

# Yoji Kukita

## List of Publications by Year in descending order

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59  
papers

1,244  
citations

430874

18  
h-index

395702

33  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Accuracy of Noninvasive Genotyping of EGFR in Lung Cancer Patients by Deep Sequencing of Plasma Cell-Free DNA. <i>Clinical Chemistry</i> , 2015, 61, 1191-1196.	3.2	99
2	SSCP analysis of long DNA fragments in low pH gel. <i>Human Mutation</i> , 1997, 10, 400-407.	2.5	98
3	High-throughput screening in colorectal cancer tissue-originated spheroids. <i>Cancer Science</i> , 2019, 110, 345-355.	3.9	96
4	Precise Estimation of Allele Frequencies of Single-Nucleotide Polymorphisms by a Quantitative SSCP Analysis of Pooled DNA. <i>American Journal of Human Genetics</i> , 2001, 68, 214-218.	6.2	93
5	High-fidelity target sequencing of individual molecules identified using barcode sequences: <i>de novo</i> detection and absolute quantitation of mutations in plasma cell-free DNA from cancer patients. <i>DNA Research</i> , 2015, 22, 269-277.	3.4	72
6	Monitoring of treatment responses and clonal evolution of tumor cells by circulating tumor DNA of heterogeneous mutant EGFR genes in lung cancer. <i>Lung Cancer</i> , 2016, 94, 68-73.	2.0	67
7	Quantitative Identification of Mutant Alleles Derived from Lung Cancer in Plasma Cell-Free DNA via Anomaly Detection Using Deep Sequencing Data. <i>PLoS ONE</i> , 2013, 8, e81468.	2.5	61
8	A single-strand conformation polymorphism method for the large-scale analysis of mutations/polymorphisms using capillary array electrophoresis. <i>Electrophoresis</i> , 2002, 23, 2259.	2.4	39
9	Prevalence of copy-number neutral LOH in glioblastomas revealed by genomewide analysis of laser-microdissected tissues. <i>Neuro-Oncology</i> , 2008, 10, 995-1003.	1.2	34
10	Analysis of ERBB Ligand-Induced Resistance Mechanism to Crizotinib by Primary Culture of Lung Adenocarcinoma with EML4-ALK Fusion Gene. <i>Journal of Thoracic Oncology</i> , 2015, 10, 527-530.	1.1	32
11	Allelic Losses of Chromosome 10 in Glioma Tissues Detected by Quantitative Single-Strand Conformation Polymorphism Analysis. <i>Clinical Chemistry</i> , 2006, 52, 370-378.	3.2	31
12	Atezolizumab with bevacizumab, paclitaxel and carboplatin was effective for patients with SMARCA4-deficient thoracic sarcoma. <i>Immunotherapy</i> , 2021, 13, 799-806.	2.0	29
13	Dynamics of circulating tumor DNA represented by the activating and resistant mutations in epidermal growth factor receptor tyrosine kinase inhibitor treatment. <i>Cancer Science</i> , 2016, 107, 353-358.	3.9	28
14	Single-Stranded Conformational Polymorphism Analysis Using Automated Capillary Array Electrophoresis Apparatuses. <i>BioTechniques</i> , 2003, 34, 746-750.	1.8	27
15	Multicolor Post-PCR Labeling of DNA Fragments with Fluorescent ddNTPs. <i>BioTechniques</i> , 2002, 33, 502-506.	1.8	22
16	Optimization of capillary array electrophoresis single-strand conformation polymorphism analysis for routine molecular diagnostics. <i>Electrophoresis</i> , 2006, 27, 3816-3822.	2.4	21
17	Prognostic prediction of glioblastoma by quantitative assessment of the methylation status of the entire MGMT promoter region. <i>BMC Cancer</i> , 2014, 14, 641.	2.6	20
18	ATM mutations in patients with ataxia telangiectasia screened by a hierarchical strategy. <i>Human Mutation</i> , 1998, 12, 186-195.	2.5	19

