Hiroshi Nakagawa

List of Publications by Year
in descending order

94	4,797	101543	102487
papers	citations	36 h-index	66 g-index

98	98	98	6977
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	SOX2 is an amplified lineage-survival oncogene in lung and esophageal squamous cell carcinomas. Nature Genetics, 2009, 41, 1238-1242.	21.4	862
2	Sox2 Cooperates with Inflammation-Mediated Stat3 Activation in the Malignant Transformation of Foregut Basal Progenitor Cells. Cell Stem Cell, 2013, 12, 304-315.	11.1	164
3	Interplay between Notch1 and Notch3 promotes EMT and tumor initiation in squamous cell carcinoma. Nature Communications, 2017, 8, 1758.	12.8	155
4	Telomerase induces immortalization of human esophageal keratinocytes without p16INK4a inactivation. Molecular Cancer Research, 2003, 1, 729-38.	3.4	147
5	Isolation and characterization of mouse and human esophageal epithelial cells in 3D organotypic culture. Nature Protocols, 2012, 7, 235-246.	12.0	138
6	Epidermal Growth Factor Receptor and Mutant p53 Expand an Esophageal Cellular Subpopulation Capable of Epithelial-to-Mesenchymal Transition through ZEB Transcription Factors. Cancer Research, 2010, 70, 4174-4184.	0.9	128
7	PRMT5 Is Required for Lymphomagenesis Triggered by Multiple Oncogenic Drivers. Cancer Discovery, 2015, 5, 288-303.	9.4	127
8	The targeting of the cyclin D1 oncogene by an Epstein-Barr virus promoter in transgenic mice causes dysplasia in the tongue, esophagus and forestomach. Oncogene, 1997, 14, 1185-1190.	5.9	126
9	A subpopulation of mouse esophageal basal cells has properties of stem cells with the capacity for self-renewal and lineage specification. Journal of Clinical Investigation, 2008, 118, 3860-9.	8.2	113
10	NOTCH1 and NOTCH3 Coordinate Esophageal Squamous Differentiation Through a CSL-Dependent Transcriptional Network. Gastroenterology, 2010, 139, 2113-2123.	1.3	107
11	Hypoxia activates the cyclooxygenase-2â€“prostaglandin E synthase axis. Carcinogenesis, 2010, 31, 427-434.	2.8	104
12	Three-Dimensional Organoids Reveal Therapy Resistance of Esophageal and Oropharyngeal Squamous Cell Carcinoma Cells. Cellular and Molecular Gastroenterology and Hepatology, 2019, 7, 73-91.	4.5	102
13	A NOTCH3-Mediated Squamous Cell Differentiation Program Limits Expansion of EMT-Competent Cells That Express the ZEB Transcription Factors. Cancer Research, 2011, 71, 6836-6847.	0.9	99
14	Cdx1 and c-Myc Foster the Initiation of Transdifferentiation of the Normal Esophageal Squamous Epithelium toward Barrett's Esophagus. PLoS ONE, 2008, 3, e3534.	2.5	99
15	Human cyclin D1 oncogene and esophageal squamous cell carcinoma. Cancer, 1995, 76, 541-549.	4.1	94
16	Long-lived keratin 15+ esophageal progenitor cells contribute to homeostasis and regeneration. Journal of Clinical Investigation, 2017, 127, 2378-2391.	8.2	86
17	Epidermal Growth Factor Receptor Regulates Aberrant Expression of Insulin-Like Growth Factor-Binding Protein 3. Cancer Research, 2004, 64, 7711-7723.	0.9	84
18	Insulin-like growth factor-binding protein-3 promotes transforming growth factor-Î²1-mediated epithelial-to-mesenchymal transition and motility in transformed human esophageal cells. Carcinogenesis, 2010, 31, 1344-1353.	2.8	72

