Daisuke Komura

List of Publications by Citations

47 papers	5,398 citations	16 h-index	55 g-index
55 ext. papers	6,842 ext. citations	8.2 avg, IF	7.14 L-index

#	Paper	IF	Citations
47	Global variation in copy number in the human genome. *Nature*, **2006**, 444, 444-54	50.4	3306
46	Pan-cancer analysis of whole genomes. *Nature*, **2020**, 578, 82-93	50.4	840
45	Machine Learning Methods for Histopathological Image Analysis. *Computational and Structural Biotechnology Journal*, **2018**, 16, 34-42	6.8	333
44	Genome-wide detection of human copy number variations using high-density DNA oligonucleotide arrays. *Genome Research*, **2006**, 16, 1575-84	9.7	156
43	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	11.7	130
42	A wave of nascent transcription on activated human genes. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 18357-61	11.5	129
41	Allelic dosage analysis with genotyping microarrays. *Biochemical and Biophysical Research Communications*, **2005**, 333, 1309-14	3.4	68
40	The niche component periostin is produced by cancer-associated fibroblasts, supporting growth of gastric cancer through ERK activation. *American Journal of Pathology*, **2014**, 184, 859-70	5.8	66
39	Loss of YAP1 defines neuroendocrine differentiation of lung tumors. *Cancer Science*, **2016**, 107, 1527-1538	3.9	44
38	Machine learning approaches for pathologic diagnosis. *Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin*, **2019**, 475, 131-138	5.1	43
37	Immunogenetic Profiling for Gastric Cancers Identifies Sulfated Glycosaminoglycans as Major and Functional B Cell Antigens in Human Malignancies. *Cell Reports*, **2017**, 20, 1073-1087	10.6	32
36	Multidimensional support vector machines for visualization of gene expression data. *Bioinformatics*, **2005**, 21, 439-44	7.2	28
35	High-density oligonucleotide array with sub-kilobase resolution reveals breakpoint information of submicroscopic deletions in nevoid basal cell carcinoma syndrome. *Human Genetics*, **2007**, 122, 459-66	6.3	25
34	Interleukin-13 receptor α is a novel marker and potential therapeutic target for human melanoma. *Scientific Reports*, **2019**, 9, 1281	4.9	20
33	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	1.5	20
32	Stable knockdown of S100A4 suppresses cell migration and metastasis of osteosarcoma. *Tumor Biology*, **2011**, 32, 611-22	2.9	20
31	Defined lifestyle and germline factors predispose Asian populations to gastric cancer. *Science Advances*, **2020**, 6, eaav9778	14.3	16

30	HER2 Heterogeneity Is Associated with Poor Survival in HER2-Positive Breast Cancer. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	13
29	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	3.6	12
28	Clinicopathological significance of microRNA-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	4.8	12
27	Helicobacter pylori CagA elicits BRCAness to induce genome instability that may underlie bacterial gastric carcinogenesis. *Cell Host and Microbe*, **2021**, 29, 941-958.e10	23.4	11
26	Noise reduction from genotyping microarrays using probe level information. *In Silico Biology*, **2006**, 6, 79-92	2	11
25	A benchmark for comparing precision medicine methods in thyroid cancer diagnosis using tissue microarrays. *Bioinformatics*, **2018**, 34, 1767-1773	7.2	10
24	High expression of olfactomedin-4 is correlated with chemoresistance and poor prognosis in pancreatic cancer. *PLoS ONE*, **2020**, 15, e0226707	3.7	9
23	Novel targets identified by integrated cancer-stromal interactome analysis of pancreatic adenocarcinoma. *Cancer Letters*, **2020**, 469, 217-227	9.9	8
22	CASTIN: a system for comprehensive analysis of cancer-stromal interactome. *BMC Genomics*, **2016**, 17, 899	4.5	8
21	The first case of gastric carcinoma with NTRK rearrangement: identification of a novel ATP1B-NTRK1 fusion. *Gastric Cancer*, **2020**, 23, 944-947	7.6	6
20	Luigi: Large-scale histopathological image retrieval system using deep texture representations		6
19	High expression levels of polymeric immunoglobulin receptor are correlated with chemoresistance and poor prognosis in pancreatic cancer. *Oncology Reports*, **2020**, 44, 252-262	3.5	5
18	In vivo effects of mutant RHOA on tumor formation in an orthotopic inoculation model. *Oncology Reports*, **2019**, 42, 1745-1754	3.5	3
17	Promoting Total Efficiency in Text Clustering via Iterative and Interactive Metric Learning **2009**,		2
16	Difference in morphology and interactome profiles between orthotopic and subcutaneous gastric cancer xenograft models. *Journal of Toxicologic Pathology*, **2018**, 31, 293-300	1.4	2
15	Capturing the Differences between Humoral Immunity in the Normal and Tumor Environments from Repertoire-Seq of B-Cell Receptors Using Supervised Machine Learning		1
14	Deep learning-based classification of the mouse estrous cycle stages. *Scientific Reports*, **2020**, 10, 11714	4.9	1
13	Focal adhesion ribonucleoprotein complex proteins are major humoral cancer antigens and targets in autoimmune diseases. *Communications Biology*, **2020**, 3, 588	6.7	1

12	Genomic landscape of a mouse model of diffuse-type gastric adenocarcinoma. *Gastric Cancer*, **2021**, 1	7.6	1
11	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	0
10	Multi-tumor analysis of cancer-stroma interactomes of patient-derived xenografts unveils the unique homeostatic process in renal cell carcinomas.. *IScience*, **2021**, 24, 103322	6.1	0
9	Brainstem intraparenchymal schwannoma with genetic analysis: a case report and literature review. *BMC Medical Genomics*, **2021**, 14, 205	3.7	0
8	Universal encoding of pan-cancer histology by deep texture representations.. *Cell Reports*, **2022**, 38, 110424	10.6	0
7	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	7.3	0
6	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	4.4	
5	Advanced deep learning applications in diagnostic pathology. *Translational and Regulatory Sciences*, **2021**, 3, 36-42	0.3	
4	High expression of olfactomedin-4 is correlated with chemoresistance and poor prognosis in pancreatic cancer **2020**, 15, e0226707		
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