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19	Software for Machine-Independent Quantitative Interpretation of SSCP in Capillary Array Electrophoresis (QUISCA). <i>BioTechniques</i> , 2002, 33, 1342-1348.	1.8	19
20	HLA genotyping by next-generation sequencing of complementary DNA. <i>BMC Genomics</i> , 2017, 18, 914.	2.8	19
21	Evaluation of Haplotype Inference Using Definitive Haplotype Data Obtained from Complete Hydatidiform Moles, and Its Significance for the Analyses of Positively Selected Regions. <i>PLoS Genetics</i> , 2009, 5, e1000468.	3.5	18
22	Characterization of the Tâ€cell receptor beta chain repertoire in tumorâ€infiltrating lymphocytes. <i>Cancer Medicine</i> , 2016, 5, 2513-2521.	2.8	17
23	Gastric juvenile polyposis associated with germline SMAD4 mutation. <i>American Journal of Medical Genetics, Part A</i> , 2005, 134A, 326-329.	1.2	16
24	Genome-wide definitive haplotypes determined using a collection of complete hydatidiform moles. <i>Genome Research</i> , 2005, 15, 1511-1518.	5.5	16
25	Early responses of <i>EGFR</i> circulating tumor DNA to EGFR tyrosine kinase inhibitors in lung cancer treatment. <i>Oncotarget</i> , 2016, 7, 71782-71789.	1.8	16
26	Homozygous inactivation of <i>CHEK2</i> is linked to a familial case of multiple primary lung cancer with accompanying cancers in other organs. <i>Journal of Physical Education and Sports Management</i> , 2016, 2, a001032.	1.2	16
27	Numerical indices based on circulating tumor DNA for the evaluation of therapeutic response and disease progression in lung cancer patients. <i>Scientific Reports</i> , 2016, 6, 29093.	3.3	16
28	Selective identification of somatic mutations in pancreatic cancer cells through a combination of next-generation sequencing of plasma DNA using molecular barcodes and a bioinformatic variant filter. <i>PLoS ONE</i> , 2018, 13, e0192611.	2.5	15
29	Narrowing of the regions of allelic losses of chromosome 1p36 in meningioma tissues by an improved SSCP analysis. <i>International Journal of Cancer</i> , 2008, 122, 1820-1826.	5.1	13
30	dbQSNP: A database of SNPs in human promoter regions with allele frequency information determined by single-strand conformation polymorphism-based methods. <i>Human Mutation</i> , 2005, 26, 69-77.	2.5	11
31	Transient appearance of circulating tumor DNA associated with de novo treatment. <i>Scientific Reports</i> , 2016, 6, 38639.	3.3	11
32	Characterization of the GALC Gene in Three Japanese Patients with Adult-Onset Krabbe Disease. <i>Genetic Testing and Molecular Biomarkers</i> , 1997, 1, 217-223.	1.7	10
33	Impact of Phospholipase A2 Group IIa Gene Polymorphism on Phenotypic Features of Patients with Familial Adenomatous Polyposis. <i>Diseases of the Colon and Rectum</i> , 2007, 50, 223-231.	1.3	10
34	Impact of group IVA cytosolic phospholipase A 2 gene polymorphisms on phenotypic features of patients with familial adenomatous polyposis. <i>International Journal of Colorectal Disease</i> , 2010, 25, 293-301.	2.2	10
35	Sweat-gland carcinoma with neuroendocrine differentiation (SCAND): a clinicopathologic study of 13 cases with genetic analysis. <i>Modern Pathology</i> , 2022, 35, 33-43.	5.5	10
36	QSNPlite, a software system for quantitative analysis of SNPs based on capillary array SSCP analysis. <i>Electrophoresis</i> , 2006, 27, 3869-3878.	2.4	8

