

Young Seok Ju

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

6,540
citations

31
h-index

80
g-index

94
ext. papers

8,674
ext. citations

15.8
avg, IF

5.08
L-index

#	Paper	IF	Citations
80	Asymmetric Contribution of Blastomere Lineages of First Division of the Zygote to Entire Human Body Using Post-Zygotic Variants.. <i>Tissue Engineering and Regenerative Medicine</i> , 2022 , 1	4.5	
79	Weight-bearing activity impairs nuclear membrane and genome integrity via YAP activation in plantar melanoma.. <i>Nature Communications</i> , 2022 , 13, 2214	17.4	1
78	p57 imposes the reserve stem cell state of gastric chief cells.. <i>Cell Stem Cell</i> , 2022 , 29, 826-839.e9	18	1
77	Heterogeneous genetic landscape of congenital neutropenia in Korean patients revealed by whole exome sequencing: genetic, phenotypic and histologic correlations.. <i>Scientific Reports</i> , 2022 , 12, 7515	4.9	0
76	Identifying Somatic Mitochondrial DNA Mutations. <i>Methods in Molecular Biology</i> , 2022 , 153-165	1.4	
75	Patient-derived organoids as a preclinical platform for precision medicine in colorectal cancer. <i>Molecular Oncology</i> , 2021 ,	7.9	3
74	Dissecting single-cell genomes through the clonal organoid technique. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 1503-1511	12.8	1
73	A large-scale snapshot of intratumor heterogeneity in human cancer. <i>Cancer Cell</i> , 2021 , 39, 463-465	24.3	1
72	Experimental Models for SARS-CoV-2 Infection. <i>Molecules and Cells</i> , 2021 , 44, 377-383	3.5	4
71	Nasal ciliated cells are primary targets for SARS-CoV-2 replication in the early stage of COVID-19. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	35
70	A fusion of CD63-BCAR4 identified in lung adenocarcinoma promotes tumorigenicity and metastasis. <i>British Journal of Cancer</i> , 2021 , 124, 290-298	8.7	0
69	Tumor hypoxia represses T cell-mediated antitumor immunity against brain tumors. <i>Nature Immunology</i> , 2021 , 22, 336-346	19.1	14
68	Implication of CD69 CD103 tissue-resident-like CD8 T cells as a potential immunotherapeutic target for cholangiocarcinoma. <i>Liver International</i> , 2021 , 41, 764-776	7.9	3
67	Single-cell transcriptome of bronchoalveolar lavage fluid reveals sequential change of macrophages during SARS-CoV-2 infection in ferrets. <i>Nature Communications</i> , 2021 , 12, 4567	17.4	7
66	Acquired Resistance to Third-Generation EGFR Tyrosine Kinase Inhibitors in Patients With De Novo EGFR-Mutant NSCLC. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 1859-1871	8.9	2
65	Mutational spectrum of SARS-CoV-2 during the global pandemic. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 1229-1237	12.8	7
64	Clonal dynamics in early human embryogenesis inferred from somatic mutation. <i>Nature</i> , 2021 , 597, 393-397	39.4	17

