol drinking behavior in C57BL/6J mice. Legal Medicine, 2012, 14, 229-238.	1.3	6

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73	Update forensics for deaths in Japan. Nature, 2014, 507, 306-306.	27.8	6
74	Reply to Gracely. Clinical Infectious Diseases, 2021, 73, e854-e856.	5.8	6
75	JC polyomavirus lineages common among Kiribati Islanders: implications for human dispersal in the Pacific. Anthropological Science, 2006, 114, 133-140.	0.4	6
76	Tracing Jomon and Yayoi ancestries in Japan using ALDH2 and JC virus genotype distributions. Investigative Genetics, 2015, 6, 14.	3.3	5
77	cis-9,10-Methylenehexadecanoic Acid Inhibits Contractility and Actomyosin ATPase Activity of Guinea Pig Myocardium. Biochemical and Biophysical Research Communications, 2000, 274, 533-536.	2.1	4
78	Geographical identification of cadavers by human parasites. Forensic Science International: Genetics, 2008, 2, 83-90.	3.1	4
79	Forensic studies of brain vulnerability and resistance: Ischemia-induced dopamine and serotonin releases in the rat nucleus accumbens. Legal Medicine, 2009, 11, S279-S281.	1.3	4
80	Age estimation using cytochrome c oxidase activity analysis. Forensic Science International, 2011, 209, 48-52.	2.2	4
81	A trial of the utilization of stable isotope analysis for the estimation of the geographic origins of unidentified cadavers. Forensic Science International, 2013, 232, 237.e1-237.e5.	2.2	4
82	Temporal evolution in peritoneal hemorrhage as depicted by postmortem CT. Journal of Clinical Forensic and Legal Medicine, 2013, 20, 548-550.	1.0	4
83	Drospirenone detected in postmortem blood of a young woman with pulmonary thromboembolism: A case report and review of the literature. Legal Medicine, 2015, 17, 109-115.	1.3	4
84	Comparison between Temperature Gradient Gel Electrophoresis of Bacterial 16S <scp>rDNA</scp> and Diatom Test for Diagnosis of Drowning. Journal of Forensic Sciences, 2018, 63, 752-757.	1.6	4
85	The relationship between the intramuscular bleeding of the tongue and cause of death. Journal of Clinical Forensic and Legal Medicine, 2018, 59, 50-55.	1.0	4
86	Penile size and stretched rate in a Japanese male population: A crossâ€sectional cadaveric study. International Journal of Urology, 2019, 26, 936-937.	1.0	4
87	Postmortem plasma pentraxin 3 is a useful marker of fatal acute coronary syndrome. Scientific Reports, 2019, 9, 8090.	3.3	4
88	Autoerotic asphyxia using a plastic bag loosely covering the head over a gas mask. Legal Medicine, 2019, 38, 69-72.	1.3	4
89	Two distinct genotypes (MY-x and MX) of JC virus previously identified in Hokkaido Ainu. Anthropological Science, 2005, 113, 225-231.	0.4	4
90	Thiol-Oxidizing Agent Diamide and Acidic pH Enhance Lipid Peroxidation of Rat Heart Mitochondria and Cardiolipin–Cytochrome c Complex. IUBMB Life, 2001, 51, 39-43.	3.4	3

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91	Fatal varicella with multiâ€organ failure associated with lowâ€dose adrenocorticotropic hormone therapy. Pediatrics International, 2012, 54, 305-306.	0.5	3
92	Utilization of bone impedance for age estimation in postmortem cases. Journal of Clinical Forensic and Legal Medicine, 2015, 36, 102-107.	1.0	3
93	Lessons Learned from Autopsying an Unidentified Body with Iodineâ€125 Seeds Implanted for Prostate Brachytherapy. Journal of Forensic Sciences, 2017, 62, 536-540.	1.6	3
94	Age estimation based on visual parameters of the skin of cadavers. Skin Research and Technology, 2019, 25, 532-537.	1.6	3
95	Relationship between serum prostate-specific antigen and age in cadavers. SAGE Open Medicine, 2020, 8, 205031212095821.	1.8	3
96	Estimation of Cadaveric Age by Ultrasonography. Diagnostics, 2020, 10, 499.	2.6	3
97	Nose size indicates maximum penile length. Basic and Clinical Andrology, 2021, 31, 3.	1.9	3
98	Dispersal of southeastern Asians based on a global phylogenetic analysis of JC polyomavirus isolates of genotype SC. Anthropological Science, 2006, 114, 179-186.	0.4	3
99	Development of a BK Virus DNA Chip for Geographical Identification of Unidentified Cadavers. Japanese Journal of Forensic Science and Technology, 2008, 13, 51-58.	0.1	2
100	Detection of Hepatitis C Virus and Antibodies in Postmortem Blood and Bloodstains. Journal of Clinical Microbiology, 2011, 49, 1122-1123.	3.9	2
101	Locational characteristics of the increasing number of forensic autopsy cases in Kyoto, Japan. Medicine, Science and the Law, 2012, 52, 96-99.	1.0	2
102	The utilization of stable isotope analysis for the estimation of the geographic origins of unidentified cadavers. Forensic Science International, 2014, 245, 45-50.	2.2	2
103	Genotypic Polymorphisms of Hepatitis B Virus Provide Useful Information for Estimating Geographical Origin or Place of Longâ€term Residence of Unidentified Cadavers. Journal of Forensic Sciences, 2014, 59, 236-241.	1.6	2
104	A new method for the estimation of age at death by using electrical impedance: A preliminary study. Legal Medicine, 2015, 17, 560-568.	1.3	2
105	Search and removal of radioactive seeds: another application of postmortem computed tomography prior to autopsy. International Journal of Legal Medicine, 2016, 130, 1329-1332.	2.2	2
106	Infant fatality case with excessive chylous ascites. Legal Medicine, 2018, 32, 23-26.	1.3	2
107	Forensic dental identification of remains in five prefectures in the Kansai region of Japan. Oral Science International, 2020, 17, 29-33.	0.7	2
108	Utilization of oral check-up data of autopsy cases. Journal of Clinical Forensic and Legal Medicine, 2021, 83, 102245.	1.0	2

