

Hiroshi Haeno

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

962
citations

759233
12
h-index

610901
24
g-index

31
all docs

31
docs citations

31
times ranked

1874
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational Modeling of Pancreatic Cancer Reveals Kinetics of Metastasis Suggesting Optimum Treatment Strategies. <i>Cell</i> , 2012, 148, 362-375.	28.9	369
2	Integrated Multiregional Analysis Proposing a New Model of Colorectal Cancer Evolution. <i>PLoS Genetics</i> , 2016, 12, e1005778.	3.5	134
3	The Evolution of Two Mutations During Clonal Expansion. <i>Genetics</i> , 2007, 177, 2209-2221.	2.9	57
4	A progenitor cell origin of myeloid malignancies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 16616-16621.	7.1	44
5	Bacterial c-di-GMP Affects Hematopoietic Stem/Progenitors and Their Niches through STING. <i>Cell Reports</i> , 2015, 11, 71-84.	6.4	41
6	Metastatic seeding of human colon cancer cell clusters expressing the hybrid epithelial/mesenchymal state. <i>International Journal of Cancer</i> , 2020, 146, 2547-2562.	5.1	39
7	Combination treatment with a PI3K/Akt/mTOR pathway inhibitor overcomes resistance to anti-HER2 therapy in PIK3CA-mutant HER2-positive breast cancer cells. <i>Scientific Reports</i> , 2020, 10, 21762.	3.3	39
8	The evolution of tumor metastases during clonal expansion. <i>Journal of Theoretical Biology</i> , 2010, 263, 30-44.	1.7	37
9	Mathematical modeling identifies optimum lapatinib dosing schedules for the treatment of glioblastoma patients. <i>PLoS Computational Biology</i> , 2018, 14, e1005924.	3.2	35
10	HLA Class I Analysis Provides Insight Into the Genetic and Epigenetic Background of Immune Evasion in Colorectal Cancer With High Microsatellite Instability. <i>Gastroenterology</i> , 2022, 162, 799-812.	1.3	28
11	A CDC7 inhibitor sensitizes DNA-damaging chemotherapies by suppressing homologous recombination repair to delay DNA damage recovery. <i>Science Advances</i> , 2021, 7, .	10.3	15
12	The evolution of tumor metastasis during clonal expansion with alterations in metastasis driver genes. <i>Scientific Reports</i> , 2015, 5, 15886.	3.3	14
13	Prediction of postoperative liver regeneration from clinical information using a data-led mathematical model. <i>Scientific Reports</i> , 2016, 6, 34214.	3.3	14
14	Stochastic Tunneling of Two Mutations in a Population of Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e65724.	2.5	13
15	Evolution of Pre-Existing versus Acquired Resistance to Platinum Drugs and PARP Inhibitors in BRCA-Associated Cancers. <i>PLoS ONE</i> , 2014, 9, e105724.	2.5	12
16	Pan-cancer methylome analysis for cancer diagnosis and classification of cancer cell of origin. <i>Cancer Gene Therapy</i> , 2022, 29, 428-436.	4.6	12
17	Personalized Management of Pancreatic Ductal Adenocarcinoma Patients through Computational Modeling. <i>Cancer Research</i> , 2017, 77, 3325-3335.	0.9	11
18	Multifocal origin of occupational cholangiocarcinoma revealed by comparison of multilesion mutational profiles. <i>Carcinogenesis</i> , 2020, 41, 368-376.	2.8	10

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19	Probability of resistance evolution for exponentially growing virus in the host. Journal of Theoretical Biology, 2007, 246, 323-331.	1.7	8
20	Stochastic Evolution of Pancreatic Cancer Metastases During Logistic Clonal Expansion. JCO Clinical Cancer Informatics, 2019, 3, 1-11.	2.1	7
21	Computational modeling of pancreatic cancer patients receiving FOLFIRINOX and gemcitabine-based therapies identifies optimum intervention strategies. PLoS ONE, 2019, 14, e0215409.	2.5	7
22	Mathematical Modeling and Mutational Analysis Reveal Optimal Therapy to Prevent Malignant Transformation in Grade II IDH-Mutant Gliomas. Cancer Research, 2021, 81, 4861-4873.	0.9	7
23	Liganded T3 receptor \hat{I}^2 inhibits the positive feedback autoregulation of the gene for GATA2, a transcription factor critical for thyrotropin production. PLoS ONE, 2020, 15, e0227646.	2.5	4
24	Mathematical Modeling of Locoregional Recurrence Caused by Premalignant Lesions Formed Before Initial Treatment. Frontiers in Oncology, 2021, 11, 743328.	2.8	1
25	Title is missing!. , 2020, 15, e0227646.		0
26	Title is missing!. , 2020, 15, e0227646.		0
27	Title is missing!. , 2020, 15, e0227646.		0
28	Title is missing!. , 2020, 15, e0227646.		0
29	Title is missing!. , 2020, 15, e0227646.		0
30	Title is missing!. , 2020, 15, e0227646.		0