

Rurika Oka

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,764
citations

623734

14
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

2559
citing authors

#	ARTICLE	IF	CITATIONS
1	Human induced pluripotent stem cells display a similar mutation burden as embryonic pluripotent cells in vivo. <i>IScience</i> , 2022, 25, 103736.	4.1	5
2	Mutational Patterns: the one stop shop for the analysis of mutational processes. <i>BMC Genomics</i> , 2022, 23, 134.	2.8	66
3	In vivo cytidine base editing of hepatocytes without detectable off-target mutations in RNA and DNA. <i>Nature Biomedical Engineering</i> , 2021, 5, 179-189.	22.5	62
4	In vivo adenine base editing of PCSK9 in macaques reduces LDL cholesterol levels. <i>Nature Biotechnology</i> , 2021, 39, 949-957.	17.5	196
5	Mutation Signatures of Pediatric Acute Myeloid Leukemia and Normal Blood Progenitors Associated with Differential Patient Outcomes. <i>Blood Cancer Discovery</i> , 2021, 2, 484-499.	5.0	13
6	Evaluating CRISPR-based prime editing for cancer modeling and CFTR repair in organoids. <i>Life Science Alliance</i> , 2021, 4, e202000940.	2.8	67
7	Patient-derived organoids model cervical tissue dynamics and viral oncogenesis in cervical cancer. <i>Cell Stem Cell</i> , 2021, 28, 1380-1396.e6.	11.1	88
8	Antiviral treatment causes a unique mutational signature in cancers of transplantation recipients. <i>Cell Stem Cell</i> , 2021, 28, 1726-1739.e6.	11.1	28
9	Defects in 8-oxo-guanine repair pathway cause high frequency of C > A substitutions in neuroblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	16
10	Molecular characterization of Barrett's esophagus at single-cell resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	11
11	Prime editing for functional repair in patient-derived disease models. <i>Nature Communications</i> , 2020, 11, 5352.	12.8	134
12	An organoid biobank for childhood kidney cancers that captures disease and tissue heterogeneity. <i>Nature Communications</i> , 2020, 11, 1310.	12.8	183
13	CRISPR-Based Adenine Editors Correct Nonsense Mutations in a Cystic Fibrosis Organoid Biobank. <i>Cell Stem Cell</i> , 2020, 26, 503-510.e7.	11.1	136
14	Characterizing Mutational Load and Clonal Composition of Human Blood. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	5
15	Oral Mucosal Organoids as a Potential Platform for Personalized Cancer Therapy. <i>Cancer Discovery</i> , 2019, 9, 852-871.	9.4	222
16	Parental DNA Methylation States Are Associated with Heterosis in Epigenetic Hybrids. <i>Plant Physiology</i> , 2018, 176, 1627-1645.	4.8	93
17	Somatic Mutations Reveal Lineage Relationships and Age-Related Mutagenesis in Human Hematopoiesis. <i>Cell Reports</i> , 2018, 25, 2308-2316.e4.	6.4	170
18	Generating Transgenic Plants with Single-copy Insertions Using BIBAC-GW Binary Vector. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2

#	ARTICLE	IF	CITATIONS
19	BIBAC-GW-based vectors for generating reporter lines for site-specific genome editing in planta. <i>Plasmid</i> , 2017, 89, 27-36.	1.4	3
20	Genome-wide mapping of transcriptional enhancer candidates using DNA and chromatin features in maize. <i>Genome Biology</i> , 2017, 18, 137.	8.8	134
21	Plant Enhancers: A Call for Discovery. <i>Trends in Plant Science</i> , 2016, 21, 974-987.	8.8	115
22	Investigation of the influence of molecular topology on ligand binding. <i>Journal of Molecular Graphics and Modelling</i> , 2013, 40, 22-29.	2.4	1
23	An Investigation of the Relationship Between Molecular Topology and CYP3A4 Inhibition for Drug-like Compounds. <i>Molecular Informatics</i> , 2012, 31, 719-723.	2.5	0
24	Elevated Mutational Age in Blood of Children Treated for Cancer Contributes to Therapy-Related Myeloid Neoplasms. <i>Cancer Discovery</i> , 0, , OF1-OF14.	9.4	5