

# Kazuto Kato

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1919799/publications.pdf>

Version: 2024-02-01

63  
papers

9,770  
citations

331259

21  
h-index

128067

60  
g-index

69  
all docs

69  
docs citations

69  
times ranked

18345  
citing authors

#	ARTICLE	IF	CITATIONS
1	A second generation human haplotype map of over 3.1 million SNPs. <i>Nature</i> , 2007, 449, 851-861.	13.7	4,137
2	International network of cancer genome projects. <i>Nature</i> , 2010, 464, 993-998.	13.7	2,114
3	Genome-wide detection and characterization of positive selection in human populations. <i>Nature</i> , 2007, 449, 913-918.	13.7	1,788
4	High-resolution characterization of a hepatocellular carcinoma genome. <i>Nature Genetics</i> , 2011, 43, 464-469.	9.4	265
5	Responsible use of polygenic risk scores in the clinic: potential benefits, risks and gaps. <i>Nature Medicine</i> , 2021, 27, 1876-1884.	15.2	214
6	BRCA Challenge: BRCA Exchange as a global resource for variants in BRCA1 and BRCA2. <i>PLoS Genetics</i> , 2018, 14, e1007752.	1.5	148
7	GA4GH: International policies and standards for data sharing across genomic research and healthcare. <i>Cell Genomics</i> , 2021, 1, 100029.	3.0	94
8	A review of the key issues associated with the commercialization of biobanks. <i>Journal of Law and the Biosciences</i> , 2014, 1, 94-110.	0.8	87
9	Has the biobank bubble burst? Withstanding the challenges for sustainable biobanking in the digital era. <i>BMC Medical Ethics</i> , 2016, 17, 39.	1.0	81
10	iPS Cells: Mapping the Policy Issues. <i>Cell</i> , 2009, 139, 1032-1037.	13.5	68
11	Reflections on the Cost of "Low-Cost" Whole Genome Sequencing: Framing the Health Policy Debate. <i>PLoS Biology</i> , 2013, 11, e1001699.	2.6	67
12	Including all voices in international data-sharing governance. <i>Human Genomics</i> , 2018, 12, 13.	1.4	50
13	ELSI 2.0 for Genomics and Society. <i>Science</i> , 2012, 336, 673-674.	6.0	39
14	Registered access: a "Triple-A" approach. <i>European Journal of Human Genetics</i> , 2016, 24, 1676-1680.	1.4	33
15	Registered access: authorizing data access. <i>European Journal of Human Genetics</i> , 2018, 26, 1721-1731.	1.4	33
16	Toward better governance of human genomic data. <i>Nature Genetics</i> , 2021, 53, 2-8.	9.4	31
17	The community effect, dorsalization and mesoderm induction. <i>Current Opinion in Genetics and Development</i> , 1993, 3, 662-667.	1.5	30
18	Tissue Distribution of N-myc Expression in the Early Organogenesis Period of the Mouse Embryo. (N-myc/mouse embryo/in situ hybridization/neural/crest/sclerotome). <i>Development Growth and Differentiation</i> , 1991, 33, 29-39.	0.6	29

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19	Analysis of an ADTKD family with a novel frameshift mutation in MUC1 reveals characteristic features of mutant MUC1 protein. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 2010-2017.	0.4	24
20	Stem cell research policy and iPS cells. <i>Nature Methods</i> , 2010, 7, 28-33.	9.0	23
21	ELSI practices in genomic research in East Asia: implications for research collaboration and public participation. <i>Genome Medicine</i> , 2014, 6, 39.	3.6	23
22	Regulatory Impacts on Stem Cell Research in Japan. <i>Cell Stem Cell</i> , 2010, 6, 415-418.	5.2	21
23	Familiarity and Prudence of the Japanese Public with Research into Induced Pluripotent Stem Cells, and Their Desire for its Proper Regulation. <i>Stem Cell Reviews and Reports</i> , 2010, 6, 1-7.	5.6	20
24	The International Cancer Genome Consortium's evolving data-protection policies. <i>Nature Biotechnology</i> , 2014, 32, 519-523.	9.4	19
25	Using digital technologies to engage with medical research: views of myotonic dystrophy patients in Japan. <i>BMC Medical Ethics</i> , 2016, 17, 51.	1.0	19
26	Establishing the International Genetic Discrimination Observatory. <i>Nature Genetics</i> , 2020, 52, 466-468.	9.4	18
27	The emerging need for family-centric initiatives for obtaining consent in personal genome research. <i>Genome Medicine</i> , 2014, 6, 118.	3.6	17
28	Key challenges in bringing CRISPR-mediated somatic cell therapy into the clinic. <i>Genome Medicine</i> , 2017, 9, 85.	3.6	17
29	Authentication of Patients and Participants in Health Information Exchange and Consent for Medical Research: A Key Step for Privacy Protection, Respect for Autonomy, and Trustworthiness. <i>Frontiers in Genetics</i> , 2018, 9, 167.	1.1	17
30	An Inhibitory Effect of <i>Xenopus</i> Gastrula Ectoderm on Muscle Cell Differentiation and Its Role for Dorsoventral Patterning of Mesoderm. <i>Developmental Biology</i> , 1994, 163, 222-229.	0.9	16
31	Genetic discrimination: introducing the Asian perspective to the debate. <i>Npj Genomic Medicine</i> , 2021, 6, 54.	1.7	16
32	Why does it take so long for rare disease patients to get an accurate diagnosis?â€”A qualitative investigation of patient experiences of hereditary angioedema. <i>PLoS ONE</i> , 2022, 17, e0265847.	1.1	14
33	A community effect is required for amphibian notochord differentiation. <i>Roux's Archives of Developmental Biology</i> , 1994, 203, 250-253.	1.2	13
34	Ethical acceptability of research on human-animal chimeric embryos: summary of opinions by the Japanese Expert Panel on Bioethics. <i>Life Sciences, Society and Policy</i> , 2015, 11, 15.	3.1	11
35	Social and Communicative Functions of Informed Consent Forms in East Asia and Beyond. <i>Frontiers in Genetics</i> , 2017, 8, 99.	1.1	11
36	Open science and community norms. <i>Medical Law International</i> , 2012, 12, 92-120.	0.4	10

