

# Kazufumi Honda

## List of Publications by Year in descending order

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93  
papers

4,070  
citations

87723

38  
h-index

118652

62  
g-index

96  
all docs

96  
docs citations

96  
times ranked

5673  
citing authors

#	ARTICLE	IF	CITATIONS
1	Actinin-4, a Novel Actin-bundling Protein Associated with Cell Motility and Cancer Invasion. <i>Journal of Cell Biology</i> , 1998, 140, 1383-1393.	2.3	408
2	Label-free Quantitative Proteomics Using Large Peptide Data Sets Generated by Nanoflow Liquid Chromatography and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 1338-1347.	2.5	179
3	Somatostatin Receptor Subtype 2 Knockout Mice Are Refractory to Growth Hormone-Negative Feedback on Arcuate Neurons. <i>Molecular Endocrinology</i> , 1997, 11, 1709-1717.	3.7	152
4	Prognostic Significance of Tissue Factor in Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2005, 11, 2531-2539.	3.2	152
5	Combined Functional Genome Survey of Therapeutic Targets for Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2010, 16, 2518-2528.	3.2	149
6	SOX10 is a novel marker of acinus and intercalated duct differentiation in salivary gland tumors: a clue to the histogenesis for tumor diagnosis. <i>Modern Pathology</i> , 2013, 26, 1041-1050.	2.9	146
7	Possible Detection of Pancreatic Cancer by Plasma Protein Profiling. <i>Cancer Research</i> , 2005, 65, 10613-10622.	0.4	122
8	Reduced Argininosuccinate Synthetase Is a Predictive Biomarker for the Development of Pulmonary Metastasis in Patients with Osteosarcoma. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 535-544.	1.9	111
9	Traf2- and Nck-Interacting Kinase Is Essential for Wnt Signaling and Colorectal Cancer Growth. <i>Cancer Research</i> , 2010, 70, 5024-5033.	0.4	109
10	E-Cadherin Regulates the Association between $\beta$ -Catenin and Actinin-4. <i>Cancer Research</i> , 2005, 65, 8836-8845.	0.4	107
11	Expression and Gene Amplification of Actinin-4 in Invasive Ductal Carcinoma of the Pancreas. <i>Clinical Cancer Research</i> , 2008, 14, 5348-5356.	3.2	101
12	Plasma proteomics of pancreatic cancer patients by multi-dimensional liquid chromatography and two-dimensional difference gel electrophoresis (2D-DIGE): Up-regulation of leucine-rich alpha-2-glycoprotein in pancreatic cancer. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 852, 257-267.	1.2	99
13	Live single cell mass spectrometry reveals cancer-specific metabolic profiles of circulating tumor cells. <i>Cancer Science</i> , 2019, 110, 697-706.	1.7	90
14	The biological role of actinin-4 (ACTN4) in malignant phenotypes of cancer. <i>Cell and Bioscience</i> , 2015, 5, 41.	2.1	85
15	Actinin-4 gene amplification in ovarian cancer: a candidate oncogene associated with poor patient prognosis and tumor chemoresistance. <i>Modern Pathology</i> , 2009, 22, 499-507.	2.9	77
16	Identification of IGFBP2 and IGFBP3 As Compensatory Biomarkers for CA19-9 in Early-Stage Pancreatic Cancer Using a Combination of Antibody-Based and LC-MS/MS-Based Proteomics. <i>PLoS ONE</i> , 2016, 11, e0161009.	1.1	76
17	Actinin-4 expression in ovarian cancer: a novel prognostic indicator independent of clinical stage and histological type. <i>Modern Pathology</i> , 2007, 20, 1278-1285.	2.9	73
18	Rab13 Regulates Neurite Outgrowth in PC12 Cells through Its Effector Protein, JRAB/MICAL-L2. <i>Molecular and Cellular Biology</i> , 2010, 30, 1077-1087.	1.1	71