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37	A Definitive Haplotype Map as Determined by Genotyping Duplicated Haploid Genomes Finds a Predominant Haplotype Preference at Copy-Number Variation Events. <i>American Journal of Human Genetics</i> , 2010, 86, 918-928.	6.2	8
38	Quantitative detection of ALK fusion breakpoints in plasma cell-free DNA from patients with non-small cell lung cancer using PCR-based target sequencing with a tiling primer set and two-step mapping/alignment. <i>PLoS ONE</i> , 2019, 14, e0222233.	2.5	8
39	Late recurrence of lung adenocarcinoma harboring EGFR exon 20 insertion (A763_Y764insFQEA) mutation successfully treated with osimertinib. <i>Cancer Genetics</i> , 2021, 256-257, 57-61.	0.4	8
40	EML4-ALK fusion variant.3 and co-occurrent PIK3CA E542K mutation exhibiting primary resistance to three generations of ALK inhibitors. <i>Cancer Genetics</i> , 2021, 256-257, 131-135.	0.4	8
41	SSCP analysis of long DNA fragments in low pH gel. <i>Human Mutation</i> , 1997, 10, 400-407.	2.5	8
42	Estimation of SNP Allele Frequencies by SSCP Analysis of Pooled DNA. <i>Methods in Molecular Biology</i> , 2009, 578, 193-207.	0.9	8
43	D-HaploDB: a database of definitive haplotypes determined by genotyping complete hydatidiform mole samples. <i>Nucleic Acids Research</i> , 2007, 35, D685-D689.	14.5	7
44	Î±-Methylacyl-CoA racemase: a useful immunohistochemical marker of breast carcinoma with apocrine differentiation. <i>Human Pathology</i> , 2021, 116, 39-48.	2.0	7
45	Distinct pattern of PCR-SSCP analysis of p53 mutations in human astrocytomas. <i>Cancer Letters</i> , 1999, 141, 195-201.	7.2	6
46	Conversion Surgery for Advanced Thoracic SMARCA4-Deficient Undifferentiated Tumor With Atezolizumab in Combination With Bevacizumab, Paclitaxel, and Carboplatin Treatment: A Case Report. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100235.	1.1	6
47	Multicolor Post-PCR Labeling of DNA Fragments with Fluorescent ddNTPs. <i>BioTechniques</i> , 2002, 33, 502-506.	1.8	5
48	Signet-ring cell/histiocytoid carcinoma of the axilla: a clinicopathological and genetic analysis of 11 cases, review of the literature, and comparison with potentially related tumours. <i>Histopathology</i> , 2021, 79, 926-939.	2.9	4
49	SNP Detection and Allele Frequency Determination by SSCP. , 2003, 212, 037-046.		3
50	Clinical Utility of Pancreatic Cancer Circulating Tumor DNA in Predicting Disease Progression, Prognosis, and Response to Chemotherapy. <i>Pancreas</i> , 2020, 49, e93-e95.	1.1	3
51	Bcl-2-negative IGH-BCL2 translocation-negative follicular lymphoma of the thyroid differs genetically and epigenetically from Bcl-2-positive IGH-BCL2 translocation-positive follicular lymphoma. <i>Histopathology</i> , 2021, 79, 521-532.	2.9	3
52	Hemi-Stranded SSCP Analysis of SNPs in Short Sequence-Tagged Sites. <i>BioTechniques</i> , 2002, 33, 1118-1121.	1.8	2
53	Conversion of a molecular classifier obtained by gene expression profiling into a classifier based on real-time PCR: a prognosis predictor for gliomas. <i>BMC Medical Genomics</i> , 2010, 3, 52.	1.5	1
54	A definitive haplotype map of structural variations determined by microarray analysis of duplicated haploid genomes. <i>Genomics Data</i> , 2014, 2, 55-59.	1.3	1

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55	Rectal Cancer in a Patient with Bartter Syndrome: A Case Report. <i>Genes</i> , 2017, 8, 139.	2.4	1
56	Coexistence of <i>BRAF</i> V600E-mutated malignant melanoma and <i>BRAF</i> V600E-mutated Langerhans cell histiocytosis: A case report. <i>Journal of Cutaneous Pathology</i> , 2022, 49, 393-398.	1.3	1
57	1P-318 The establishment of the building method for designable self-assembled DNA nanostructures(The 46th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2008, 48, S71.	0.1	0
58	Detection of circulating tumor DNA from pancreatic cancer using next-generation sequencing and possible clinical applications. <i>Suizo</i> , 2018, 33, 937-943.	0.1	0
59	Fragmentation Coefficient of RNA in Formalin-Fixed Paraffin-Embedded Samples Stored for Long-Term at Room Temperature. <i>journal of applied laboratory medicine, The</i> , 2022, 7, 619-622.	1.3	0