

Masahiro Inoue

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

4,277
citations

279798

23
h-index

289244

40
g-index

44
all docs

44
docs citations

44
times ranked

6935
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiangiogenic Therapy Elicits Malignant Progression of Tumors to Increased Local Invasion and Distant Metastasis. <i>Cancer Cell</i> , 2009, 15, 220-231.	16.8	2,168
2	VEGF-A has a critical, nonredundant role in angiogenic switching and pancreatic \hat{I}^2 cell carcinogenesis. <i>Cancer Cell</i> , 2002, 1, 193-202.	16.8	372
3	Retaining cell-cell contact enables preparation and culture of spheroids composed of pure primary cancer cells from colorectal cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6235-6240.	7.1	263
4	Cancer cells that survive radiation therapy acquire HIF-1 activity and translocate towards tumour blood vessels. <i>Nature Communications</i> , 2012, 3, 783.	12.8	149
5	Application of Cancer Organoid Model for Drug Screening and Personalized Therapy. <i>Cells</i> , 2019, 8, 470.	4.1	143
6	Dormancy in cancer. <i>Cancer Science</i> , 2019, 110, 474-480.	3.9	121
7	High resolution imaging of intracellular oxygen concentration by phosphorescence lifetime. <i>Scientific Reports</i> , 2015, 5, 10657.	3.3	100
8	High-throughput screening in colorectal cancer tissue-originated spheroids. <i>Cancer Science</i> , 2019, 110, 345-355.	3.9	96
9	Downregulation of c-MYC Protein Levels Contributes to Cancer Cell Survival under Dual Deficiency of Oxygen and Glucose. <i>Cancer Research</i> , 2010, 70, 10213-10223.	0.9	87
10	Spheroid Culture of Primary Lung Cancer Cells with Neuregulin 1/HER3 Pathway Activation. <i>Journal of Thoracic Oncology</i> , 2013, 8, 131-139.	1.1	86
11	p63 and SOX2 Dictate Glucose Reliance and Metabolic Vulnerabilities in Squamous Cell Carcinomas. <i>Cell Reports</i> , 2019, 28, 1860-1878.e9.	6.4	68
12	High-throughput screening with nanoimprinting 3D culture for efficient drug development by mimicking the tumor environment. <i>Biomaterials</i> , 2015, 51, 278-289.	11.4	60
13	Inactivation of Rho GTPases by p190 RhoGAP reduces human pancreatic cancer cell invasion and metastasis. <i>Cancer Science</i> , 2006, 97, 848-853.	3.9	46
14	Dormancy of Cancer Cells with Suppression of AKT Activity Contributes to Survival in Chronic Hypoxia. <i>PLoS ONE</i> , 2014, 9, e98858.	2.5	46
15	High-dose chemotherapeutics of intravesical chemotherapy rapidly induce mitochondrial dysfunction in bladder cancer-derived spheroids. <i>Cancer Science</i> , 2015, 106, 69-77.	3.9	38
16	Drug screening and grouping by sensitivity with a panel of primary cultured cancer spheroids derived from endometrial cancer. <i>Cancer Science</i> , 2016, 107, 452-460.	3.9	38
17	Activation of Insulin-like Growth Factor Signaling Induces Apoptotic Cell Death Under Prolonged Hypoxia by Enhancing Endoplasmic Reticulum Stress Response. <i>Cancer Research</i> , 2007, 67, 8095-8103.	0.9	35
18	Dynamic Change of Polarity in Primary Cultured Spheroids of Human Colorectal Adenocarcinoma and Its Role in Metastasis. <i>American Journal of Pathology</i> , 2016, 186, 899-911.	3.8	34