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19	Ku70 and Poly(ADP-Ribose) Polymerase-1 Competitively Regulate $\beta$ -Catenin and T-Cell Factor-4-Mediated Gene Transactivation: Possible Linkage of DNA Damage Recognition and Wnt Signaling. <i>Cancer Research</i> , 2007, 67, 911-918.	0.4	70
20	Identification of Adipophilin as a Potential Plasma Biomarker for Colorectal Cancer Using Label-Free Quantitative Mass Spectrometry and Protein Microarray. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 2195-2203.	1.1	67
21	Quantitative proteomics using formalin-fixed paraffin-embedded tissues of oral squamous cell carcinoma. <i>Cancer Science</i> , 2009, 100, 1605-1611.	1.7	63
22	Plasma biomarker discovery and validation for colorectal cancer by quantitative shotgun mass spectrometry and protein microarray. <i>Cancer Science</i> , 2011, 102, 630-638.	1.7	58
23	Monitoring of cancer patients via next-generation sequencing of patient-derived circulating tumor cells and tumor DNA. <i>Cancer Science</i> , 2019, 110, 2590-2599.	1.7	57
24	Proteomic Approaches to the Discovery of Cancer Biomarkers for Early Detection and Personalized Medicine. <i>Japanese Journal of Clinical Oncology</i> , 2013, 43, 103-109.	0.6	54
25	Alternative Mammalian Target of Rapamycin (mTOR) Signal Activation in Sorafenib-resistant Hepatocellular Carcinoma Cells Revealed by Array-based Pathway Profiling. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1429-1438.	2.5	54
26	Close association of severe hyponatremia with exaggerated release of arginine vasopressin in elderly subjects with secondary adrenal insufficiency. <i>European Journal of Endocrinology</i> , 2003, 148, 221-226.	1.9	51
27	Prolyl 4-Hydroxylation of $\alpha$ -Fibrinogen. <i>Journal of Biological Chemistry</i> , 2009, 284, 29041-29049.	1.6	51
28	Alternative splice variant of actinin-4 in small cell lung cancer. <i>Oncogene</i> , 2004, 23, 5257-5262.	2.6	49
29	Possible Prediction of Chemoradiosensitivity of Esophageal Cancer by Serum Protein Profiling. <i>Clinical Cancer Research</i> , 2005, 11, 8042-8047.	3.2	47
30	Mass Spectrometry Analysis of the Native Protein Complex Containing Actinin-4 in Prostate Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 479-491.	2.5	47
31	Reduced Plasma Level of CXC Chemokine Ligand 7 in Patients with Pancreatic Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 160-171.	1.1	45
32	CA19-9 and apolipoprotein A2 isoforms as detection markers for pancreatic cancer: a prospective evaluation. <i>International Journal of Cancer</i> , 2019, 144, 1877-1887.	2.3	44
33	Multiplexed single-molecule enzyme activity analysis for counting disease-related proteins in biological samples. <i>Science Advances</i> , 2020, 6, eaay0888.	4.7	44
34	Antithyroid therapy improves bony manifestations and bone metabolic markers in patients with Graves' thyrotoxicosis. <i>Clinical Endocrinology</i> , 1997, 47, 215-221.	1.2	43
35	Large-scale quantitative clinical proteomics by label-free liquid chromatography and mass spectrometry. <i>Cancer Science</i> , 2009, 100, 514-519.	1.7	41
36	Soluble interleukin-6 receptor is a serum biomarker for the response of esophageal carcinoma to neoadjuvant chemoradiotherapy. <i>Cancer Science</i> , 2013, 104, 1045-1051.	1.7	41