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19	The Esophageal Organoid System Reveals Functional Interplay Between Notch and Cytokines in Reactive EpithelialAChanges. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 333-352.	4.5	72
20	The KrÃ¼ppel-like transcriptional factors Zf9 and GKLF coactivate the human keratin 4 promoter and physically interact. FEBS Letters, 2000, 473, 95-100.	2.8	64
21	Fibroblast growth factor-2â€“mediated FGFR/Erk signaling supports maintenance of cancer stem-like cells in esophageal squamous cell carcinoma. Carcinogenesis, 2017, 38, 1073-1083.	2.8	64
22	WNT10A promotes an invasive and self-renewing phenotype in esophageal squamous cell carcinoma. Carcinogenesis, 2015, 36, 598-606.	2.8	59
23	Epithelial HIF-1Î±/claudin-1 axis regulates barrier dysfunction in eosinophilic esophagitis. Journal of Clinical Investigation, 2019, 129, 3224-3235.	8.2	57
24	IGFBP3 promotes esophageal cancer growth by suppressing oxidative stress in hypoxic tumor microenvironment. American Journal of Cancer Research, 2014, 4, 29-41.	1.4	50
25	Notch Signaling Mediates Differentiation in Barrettâ€™s Esophagus and Promotes Progression to Adenocarcinoma. Gastroenterology, 2020, 159, 575-590.	1.3	49
26	Mitochondrial dysfunction in inflammatory bowel disease alters intestinal epithelial metabolism of hepatic acylcarnitines. Journal of Clinical Investigation, 2021, 131, .	8.2	49
27	Esophageal 3D Culture Systems as Modeling Tools in Esophageal Epithelial Pathobiology and Personalized Medicine. Cellular and Molecular Gastroenterology and Hepatology, 2018, 5, 461-478.	4.5	48
28	EGFR inhibitors prevent induction of cancer stem-like cells in esophageal squamous cell carcinoma by suppressing epithelial-mesenchymal transition. Cancer Biology and Therapy, 2015, 16, 933-940.	3.4	46
29	JARID1B Enables Transit between Distinct States of the Stem-like Cell Population in Oral Cancers. Cancer Research, 2016, 76, 5538-5549.	0.9	46
30	Generation and Characterization of Patientâ€Derived Head and Neck, Oral, and Esophageal Cancer Organoids. Current Protocols in Stem Cell Biology, 2020, 53, e109.	3.0	45
31	Ha-RasG12V induces senescence in primary and immortalized human esophageal keratinocytes with p53 dysfunction. Oncogene, 2004, 23, 6760-6768.	5.9	44
32	Hypoxic microenvironment as a cradle for melanoma development and progression. Cancer Biology and Therapy, 2006, 5, 476-479.	3.4	44
33	Hypoxia induces IGFBP3 in esophageal squamous cancer cells through HIFâ€1Î±â€mediated mRNA transcription and continuous protein synthesis. FASEB Journal, 2012, 26, 2620-2630.	0.5	44
34	Reprogramming of the esophageal squamous carcinoma epigenome by SOX2 promotes ADAR1 dependence. Nature Genetics, 2021, 53, 881-894.	21.4	44
35	Autophagy mediates epithelial cytoprotection in eosinophilic oesophagitis. Gut, 2017, 66, 1197-1207.	12.1	43
36	Persistent Basal Cell Hyperplasia Is Associated With Clinical and Endoscopic Findings in Patients With Histologically Inactive Eosinophilic Esophagitis. Clinical Gastroenterology and Hepatology, 2020, 18, 1475-1482.e1.	4.4	42

