

Suk Hang Cheng

List of Publications by Year in descending order

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63
papers

4,285
citations

147726

31
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114418

63
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66
docs citations

66
times ranked

5650
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution analysis for urinary DNA jagged ends. <i>Npj Genomic Medicine</i> , 2022, 7, 14.	1.7	4
2	Effects of nucleases on cell-free extrachromosomal circular DNA. <i>JCI Insight</i> , 2022, 7, .	2.3	12
3	Single-Molecule Sequencing Enables Long Cell-Free DNA Detection and Direct Methylation Analysis for Cancer Patients. <i>Clinical Chemistry</i> , 2022, 68, 1151-1163.	1.5	22
4	Fetal mitochondrial <scp>DNA</scp> in maternal plasma in surrogate pregnancies: Detection and topology. <i>Prenatal Diagnosis</i> , 2021, 41, 368-375.	1.1	11
5	Jagged Ends of Urinary Cell-Free DNA: Characterization and Feasibility Assessment in Bladder Cancer Detection. <i>Clinical Chemistry</i> , 2021, 67, 621-630.	1.5	24
6	Characteristics of Fetal Extrachromosomal Circular DNA in Maternal Plasma: Methylation Status and Clearance. <i>Clinical Chemistry</i> , 2021, 67, 788-796.	1.5	26
7	Applications of genetic-epigenetic tissue mapping for plasma DNA in prenatal testing, transplantation and oncology. <i>ELife</i> , 2021, 10, .	2.8	19
8	Single Cell and Plasma RNA Sequencing for RNA Liquid Biopsy for Hepatocellular Carcinoma. <i>Clinical Chemistry</i> , 2021, 67, 1492-1502.	1.5	9
9	Genome-wide detection of cytosine methylation by single molecule real-time sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	65
10	Charting the complexity of the activated sludge microbiome through a hybrid sequencing strategy. <i>Microbiome</i> , 2021, 9, 205.	4.9	29
11	Single-molecule sequencing reveals a large population of long cell-free DNA molecules in maternal plasma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	43
12	Identification and characterization of extrachromosomal circular DNA in maternal plasma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1658-1665.	3.3	106
13	Detection and characterization of jagged ends of double-stranded DNA in plasma. <i>Genome Research</i> , 2020, 30, 1144-1153.	2.4	61
14	High-quality bacterial genomes of a partial-nitrification/anammox system by an iterative hybrid assembly method. <i>Microbiome</i> , 2020, 8, 155.	4.9	29
15	Sequencing Analysis of Plasma Epstein-Barr Virus DNA Reveals Nasopharyngeal Carcinoma-Associated Single Nucleotide Variant Profiles. <i>Clinical Chemistry</i> , 2020, 66, 598-605.	1.5	10
16	Plasma DNA End-Motif Profiling as a Fragmentomic Marker in Cancer, Pregnancy, and Transplantation. <i>Cancer Discovery</i> , 2020, 10, 664-673.	7.7	152
17	Methylation analysis of plasma DNA informs etiologies of Epstein-Barr virus-associated diseases. <i>Nature Communications</i> , 2019, 10, 3256.	5.8	52
18	Topologic Analysis of Plasma Mitochondrial DNA Reveals the Coexistence of Both Linear and Circular Molecules. <i>Clinical Chemistry</i> , 2019, 65, 1161-1170.	1.5	19