63	Dll4 Suppresses Transcytosis for Arterial Blood-Retinal Barrier Homeostasis. <i>Circulation Research</i> , 2020 , 126, 767-783	15.7	16
62	Pan-cancer analysis of whole genomes identifies driver rearrangements promoted by LINE-1 retrotransposition. <i>Nature Genetics</i> , 2020 , 52, 306-319	36.3	122
61	Comprehensive analysis of chromothripsis in 2,658 human cancers using whole-genome sequencing. <i>Nature Genetics</i> , 2020 , 52, 331-341	36.3	168
60	The genome-wide landscape of C:G > T:A polymorphism at the CpG contexts in the human population. <i>BMC Genomics</i> , 2020 , 21, 270	4.5	4
59	4-1BB co-stimulation further enhances anti-PD-1-mediated reinvigoration of exhausted CD39 CD8 T cells from primary and metastatic sites of epithelial ovarian cancers 2020 , 8,		5
58	Effects of Cryopreservation and Thawing on Single-Cell Transcriptomes of Human T Cells. <i>Immune Network</i> , 2020 , 20, e34	6.1	5
57	Comprehensive molecular characterization of mitochondrial genomes in human cancers. <i>Nature Genetics</i> , 2020 , 52, 342-352	36.3	105
56	PRMT1 Is Required for the Maintenance of Mature ECell Identity. <i>Diabetes</i> , 2020 , 69, 355-368	0.9	9
55	Germline gain-of-function mutation of STAT1 rescued by somatic mosaicism in immune dysregulation-polyendocrinopathy-enteropathy-X-linked-like disorder. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1017-1021	11.5	4
54	Three-Dimensional Human Alveolar Stem Cell Culture Models Reveal Infection Response to SARS-CoV-2. <i>Cell Stem Cell</i> , 2020 , 27, 905-919.e10	18	92
53	4-1BB Delineates Distinct Activation Status of Exhausted Tumor-Infiltrating CD8 T Cells in Hepatocellular Carcinoma. <i>Hepatology</i> , 2020 , 71, 955-971	11.2	31
52	Tracing Oncogene Rearrangements in the Mutational History of Lung Adenocarcinoma. <i>Cell</i> , 2019 , 177, 1842-1857.e21	56.2	84
51	Characterizing Mutational Signatures in Human Cancer Cell Lines Reveals Episodic APOBEC Mutagenesis. <i>Cell</i> , 2019 , 176, 1282-1294.e20	56.2	165
50	Identification of a quadruple mutation that confers tenofovir resistance in chronic hepatitis B patients. <i>Journal of Hepatology</i> , 2019 , 70, 1093-1102	13.4	78
49	FIREVAT: finding reliable variants without artifacts in human cancer samples using etiologically relevant mutational signatures. <i>Genome Medicine</i> , 2019 , 11, 81	14.4	5
48	Alterations in the Rho pathway contribute to Epstein-Barr virus-induced lymphomagenesis in immunosuppressed environments. <i>Blood</i> , 2018 , 131, 1931-1941	2.2	4
47	Sox7 promotes high-grade glioma by increasing VEGFR2-mediated vascular abnormality. <i>Journal of Experimental Medicine</i> , 2018 , 215, 963-983	16.6	25
46	Human glioblastoma arises from subventricular zone cells with low-level driver mutations. <i>Nature</i> , 2018 , 560, 243-247	50.4	257

45	Patterns and mechanisms of structural variations in human cancer. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-11	12.8	36
44	Genomic and Immune Profiles of Multiple Myeloma Revealed By Whole Genome and Transcriptome Sequencing. <i>Blood</i> , 2018 , 132, 4493-4493	2.2	2
43	Serotonin signals through a gut-liver axis to regulate hepatic steatosis. <i>Nature Communications</i> , 2018 , 9, 4824	17.4	58
42	Association Between Expression Level of PD1 by Tumor-Infiltrating CD8 T Cells and Features of Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2018 , 155, 1936-1950.e17	13.3	141
41	Mutalisk: a web-based somatic MUTation AnaLYS toolKit for genomic, transcriptional and epigenomic signatures. <i>Nucleic Acids Research</i> , 2018 , 46, W102-W108	20.1	29
40	Complex chromosomal rearrangements by single catastrophic pathogenesis in NUT midline carcinoma. <i>Annals of Oncology</i> , 2017 , 28, 890-897	10.3	33
39	Somatic mutations reveal asymmetric cellular dynamics in the early human embryo. <i>Nature</i> , 2017 , 543, 714-718	50.4	157
38	Clonal History and Genetic Predictors of Transformation Into Small-Cell Carcinomas From Lung Adenocarcinomas. <i>Journal of Clinical Oncology</i> , 2017 , 35, 3065-3074	2.2	229
37	The mutational signatures and molecular alterations of bladder cancer. <i>Translational Cancer Research</i> , 2017 , 6, S689-S701	0.3	4
36	Mutational signatures associated with tobacco smoking in human cancer. <i>Science</i> , 2016 , 354, 618-622	33.3	562
35	Intracellular mitochondrial DNA transfers to the nucleus in human cancer cells. <i>Current Opinion in Genetics and Development</i> , 2016 , 38, 23-30	4.9	4
34	BRAF(V600E) Kinase Domain Duplication Identified in Therapy-Refractory Melanoma Patient-Derived Xenografts. <i>Cell Reports</i> , 2016 , 16, 263-277	10.6	40
33	Landscape of somatic mutations in 560 breast cancer whole-genome sequences. <i>Nature</i> , 2016 , 534, 47-54	50.4	1193
32	Direct Transcriptional Consequences of Somatic Mutation in Breast Cancer. <i>Cell Reports</i> , 2016 , 16, 2032-2046	46.6	30
31	Subclonal diversification of primary breast cancer revealed by multiregion sequencing. <i>Nature Medicine</i> , 2015 , 21, 751-9	50.5	521
30	Frequent somatic transfer of mitochondrial DNA into the nuclear genome of human cancer cells. <i>Genome Research</i> , 2015 , 25, 814-24	9.7	52
29	Recurrent fusion transcripts detected by whole-transcriptome sequencing of 120 primary breast cancer samples. <i>Genes Chromosomes and Cancer</i> , 2015 , 54, 681-91	5	30
28	Mobile DNA in cancer. Extensive transduction of nonrepetitive DNA mediated by L1 retrotransposition in cancer genomes. <i>Science</i> , 2014 , 345, 1251-343	33.3	250

