Daisuke Komura

List of Publications by Year
in descending order

51 papers	7,829 citations	393982 19 h-index	288905 40 g-index
55 all docs	55 docs citations	55 times ranked	13959 citing authors

#	Article	IF	Citations
1	Global variation in copy number in the human genome. Nature, 2006, 444, 444-454.	13.7	3,831
2	Pan-cancer analysis of whole genomes. Nature, 2020, 578, 82-93.	13.7	1,966
3	Machine Learning Methods for Histopathological Image Analysis. Computational and Structural Biotechnology Journal, 2018, 16, 34-42.	1.9	573
4	From Detection of Individual Metastases to Classification of Lymph Node Status at the Patient Level: The CAMELYON17 Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 550-560.	5.4	269
5	Genome-wide detection of human copy number variations using high-density DNA oligonucleotide arrays. Genome Research, 2006, 16, 1575-1584.	2.4	175
6	A wave of nascent transcription on activated human genes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18357-18361.	3.3	145
7	The Niche Component Periostin Is Produced by Cancer-Associated Fibroblasts, Supporting Growth of Gastric Cancer through ERK Activation. American Journal of Pathology, 2014, 184, 859-870.	1.9	100
8	Machine learning approaches for pathologic diagnosis. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2019, 475, 131-138.	1.4	97
9	Loss of <i><scp>YAP</scp>1</i> defines neuroendocrine differentiation of lung tumors. Cancer Science, 2016, 107, 1527-1538.	1.7	82
10	Allelic dosage analysis with genotyping microarrays. Biochemical and Biophysical Research Communications, 2005, 333, 1309-1314.	1.0	73
11	Helicobacter pylori CagA elicits BRCAness to induce genome instability that may underlie bacterial gastric carcinogenesis. Cell Host and Microbe, 2021, 29, 941-958.e10.	5.1	66
12	Immunogenetic Profiling for Gastric Cancers Identifies Sulfated Glycosaminoglycans as Major and Functional B Cell Antigens in Human Malignancies. Cell Reports, 2017, 20, 1073-1087.	2.9	41
13	Multidimensional support vector machines for visualization of gene expression data. Bioinformatics, 2005, 21, 439-444.	1.8	38
14	Interleukin-13 receptor α2 is a novel marker and potential therapeutic target for human melanoma. Scientific Reports, 2019, 9, 1281.	1.6	33
15	Defined lifestyle and germline factors predispose Asian populations to gastric cancer. Science Advances, 2020, 6, eaav9778.	4.7	31
16	High-density oligonucleotide array with sub-kilobase resolution reveals breakpoint information of submicroscopic deletions in nevoid basal cell carcinoma syndrome. Human Genetics, 2007, 122, 459-466.	1.8	25
17	Capturing the differences between humoral immunity in the normal and tumor environments from repertoire-seq of B-cell receptors using supervised machine learning. BMC Bioinformatics, 2019, 20, 267.	1.2	23
18	HER2 Heterogeneity Is Associated with Poor Survival in HER2-Positive Breast Cancer. International Journal of Molecular Sciences, 2018, 19, 2158.	1.8	22