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37	Stem cells and origins of cancer in the upper gastrointestinal tract. Cell Stem Cell, 2021, 28, 1343-1361.	11.1	42
38	Fibrostenotic eosinophilic esophagitis might reflect epithelial lysyl oxidase induction by fibroblast-derived TNF-Î±. Journal of Allergy and Clinical Immunology, 2019, 144, 171-182.	2.9	41
39	Identifying predictors of <scp>HPV</scp>â€related head and neck squamous cell carcinoma progression and survival through patientâ€derived models. International Journal of Cancer, 2020, 147, 3236-3249.	5.1	40
40	Induction of intestinalization in human esophageal keratinocytes is a multistep process. Carcinogenesis, 2009, 30, 122-130.	2.8	39
41	Epithelial-stromal crosstalk and fibrosis in eosinophilic esophagitis. Journal of Gastroenterology, 2019, 54, 10-18.	5.1	39
42	Tumorigenic Conversion of Primary Human Esophageal Epithelial Cells Using Oncogene Combinations in the Absence of Exogenous Ras. Cancer Research, 2006, 66, 10415-10424.	0.9	38
43	Protective role of ALDH2 against acetaldehyde-derived DNA damage in oesophageal squamous epithelium. Scientific Reports, 2015, 5, 14142.	3.3	38
44	Preferential Secretion of Thymic Stromal Lymphopoietin (TSLP) by Terminally Differentiated Esophageal Epithelial Cells: Relevance to Eosinophilic Esophagitis (EoE). PLoS ONE, 2016, 11, e0150968.	2.5	38
45	Esophageal epithelial cells acquire functional characteristics of activated myofibroblasts after undergoing an epithelial to mesenchymal transition. Experimental Cell Research, 2015, 330, 102-110.	2.6	37
46	A common p53 mutation (R175H) activates c-Met receptor tyrosine kinase to enhance tumor cell invasion. Cancer Biology and Therapy, 2013, 14, 853-859.	3.4	33
47	Barriers to generating PDX models of HPVâ€related head and neck cancer. Laryngoscope, 2017, 127, 2777-2783.	2.0	33
48	Outcomes of patients with submucosal (T1b) esophageal adenocarcinoma: a multicenter cohort study. Gastrointestinal Endoscopy, 2020, 92, 31-39.e1.	1.0	33
49	HnRNPA2 is a novel histone acetyltransferase that mediates mitochondrial stress-induced nuclear gene expression. Cell Discovery, 2016, 2, 16045.	6.7	32
50	Understanding the cellular origin and progression of esophageal cancer using esophageal organoids. Cancer Letters, 2021, 509, 39-52.	7.2	31
51	EGF-mediated regulation of IGFBP-3 determines esophageal epithelial cellular response to IGF-I. American Journal of Physiology - Renal Physiology, 2006, 290, G404-G416.	3.4	29
52	Optical Imaging of Periostin Enables Early Endoscopic Detection and Characterization of Esophageal Cancer in Mice. Gastroenterology, 2013, 144, 294-297.	1.3	28
53	Distinct effects of EGFR inhibitors on epithelial- and mesenchymal-like esophageal squamous cell carcinoma cells. Journal of Experimental and Clinical Cancer Research, 2017, 36, 101.	8.6	27
54	Mechanisms of Barrett's oesophagus: Intestinal differentiation, stem cells, and tissue models. Bailliere's Best Practice and Research in Clinical Gastroenterology, 2015, 29, 3-16.	2.4	26

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55	EGFR Inhibition Promotes an Aggressive Invasion Pattern Mediated by Mesenchymal-like Tumor Cells within Squamous Cell Carcinomas. Molecular Cancer Therapeutics, 2013, 12, 2176-2186.	4.1	23
56	Clinical and biological impact of cyclin-dependent kinase subunit 2 in esophageal squamous cell carcinoma. Oncology Reports, 2014, 31, 1986-1992.	2.6	23
57	Altered Esophageal Histamine Receptor Expression in Eosinophilic Esophagitis (EoE): Implications on Disease Pathogenesis. PLoS ONE, 2015, 10, e0114831.	2.5	23
58	A pivotal role of KrÃ¼ppel-like factor 5 in regulation of cancer stem-like cells in hepatocellular carcinoma. Cancer Biology and Therapy, 2015, 16, 1453-1461.	3.4	22
59	Genetic controls of DNA damage avoidance in response to acetaldehyde in fission yeast. Cell Cycle, 2017, 16, 45-58.	2.6	22
60	Autophagy levels are elevated in barrett's esophagus and promote cell survival from acid and oxidative stress. Molecular Carcinogenesis, 2016, 55, 1526-1541.	2.7	20
61	Patient-derived organoids as a platform for modeling a patientâ€™s response to chemoradiotherapy in esophageal cancer. Scientific Reports, 2021, 11, 21304.	3.3	20
62	Notch receptor inhibition reveals the importance of cyclin D1 and Wnt signaling in invasive esophageal squamous cell carcinoma. American Journal of Cancer Research, 2012, 2, 459-75.	1.4	20
63	Cellular characterization and successful transfection of serially subcultured normal human esophageal keratinocytes. , 1998, 177, 274-281.		19
64	Use of hPSC-derived 3D organoids and mouse genetics to define the roles of YAP in the development of the esophagus. Development (Cambridge), 2019, 146, .	2.5	19
65	Modeling Epithelial Homeostasis and Reactive Epithelial Changes in Human and Murine Threeâ€Dimensional Esophageal Organoids. Current Protocols in Stem Cell Biology, 2020, 52, e106.	3.0	19
66	Mutant p53 regulates Survivin to foster lung metastasis. Genes and Development, 2021, 35, 528-541.	5.9	19
67	Autophagy mitigates ethanol-induced mitochondrial dysfunction and oxidative stress in esophageal keratinocytes. PLoS ONE, 2020, 15, e0239625.	2.5	18
68	Rab11â€FIP1 mediates epithelialâ€mesenchymal transition and invasion in esophageal cancer. EMBO Reports, 2021, 22, e48351.	4.5	16
69	Pan-ERBB kinase inhibition augments CDK4/6 inhibitor efficacy in oesophageal squamous cell carcinoma. Gut, 2022, 71, 665-675.	12.1	15
70	CD73+ Epithelial Progenitor Cells That Contribute to Homeostasis and Renewal Are Depleted in Eosinophilic Esophagitis. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 1449-1467.	4.5	15
71	hnRNPA2 mediated acetylation reduces telomere length in response to mitochondrial dysfunction. PLoS ONE, 2018, 13, e0206897.	2.5	12
72	ALDH2 modulates autophagy flux to regulate acetaldehyde-mediated toxicity thresholds. American Journal of Cancer Research, 2016, 6, 781-96.	1.4	12