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19	Involvement of Heregulin/HER3 in the Primary Culture of Human Urothelial Cancer. <i>Journal of Urology</i> , 2013, 190, 302-310.	0.4	33
20	Discovery and Structure-Based Optimization of Potent and Selective WD Repeat Domain 5 (WDR5) Inhibitors Containing a Dihydroisoquinolinone Bicyclic Core. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 656-675.	6.4	33
21	Radiation sensitivity assay with a panel of patient-derived spheroids of small cell carcinoma of the cervix. <i>International Journal of Cancer</i> , 2015, 136, 2949-2960.	5.1	27
22	Hypoxia reduces HNF4 α /MODY1 protein expression in pancreatic β -cells by activating AMP-activated protein kinase. <i>Journal of Biological Chemistry</i> , 2017, 292, 8716-8728.	3.4	27
23	In vivo and ex vivo cetuximab sensitivity assay using three-dimensional primary culture system to stratify KRAS mutant colorectal cancer. <i>PLoS ONE</i> , 2017, 12, e0174151.	2.5	25
24	Study of glycosylation of prostate-specific antigen secreted by cancer tissue-originated spheroids reveals new candidates for prostate cancer detection. <i>Scientific Reports</i> , 2020, 10, 2708.	3.3	25
25	Hydrodynamic stress stimulates growth of cell clusters via the ANXA1/PI3K/AKT axis in colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 20027.	3.3	20
26	Spheroid Cultures of Primary Urothelial Cancer Cells: Cancer Tissue-Originated Spheroid (CTOS) Method. <i>Methods in Molecular Biology</i> , 2018, 1655, 145-153.	0.9	18
27	Hypoxia inducible factor-1 α is necessary for invasive phenotype in Vegf-deleted islet cell tumors. <i>Scientific Reports</i> , 2012, 2, 494.	3.3	17
28	Promotion of malignant phenotype after disruption of the three-dimensional structure of cultured spheroids from colorectal cancer. <i>Oncotarget</i> , 2018, 9, 15968-15983.	1.8	15
29	Novel functional anti-HER3 monoclonal antibodies with potent anti-cancer effects on various human epithelial cancers. <i>Oncotarget</i> , 2020, 11, 31-45.	1.8	11
30	Dynamic Change in p63 Protein Expression during Implantation of Urothelial Cancer Clusters. <i>Neoplasia</i> , 2015, 17, 574-585.	5.3	10
31	Generation of a monoclonal antibody recognizing the CEACAM glycan structure and inhibiting adhesion using cancer tissue-originated spheroid as an antigen. <i>Scientific Reports</i> , 2016, 6, 24823.	3.3	10
32	Small Cell Carcinomas of the Uterine Cervix and Lung: Proteomics Reveals Similar Protein Expression Profiles. <i>International Journal of Gynecological Cancer</i> , 2018, 28, 1751-1757.	2.5	9
33	Aberrant activation of Rho/ROCK signaling in impaired polarity switching of colorectal micropapillary carcinoma. <i>Journal of Pathology</i> , 2021, 255, 84-94.	4.5	9
34	Small subset of Wnt-activated cells is an initiator of regrowth in colorectal cancer organoids after irradiation. <i>Cancer Science</i> , 2020, 111, 4429-4441.	3.9	8
35	Liver ductal organoids reconstruct intrahepatic biliary trees in decellularized liver grafts. <i>Biomaterials</i> , 2022, 287, 121614.	11.4	8
36	Dedifferentiation of neuroendocrine carcinoma of the uterine cervix in hypoxia. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 398-404.	2.1	7

#	ARTICLE	IF	CITATIONS
37	Novel ex vivo disease model for extramammary Paget's disease using the cancer tissue-originated spheroid method. <i>Journal of Dermatological Science</i> , 2020, 99, 185-192.	1.9	6
38	Heterogenous chemosensitivity of a panel of organoid lines derived from small cell neuroendocrine carcinoma of the uterine cervix. <i>Human Cell</i> , 2021, 34, 889-900.	2.7	4
39	Polarity switching of ovarian cancer cell clusters via SRC family kinase is involved in the peritoneal dissemination. <i>Cancer Science</i> , 2022, 113, 3437-3448.	3.9	3