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19	Orientation-aware plasma cell-free DNA fragmentation analysis in open chromatin regions informs tissue of origin. <i>Genome Research</i> , 2019, 29, 418-427.	2.4	159
20	Enrichment of fetal and maternal long cell-free DNA fragments from maternal plasma following DNA repair. <i>Prenatal Diagnosis</i> , 2019, 39, 88-99.	1.1	8
21	<i>Dnase1l3</i> deletion causes aberrations in length and end-motif frequencies in plasma DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 641-649.	3.3	134
22	DNase1 Does Not Appear to Play a Major Role in the Fragmentation of Plasma DNA in a Knockout Mouse Model. <i>Clinical Chemistry</i> , 2018, 64, 406-408.	1.5	34
23	Preferred end coordinates and somatic variants as signatures of circulating tumor DNA associated with hepatocellular carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10925-E10933.	3.3	140
24	Sequencing-based counting and size profiling of plasma Epstein-Barr virus DNA enhance population screening of nasopharyngeal carcinoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5115-E5124.	3.3	114
25	Size-tagged preferred ends in maternal plasma DNA shed light on the production mechanism and show utility in noninvasive prenatal testing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5106-E5114.	3.3	107
26	Gestational Age Assessment by Methylation and Size Profiling of Maternal Plasma DNA: A Feasibility Study. <i>Clinical Chemistry</i> , 2017, 63, 606-608.	1.5	14
27	Second generation noninvasive fetal genome analysis reveals de novo mutations, single-base parental inheritance, and preferred DNA ends. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8159-E8168.	3.3	142
28	Lengthening and shortening of plasma DNA in hepatocellular carcinoma patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E1317-25.	3.3	543
29	Plasma DNA tissue mapping by genome-wide methylation sequencing for noninvasive prenatal, cancer, and transplantation assessments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5503-12.	3.3	579
30	Noninvasive Prenatal Testing by Nanopore Sequencing of Maternal Plasma DNA: Feasibility Assessment. <i>Clinical Chemistry</i> , 2015, 61, 1305-1306.	1.5	44
31	Preclinical evaluation of the mTOR-PI3K inhibitor BEZ235 in nasopharyngeal cancer models. <i>Cancer Letters</i> , 2014, 343, 24-32.	3.2	30
32	Activity of the MEK inhibitor selumetinib (AZD6244; ARRY-142886) in nasopharyngeal cancer cell lines. <i>Investigational New Drugs</i> , 2013, 31, 30-38.	1.2	9
33	Platelet factor 4 induces cell apoptosis by inhibition of STAT3 via up-regulation of SOCS3 expression in multiple myeloma. <i>Haematologica</i> , 2013, 98, 288-295.	1.7	43
34	HLA-B alleles associated with severe cutaneous reactions to antiepileptic drugs in Han Chinese. <i>Epilepsia</i> , 2013, 54, 1307-1314.	2.6	155
35	A polymorphism in the 3'-untranslated region of the NPM1 gene causes illegitimate regulation by microRNA-337-5p and correlates with adverse outcome in acute myeloid leukemia. <i>Haematologica</i> , 2013, 98, 913-917.	1.7	12
36	Minimal Residual Disease-Based Risk Stratification in Chinese Childhood Acute Lymphoblastic Leukemia by Flow Cytometry and Plasma DNA Quantitative Polymerase Chain Reaction. <i>PLoS ONE</i> , 2013, 8, e69467.	1.1	22