#	ARTICLE	IF	CITATIONS
19	Transplantation of alveolar type II cells stimulates lung regeneration during compensatory lung growth in adult rats. Journal of Thoracic and Cardiovascular Surgery, 2012, 143, 711-719.e2.	0.4	21
20	Stable knockdown of S100A4 suppresses cell migration and metastasis of osteosarcoma. Tumor Biology, 2011, 32, 611-622.	0.8	20
21	Novel targets identified by integrated cancer-stromal interactome analysis of pancreatic adenocarcinoma. Cancer Letters, 2020, 469, 217-227.	3.2	19
22	The first case of gastric carcinoma with NTRK rearrangement: identification of a novel ATP1Bâ€"NTRK1 fusion. Gastric Cancer, 2020, 23, 944-947.	2.7	19
23	Universal encoding of pan-cancer histology by deep texture representations. Cell Reports, 2022, 38, 110424.	2.9	19
24	Clinicopathological significance of microRNAâ€"21 in extracellular vesicles of pleural lavage fluid of lung adenocarcinoma and its functions inducing the mesothelial to mesenchymal transition. Cancer Medicine, 2020, 9, 2879-2890.	1.3	17
25	High expression of olfactomedin-4 is correlated with chemoresistance and poor prognosis in pancreatic cancer. PLoS ONE, 2020, 15, e0226707.	1.1	16
26	A benchmark for comparing precision medicine methods in thyroid cancer diagnosis using tissue microarrays. Bioinformatics, 2018, 34, 1767-1773.	1.8	12
27	Deep learning-based classification of the mouse estrous cycle stages. Scientific Reports, 2020, 10, 11714.	1.6	11
28	Noise reduction from genotyping microarrays using probe level information. In Silico Biology, 2006, 6, 79-92.	0.4	11
29	CASTIN: a system for comprehensive analysis of cancer-stromal interactome. BMC Genomics, 2016, 17, 899.	1.2	10
30	High expression levels of polymeric immunoglobulin receptor are correlated with chemoresistance and poor prognosis in pancreatic cancer. Oncology Reports, 2020, 44, 252-262.	1.2	10
31	Clinical significance of NF2 alteration in grade I meningiomas revisited; prognostic impact integrated with extent of resection, tumour location, and Ki-67 index. Acta Neuropathologica Communications, 2022, 10, 76.	2.4	10
32	Difference in morphology and interactome profiles between orthotopic and subcutaneous gastric cancer xenograft models. Journal of Toxicologic Pathology, 2018, 31, 293-300.	0.3	5
33	Multi-tumor analysis of cancer-stroma interactomes of patient-derived xenografts unveils the unique homeostatic process in renal cell carcinomas. IScience, 2021, 24, 103322.	1.9	5
34	Inï¿½vivo effects of mutant RHOA on tumor formation in an orthotopic inoculation model. Oncology Reports, 2019, 42, 1745-1754.	1.2	4
35	Focal adhesion ribonucleoprotein complex proteins are major humoral cancer antigens and targets in autoimmune diseases. Communications Biology, 2020, 3, 588.	2.0	4
36	Promoting Total Efficiency in Text Clustering via Iterative and Interactive Metric Learning. , 2009, , .		3

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37	Genomic landscape of a mouse model of diffuse-type gastric adenocarcinoma. Gastric Cancer, 2022, 25, 83-95.	2.7	3
38	Viola: a structural variant signature extractor with user-defined classifications. Bioinformatics, 2022, 38, 540-542.	1.8	3
39	High levels of human epididymis protein 4 mRNA and protein expression are associated with chemoresistance and a poor prognosis in pancreatic cancer. International Journal of Oncology, 2020, 58, 57-69.	1.4	3
40	Functional genomics screening identifies aspartylâ€‹<scp>tRNA</scp> synthetase as a novel prognostic marker and a therapeutic target for gastric cancers. Journal of Pathology, 2022, 258, 106-120.	2.1	2
41	Brainstem intraparenchymal schwannoma with genetic analysis: a case report and literature review. BMC Medical Genomics, 2021, 14, 205.	0.7	1
42	Proliferative Response Induced In The Remnant Lung Tissue Following Pneumonectomy Enables Tansplanted Type II Alveolar Epithelial Cells To Regenerate Alveoli. , 2011, , .		0
43	Advanced deep learning applications in diagnostic pathology. Translational and Regulatory Sciences, 2021, 3, 36-42.	0.2	0
44	Abstract 2813: An interactome analysis for personalized chemotherapy using PDX/NOG models of non-small cell lung cancer. , 2017, , .		0
45	Abstract A30: Comprehensive and serial analyses of tumor-stroma interactions in individual PDX/NOG models contribute to personalized chemotherapy. , 2017, , .		0
46	Abstract 1055: Lymphotoxin-alpha plays key roles in lymphoproliferative lesions arising in patient-derived cancer xenografts. , 2018, , .		0
47	High levels of human epididymis protein 4 mRNA and protein expression are associated with chemoresistance and a poor prognosis in pancreatic cancer. International Journal of Oncology, 2021, 58, 57-69.	3.9	0
48	Title is missing!. , 2020, 15, e0226707.		0
49	Title is missing!. , 2020, 15, e0226707.		0
50	Title is missing!. , 2020, 15, e0226707.		0
51	Title is missing!. , 2020, 15, e0226707.		0