27	Origins and functional consequences of somatic mitochondrial DNA mutations in human cancer. <i>ELife</i> , 2014 , 3,	8.9	229
26	Abstract 4322: The landscape of mitochondrial DNA mutations in human cancer 2014 ,		2
25	Fine-scale mapping of meiotic recombination in Asians. <i>BMC Genetics</i> , 2013 , 14, 19	2.6	12
24	Combined linkage and association analyses identify a novel locus for obesity near PROX1 in Asians. <i>Obesity</i> , 2013 , 21, 2405-12	8	15
23	Diagnostic method for the detection of KIF5B-RET transformation in lung adenocarcinoma. <i>Lung Cancer</i> , 2013 , 82, 44-50	5.9	32
22	TIARA genome database: update 2013. <i>Database: the Journal of Biological Databases and Curation</i> , 2013 , 2013, bat003	5	5
21	A family-based association study after genome-wide linkage analysis identified two genetic loci for renal function in a Mongolian population. <i>Kidney International</i> , 2013 , 83, 285-92	9.9	12
20	FX: an RNA-Seq analysis tool on the cloud. <i>Bioinformatics</i> , 2012 , 28, 721-3	7.2	57
19	The transcriptional landscape and mutational profile of lung adenocarcinoma. <i>Genome Research</i> , 2012 , 22, 2109-19	9.7	435
18	A transforming KIF5B and RET gene fusion in lung adenocarcinoma revealed from whole-genome and transcriptome sequencing. <i>Genome Research</i> , 2012 , 22, 436-45	9.7	367
17	Gene mapping study for constitutive skin color in an isolated Mongolian population. <i>Experimental and Molecular Medicine</i> , 2012 , 44, 241-9	12.8	8
16	Comprehensive genomic analyses associate UGT8 variants with musical ability in a Mongolian population. <i>Journal of Medical Genetics</i> , 2012 , 49, 747-52	5.8	38
15	Extensive genomic and transcriptional diversity identified through massively parallel DNA and RNA sequencing of eighteen Korean individuals. <i>Nature Genetics</i> , 2011 , 43, 745-52	36.3	110
14	TIARA: a database for accurate analysis of multiple personal genomes based on cross-technology. <i>Nucleic Acids Research</i> , 2011 , 39, D883-8	20.1	15
13	Linkage and association scan for tanning ability in an isolated Mongolian population. <i>BMB Reports</i> , 2011 , 44, 741-6	5.5	7
12	Discovery of common Asian copy number variants using integrated high-resolution array CGH and massively parallel DNA sequencing. <i>Nature Genetics</i> , 2010 , 42, 400-5	36.3	167
11	Reference-unbiased copy number variant analysis using CGH microarrays. <i>Nucleic Acids Research</i> , 2010 , 38, e190	20.1	20
10	The first Irish genome and ways of improving sequence accuracy. <i>Genome Biology</i> , 2010 , 11, 132	18.3	4

9	Higher mitochondrial DNA copy number is associated with lower prevalence of microalbuminuria. <i>Experimental and Molecular Medicine</i> , 2009 , 41, 253-8	12.8	27
8	A highly annotated whole-genome sequence of a Korean individual. <i>Nature</i> , 2009 , 460, 1011-5	50.4	265
7	A genome-wide Asian genetic map and ethnic comparison: the GENDISCAN study. <i>BMC Genomics</i> , 2008 , 9, 554	4.5	16
6	Heritability and linkage study on heart rates in a Mongolian population. <i>Experimental and Molecular Medicine</i> , 2008 , 40, 558-64	12.8	4
5	Comprehensive Molecular Characterization of Mitochondrial Genomes in Human Cancers		6
4	Pan-cancer analysis of whole genomes reveals driver rearrangements promoted by LINE-1 retrotransposition in human tumours		10
3	Selective and mechanistic sources of recurrent rearrangements across the cancer genome		20
2	Single-cell Transcriptome of Bronchoalveolar Lavage Fluid Reveals Dynamic Change of Macrophages During SARS-CoV-2 Infection in Ferrets		1
1	Spatial genomics maps the structure, character and evolution of cancer clones		5