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37	The practice of active patient involvement in rare disease research using ICT: experiences and lessons from the RUDY JAPAN project. <i>Research Involvement and Engagement</i> , 2021, 7, 9.	1.1	10
38	Public engagement in Japanese policy-making: a history of the genetically modified organisms debate. <i>New Genetics and Society</i> , 2009, 28, 139-152.	0.7	9
39	Consent insufficient for data release. <i>Science</i> , 2019, 364, 445-446.	6.0	9
40	Debate on Germline Gene Editing. <i>Human Gene Therapy Methods</i> , 2016, 27, 135-142.	2.1	8
41	Machine Learning and Ethics in Plastic Surgery. <i>Plastic and Reconstructive Surgery - Global Open</i> , 2019, 7, e2162.	0.3	8
42	Public reactions to direct-to-consumer genetic health tests: A comparison across the US, UK, Japan and Australia. <i>European Journal of Human Genetics</i> , 2020, 28, 339-348.	1.4	8
43	The inclusion of genomic data in the 2015 revision of Japan's Protection of Personal Information Act: protection of wider range of genomic data as our next challenge. <i>Journal of Human Genetics</i> , 2018, 63, 537-538.	1.1	7
44	Public attitudes in Japan toward participation in whole genome sequencing studies. <i>Human Genomics</i> , 2018, 12, 21.	1.4	7
45	Ethical Perspectives of Japanese Engineers on Ambient Assisted Living Technologies: Semi-structured Interview. <i>Asian Bioethics Review</i> , 2018, 10, 143-155.	0.9	7
46	Institutional and Social Issues Surrounding Genetic Counselors in Japan: Current Challenges and Implications for the Global Community. <i>Frontiers in Genetics</i> , 2021, 12, 646177.	1.1	7
47	Engaged genomic science produces better and fairer outcomes: an engagement framework for engaging and involving participants, patients and publics in genomics research and healthcare implementation. <i>Wellcome Open Research</i> , 2021, 6, 311.	0.9	6
48	A proposal on the first Japanese practical guidance for the return of individual genomic results in research settings. <i>Journal of Human Genetics</i> , 2020, 65, 251-261.	1.1	5
49	Landscape of Participant-Centric Initiatives for Medical Research in the United States, the United Kingdom, and Japan: Scoping Review. <i>Journal of Medical Internet Research</i> , 2020, 22, e16441.	2.1	5
50	What should scientists do outside the laboratory? lessons on science communication from the Japanese genome research project. <i>Genomics Society and Policy</i> , 2005, 1, 1.	0.2	4
51	Editorial [Science Communication: Significance for Genome-Based Personalized Medicine – A View from the Asia-Pacific]. <i>Current Pharmacogenomics and Personalized Medicine</i> , 2010, 8, 92-96.	0.2	4
52	Patient involvement in priority-setting for medical research: A mini review of initiatives in the rare disease field. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	4
53	Ethical considerations of research policy for personal genome analysis: the approach of the Genome Science Project in Japan. <i>Life Sciences, Society and Policy</i> , 2014, 10, 4.	3.1	3
54	Mouse model: what do Japanese life sciences researchers mean by this term?. <i>Journal of Science Communication</i> , 2009, 08, A01.	0.4	3

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55	Multimedia presentations on the human genome. <i>Biochemistry and Molecular Biology Education</i> , 2008, 36, 395-401.	0.5	2
56	How should the legal framework for the protection of human genomic data be formulated?â€”Implications from the revision processes of the Act on the Protection of Personal Information (PPI Act). <i>Journal of Human Genetics</i> , 2015, 60, 225-226.	1.1	2
57	Implications of secondary findings for clinical contexts. , 2020, , 155-201.		2
58	Participant-Centric Initiatives and Medical Research: Scoping Review Protocol. <i>JMIR Research Protocols</i> , 2017, 6, e245.	0.5	2
59	Ethical and Social Issues for Health Care Providers in the Intensive Care Unit during the Early Stages of the COVID-19 Pandemic in Japan: a Questionnaire Survey. <i>Asian Bioethics Review</i> , 2022, 14, 115-131.	0.9	2
60	Evaluating standards for â€˜seriousâ€™ disease for preimplantation genetic testing: a multi-case study on regulatory frameworks in Japan, the UK, and Western Australia. <i>Human Genomics</i> , 2022, 16, 16.	1.4	2
61	Ethical, legal and social implications of human genome studies in radiation research: a workshop report for studies on atomic bomb survivors at the Radiation Effects Research Foundation. <i>Journal of Radiation Research</i> , 2021, 62, 656-661.	0.8	1
62	Ethical and Social Concerns: Opinions of Japanese Life-Science Researchers on Developments in the Science of Mind and Behavior. <i>East Asian Science, Technology and Society</i> , 2011, 5, 359-374.	0.2	0
63	Framework and Practical Guidance for the Ethical Use of Electronic Methods for Communication With Participants in Medical Research. <i>Journal of Medical Internet Research</i> , 2022, 24, e33167.	2.1	0