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37	A Novel 19q13 Nucleolar Zinc Finger Protein Suppresses Tumor Cell Growth through Inhibiting Ribosome Biogenesis and Inducing Apoptosis but Is Frequently Silenced in Multiple Carcinomas. <i>Molecular Cancer Research</i> , 2012, 10, 925-936.	1.5	44
38	Sustained antitumor activity by co-targeting mTOR and the microtubule with temsirolimus/vinblastine combination in hepatocellular carcinoma. <i>Biochemical Pharmacology</i> , 2012, 83, 1146-1158.	2.0	28
39	Association between HLA-B*58:01 allele and severe cutaneous adverse reactions with allopurinol in Han Chinese in Hong Kong. <i>British Journal of Dermatology</i> , 2012, 167, 44-49.	1.4	84
40	Familial aggregation of narcolepsy. <i>Sleep Medicine</i> , 2011, 12, 947-951.	0.8	15
41	Secreted-frizzled related protein 1 is a transcriptional repression target of the t(8;21) fusion protein in acute myeloid leukemia. <i>Blood</i> , 2011, 118, 6638-6648.	0.6	38
42	Inhibition of c-Met downregulates TIGAR expression and reduces NADPH production leading to cell death. <i>Oncogene</i> , 2011, 30, 1127-1134.	2.6	55
43	Hypoxia-targeting by tirapazamine (TPZ) induces preferential growth inhibition of nasopharyngeal carcinoma cells with Chk1/2 activation. <i>Investigational New Drugs</i> , 2011, 29, 401-410.	1.2	21
44	Preclinical evaluation of sunitinib as single agent or in combination with chemotherapy in nasopharyngeal carcinoma. <i>Investigational New Drugs</i> , 2011, 29, 1123-1131.	1.2	28
45	Anti-invasion, anti-proliferation and anoikis-sensitization activities of lapatinib in nasopharyngeal carcinoma cells. <i>Investigational New Drugs</i> , 2011, 29, 1241-1252.	1.2	17
46	Sirtuin 1 Is Upregulated in a Subset of Hepatocellular Carcinomas where It Is Essential for Telomere Maintenance and Tumor Cell Growth. <i>Cancer Research</i> , 2011, 71, 4138-4149.	0.4	189
47	The activity of mTOR inhibitor RAD001 (everolimus) in nasopharyngeal carcinoma and cisplatin-resistant cell lines. <i>Investigational New Drugs</i> , 2010, 28, 413-420.	1.2	58
48	Preclinical activity of gefitinib in non-keratinizing nasopharyngeal carcinoma cell lines and biomarkers of response. <i>Investigational New Drugs</i> , 2010, 28, 326-333.	1.2	40
49	Reverse phase protein array identifies novel anti-invasion mechanisms of YC-1. <i>Biochemical Pharmacology</i> , 2010, 79, 842-852.	2.0	20
50	An RNA-directed nucleoside anti-metabolite, 1-(3-C-ethynyl-beta-d-ribo-pentofuranosyl)cytosine (ECyd), elicits antitumor effect via TP53-induced Glycolysis and Apoptosis Regulator (TIGAR) downregulation. <i>Biochemical Pharmacology</i> , 2010, 79, 1772-1780.	2.0	28
51	Detection of residual B precursor lymphoblastic leukemia by uniform gating flow cytometry. <i>Pediatric Blood and Cancer</i> , 2010, 54, 62-70.	0.8	29
52	KRAB Zinc Finger Protein ZNF382 Is a Proapoptotic Tumor Suppressor That Represses Multiple Oncogenes and Is Commonly Silenced in Multiple Carcinomas. <i>Cancer Research</i> , 2010, 70, 6516-6526.	0.4	116
53	A small molecule inhibitor of NF- κ B, dehydroxymethylepoxyquinomicin (DHMEQ), suppresses growth and invasion of nasopharyngeal carcinoma (NPC) cells. <i>Cancer Letters</i> , 2010, 287, 23-32.	3.2	36
54	New Testing Approach in HLA Genotyping Helps Overcome Barriers in Effective Clinical Practice. <i>Clinical Chemistry</i> , 2009, 55, 1568-1572.	1.5	25

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55	Transcriptional repression of the RUNX3/AML2 gene by the t(8;21) and inv(16) fusion proteins in acute myeloid leukemia. <i>Blood</i> , 2008, 112, 3391-3402.	0.6	55
56	Increase in circulating Foxp3+CD4+CD25high regulatory T cells in nasopharyngeal carcinoma patients. <i>British Journal of Cancer</i> , 2007, 96, 617-622.	2.9	128
57	4q loss is potentially an important genetic event in MM tumorigenesis: identification of a tumor suppressor gene regulated by promoter methylation at 4q13.3, platelet factor 4. <i>Blood</i> , 2007, 109, 2089-2099.	0.6	31
58	The Familial Risk and HLA Susceptibility among Narcolepsy Patients in Hong Kong Chinese. <i>Sleep</i> , 2007, 30, 851-858.	0.6	15
59	Clonal evolution of 8p11 stem cell syndrome in a 14-year-old Chinese boy: A review of literature of t(8;13) associated myeloproliferative diseases. <i>Leukemia Research</i> , 2007, 31, 235-238.	0.4	25
60	Association of Human Leukocyte Antigen Class I (B*0703) and Class II (DRB1*0301) Genotypes with Susceptibility and Resistance to the Development of Severe Acute Respiratory Syndrome. <i>Journal of Infectious Diseases</i> , 2004, 190, 515-518.	1.9	150
61	Establishment and characterization of a cytogenetically complex Chinese multiple myeloma-derived cell line with homozygous p53 deletion and cyclin E overexpression. <i>International Journal of Oncology</i> , 2004, 24, 1141-8.	1.4	1
62	Alterations of RAS signalling in Chinese multiple myeloma patients: absent BRAF and rare RAS mutations, but frequent inactivation of RASSF1A by transcriptional silencing or expression of a non-functional variant transcript. <i>British Journal of Haematology</i> , 2003, 123, 637-645.	1.2	24
63	Chromosomal aberrations of multiple myeloma in Chinese patients at diagnosis: a study by combined G-banding and multicolor spectral karyotyping. <i>Oncology Reports</i> , 2003, 10, 587-91.	1.2	3