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109	Rapid infusion of excessive phenytoin: A newborn autopsy case. Legal Medicine, 2021, 53, 101935.	1.3	2
110	Detection of Human Polyomavirus DNA Using the Genome Profiling Method. The Open Virology Journal, 2015, 9, 29-37.	1.8	2
111	Use of the Genome Profiling Method for the Identification of Saliva and Sweat Samples. Japanese Journal of Forensic Science and Technology, 2013, 18, 79-83.	0.1	2
112	JC virus genotyping suggests a close contact or affinity between Greenland Inuit and other circumarctic populations. Anthropological Science, 2005, 113, 291-293.	0.4	2
113	An Autopsy Case of Posterior Pharyngeal Abscesses Caused by Periodontal Bacteria. Forensic Sciences, 2022, 2, 399-402.	1.5	2
114	Purification and Characterization of a Lectin from Chinese Quince (Chaenomeles sinensis) Fruit. Journal of Plant Biochemistry and Biotechnology, 2010, 19, 243-245.	1.7	1
115	Development of a modified DNA chip for accurate human ABO genotyping. Japanese Journal of Forensic Science and Technology, 2015, 20, 41-50.	0.1	1
116	Public awareness of the use of clinical CT machines for postmortems. Journal of Forensic Radiology and Imaging, 2017, 11, 12-17.	1.2	1
117	Detection of hepatitis B virus DNA and HBsAg from postmortem blood and bloodstains. Archives of Virology, 2018, 163, 633-637.	2.1	1
118	Rare atlas fracture detected using postmortem computed tomography: A case report. Journal of Clinical Forensic and Legal Medicine, 2018, 60, 38-41.	1.0	1
119	Value of the serum thyroglobulin level for diagnosing neck compression in postmortem cases. Journal of Clinical Forensic and Legal Medicine, 2018, 58, 126-129.	1.0	1
120	The genome profiling method can be applied for species identification of biological materials collected at crime scenes. BMC Genetics, 2019, 20, 50.	2.7	1
121	Simple, Frequent Indicator for Personal Identificationâ€"Postmortem and Antemortem Abdominal Computed Tomography Findings of a Charred Body. American Journal of Forensic Medicine and Pathology, 2020, 41, 56-59.	0.8	1
122	Higher Viral Stability and Ethanol Resistance of Avian Influenza A(H5N1) Virus on Human Skin. Emerging Infectious Diseases, 2022, 28, 639-649.	4.3	1
123	Alcohol abuse as a potential risk factor of solitary death among people living alone: a cross-sectional study in Kyoto, Japan. BMC Public Health, 2022, 22, 545.	2.9	1
124	A Case of Fatal Asphyxia by a Barbell during a Bench Press. Forensic Sciences, 2022, 2, 1-6.	1.5	1
125	Estimating the age at death for forensic cases using quantitative computed tomography. Forensic Science International, 2022, 337, 111367.	2.2	1
126	Thiol-Oxidizing Agent Diamide and Acidic pH Enhance Lipid Peroxidation of Rat Heart Mitochondria and Cardiolipin–Cytochrome c Complex. IUBMB Life, 2001, 51, 39-43.	3.4	0

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127	The use of moxibustion scars in the identification of individuals in forensic medicine. Forensic Science International, 2012, 219, e25-e28.	2.2	О
128	Investigation of Geomagnetic Orientation Preserved in a Stain Containing Iron Compounds Using a Vector-Type SQUID Magnetometer. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	0
129	Usefulness of human herpes simplex virus type 1 genotyping for tracing the geographical origins of unidentified cadavers. Future Virology, 2018, 13, 391-398.	1.8	0
130	Population history in Okinawa based on JC virus and ALDH2 genotypes. Scientific Reports, 2020, 10, 7331.	3.3	0
131	The coronary artery calcification severity on postmortem CT could be a clue for the diagnosis of sudden cardiac death. Journal of Clinical Forensic and Legal Medicine, 2021, 82, 102227.	1.0	0
132	The Pacific lineage (2E) of JC polyomavirus is prevalent in Sumba Island, Eastern Indonesia. Anthropological Science, 2008, 116, 183-186.	0.4	0
133	ABO Blood Grouping of Non-medullated Scalp Hair Using Immunohistochemical Staining. Japanese Journal of Forensic Science and Technology, 2010, 15, 39-48.	0.1	0
134	Diagnosis of sudden death using postmortem CT. Forensic Imaging, 2020, 23, 200411.	0.6	0
135	Sudden death of a 2-year-old child due to alpha-ketoadipic aciduria. Forensic Science, Medicine, and Pathology, 0, , .	1.4	0
136	Examination of Postmortem \hat{I}^2 -Hydroxybutyrate Increase in Forensic Autopsy Cases. Applied Sciences (Switzerland), 2022, 12, 7181.	2.5	O