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73	ATG7 Gene Expression as a Novel Tissue Biomarker in Eosinophilic Esophagitis. American Journal of Gastroenterology, 2016, 111, 151-153.	0.4	11
74	Inducing Cellular Senescence Using Defined Genetic Elements. Methods in Molecular Biology, 2007, 371, 167-178.	0.9	10
75	Immature myeloid progenitors promote disease progression in a mouse model of Barrett's-like metaplasia. Oncotarget, 2015, 6, 32980-33005.	1.8	10
76	Alcohol Metabolism Enriches Squamous Cell Carcinoma Cancer Stem Cells That Survive Oxidative Stress via Autophagy. Biomolecules, 2021, 11, 1479.	4.0	10
77	Novel 5-fluorouracil-resistant human esophageal squamous cell carcinoma cells with dihydropyrimidine dehydrogenase overexpression. American Journal of Cancer Research, 2015, 5, 2431-40.	1.4	10
78	A new model system identifies epidermal growth factor receptor-human epidermal growth factor receptor 2 (HER2) and HER2-human epidermal growth factor receptor 3 heterodimers as potent inducers of oesophageal epithelial cell invasion. Journal of Pathology, 2017, 243, 481-495.	4.5	9
79	FANCD2 limits acetaldehydeâ€induced genomic instability during DNA replication in esophageal keratinocytes. Molecular Oncology, 2021, 15, 3109-3124.	4.6	9
80	NOTCH3 limits the epithelialâ€“mesenchymal transition and predicts a favorable clinical outcome in esophageal cancer. Cancer Medicine, 2021, 10, 3986-3996.	2.8	7
81	Flow based single cell analysis of the immune landscape distinguishes Barrettâ€™s esophagus from adjacent normal tissue. Oncotarget, 2019, 10, 3592-3604.	1.8	7
82	3D Organoids: An Untapped Platform for Studying Hostâ€“Microbiome Interactions in Esophageal Cancers. Microorganisms, 2021, 9, 2182.	3.6	7
83	Targeting JARID1Bâ€™s demethylase activity blocks a subset of its functions in oral cancer. Oncotarget, 2018, 9, 8985-8998.	1.8	6
84	Use of live varicella vaccine in childen with acute leukemia.. Tohoku Journal of Experimental Medicine, 1978, 126, 393-395.	1.2	5
85	Esophageal 3D organoids of MPV17-/- mouse model of mitochondrial DNA depletion show epithelial cell plasticity and telomere attrition. Oncotarget, 2019, 10, 6245-6259.	1.8	5
86	MMP7 and activation of IGF-1R: A new insight into anti-EGFR therapeutic resistance in metastatic colorectal cancer. Cancer Biology and Therapy, 2011, 11, 184-187.	3.4	4
87	Mutations in foregut SOX2+ cells induce efficient proliferation via CXCR2 pathway. Protein and Cell, 2019, 10, 485-495.	11.0	4
88	Myc Supports Self-Renewal of Basal Cells in the Esophageal Epithelium. Frontiers in Cell and Developmental Biology, 2022, 10, 786031.	3.7	2
89	MicroRNA-Based Cancer Mortality Risk Scoring System and hTERT Expression in Early-Stage Oral Squamous Cell Carcinoma. Journal of Oncology, 2021, 2021, 1-11.	1.3	1
90	Role of Infectious Agents on Development of Esophageal Carcinomas. Current Cancer Research, 2019, , 39-65.	0.2	0

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91	Title is missing!. , 2020, 15, e0239625.		0
92	Title is missing!. , 2020, 15, e0239625.		0
93	Title is missing!. , 2020, 15, e0239625.		0
94	Title is missing!. , 2020, 15, e0239625.		0