

Rebecca W Y Chan

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,363
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1853
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.1	579
2	Plasma DNA End-Motif Profiling as a Fragmentomic Marker in Cancer, Pregnancy, and Transplantation. <i>Cancer Discovery</i> , 2020, 10, 664-673.	9.4	152
3	<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.	7.1	134
4	The Biology of Cell-free DNA Fragmentation and the Roles of DNASE1, DNASE1L3, and DFFB. <i>American Journal of Human Genetics</i> , 2020, 106, 202-214.	6.2	127
5	Plasma DNA aberrations in systemic lupus erythematosus revealed by genomic and methylomic sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5302-11.	7.1	105
6	DNA of Erythroid Origin Is Present in Human Plasma and Informs the Types of Anemia. <i>Clinical Chemistry</i> , 2017, 63, 1614-1623.	3.2	63
7	Detection and characterization of jagged ends of double-stranded DNA in plasma. <i>Genome Research</i> , 2020, 30, 1144-1153.	5.5	61
8	Plasma DNA Profile Associated with DNASE1L3 Gene Mutations: Clinical Observations, Relationships to Nuclease Substrate Preference, and In Vivo Correction. <i>American Journal of Human Genetics</i> , 2020, 107, 882-894.	6.2	37
9	Presence of Donor-Derived DNA and Cells in the Urine of Sex-Mismatched Hematopoietic Stem Cell Transplant Recipients: Implication for the Transrenal Hypothesis. <i>Clinical Chemistry</i> , 2009, 55, 715-722.	3.2	27
10	Matrix metalloproteinase 9 mRNA: An early prognostic marker for patients with acute stroke. <i>Clinical Biochemistry</i> , 2012, 45, 352-355.	1.9	26
11	Aberrant Concentrations of Liver-Derived Plasma Albumin mRNA in Liver Pathologies. <i>Clinical Chemistry</i> , 2010, 56, 82-89.	3.2	20
12	Effects of nucleases on cell-free extrachromosomal circular DNA. <i>JCI Insight</i> , 2022, 7, .	5.0	12
13	Jagged Ends on Multinucleosomal Cell-Free DNA Serve as a Biomarker for Nuclease Activity and Systemic Lupus Erythematosus. <i>Clinical Chemistry</i> , 2022, 68, 917-926.	3.2	7
14	Nuclease deficiencies alter plasma cell-free DNA methylation profiles. <i>Genome Research</i> , 2021, 31, 2008-2021.	5.5	4
15	High-resolution analysis for urinary DNA jagged ends. <i>Npj Genomic Medicine</i> , 2022, 7, 14.	3.8	4
16	Early Time-Dependent Dynamic Changes of TBET and GATA3 mRNA Expressions in Patients with Acute Coronary Syndrome. <i>Disease Markers</i> , 2013, 35, 419-429.	1.3	3
17	Circulating leukocyte TBET and GATA3 mRNA in patients with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2012, 156, 209-211.	1.7	2