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37	Morphological and transcriptional responses of untransformed intestinal epithelial cells to an oncogenic $\beta$ -catenin protein. <i>Oncogene</i> , 2005, 24, 3141-3153.	2.6	40
38	Identification of a Predictive Biomarker for Hematologic Toxicities of Gemcitabine. <i>Journal of Clinical Oncology</i> , 2009, 27, 2261-2268.	0.8	40
39	Rab13 Small G Protein and Junctional Rab13-binding Protein (JRAB) Orchestrate Actin Cytoskeletal Organization during Epithelial Junctional Development. <i>Journal of Biological Chemistry</i> , 2012, 287, 42455-42468.	1.6	40
40	Facilitative role of endogenous oxytocin in noradrenaline release in the rat supraoptic nucleus. <i>European Journal of Neuroscience</i> , 2003, 18, 3018-3026.	1.2	38
41	Identification of highly sensitive biomarkers that can aid the early detection of pancreatic cancer using GC/MS/MS-based targeted metabolomics. <i>Clinica Chimica Acta</i> , 2017, 468, 98-104.	0.5	38
42	<i>ACTN4</i> gene amplification and actinin-4 protein overexpression drive tumour development and histological progression in a high-grade subset of ovarian clear-cell adenocarcinomas. <i>Histopathology</i> , 2012, 60, 1073-1083.	1.6	35
43	Copy number increase of <i>ACTN4</i> is a prognostic indicator in salivary gland carcinoma. <i>Cancer Medicine</i> , 2014, 3, 613-622.	1.3	34
44	Survival Prediction for Pancreatic Cancer Patients Receiving Gemcitabine Treatment. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 695-704.	2.5	33
45	Functional genome screen for therapeutic targets of osteosarcoma. <i>Cancer Science</i> , 2009, 100, 2268-2274.	1.7	32
46	Traf2- and Nck-interacting Kinase Is Essential for Canonical Wnt Signaling in <i>Xenopus</i> Axis Formation. <i>Journal of Biological Chemistry</i> , 2010, 285, 26289-26294.	1.6	30
47	Persistent phenotypic correction of central diabetes insipidus using adeno-associated virus vector expressing Arginine-Vasopressin in brattleboro rats. <i>Molecular Therapy</i> , 2003, 8, 895-902.	3.7	29
48	Increased susceptibility of <i>Sf1</i> <sup>+/+</sup> mice to azoxymethane-induced colon tumorigenesis. <i>Cancer Science</i> , 2007, 98, 1862-1867.	1.7	25
49	Potential usefulness of apolipoprotein A2 isoforms for screening and risk stratification of pancreatic cancer. <i>Biomarkers in Medicine</i> , 2016, 10, 1197-1207.	0.6	22
50	Actinin-1 and actinin-4 play essential but distinct roles in invadopodia formation by carcinoma cells. <i>European Journal of Cell Biology</i> , 2017, 96, 685-694.	1.6	22
51	Efficacy of adjuvant chemotherapy for non-small cell lung cancer assessed by metastatic potential associated with ACTN4. <i>Oncotarget</i> , 2016, 7, 33165-33178.	0.8	22
52	Association of CTLA-4 polymorphism with positive anti-GAD antibody in Japanese subjects with type 1 diabetes mellitus. <i>Clinical Endocrinology</i> , 1999, 51, 793-799.	1.2	21
53	Medullary A1 noradrenergic neurones may mediate oxytocin release after noxious stimuli. <i>NeuroReport</i> , 2001, 12, 2499-2502.	0.6	21
54	Comprehensive characterization of the phosphoproteome of gastric cancer from endoscopic biopsy specimens. <i>Theranostics</i> , 2020, 10, 2115-2129.	4.6	20

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55	On-tissue polysulfide visualization by surface-enhanced Raman spectroscopy benefits patients with ovarian cancer to predict post-operative chemosensitivity. <i>Redox Biology</i> , 2021, 41, 101926.	3.9	20
56	Junctional $\alpha$ -actinin-4-binding protein (JABP) regulates cell spreading via filamins. <i>Genes To Cells</i> , 2013, 18, 810-822.	0.5	17
57	Immunohistochemical actinin-4 expression in infiltrating gliomas: association with WHO grade and differentiation. <i>Brain Tumor Pathology</i> , 2014, 31, 11-16.	1.1	16
58	Prospects for Comprehensive Analyses of Circulating Tumor Cells in Tumor Biology. <i>Cancers</i> , 2020, 12, 1135.	1.7	16
59	Actinin-4 protein overexpression as a predictive biomarker in adjuvant chemotherapy for resected lung adenocarcinoma. <i>Biomarkers in Medicine</i> , 2017, 11, 721-731.	0.6	15
60	Identification of serum biomarkers of chemoradiosensitivity in esophageal cancer via the targeted metabolomics approach. <i>Biomarkers in Medicine</i> , 2018, 12, 827-840.	0.6	15
61	The peripheral immune status of granulocytic myeloid-derived suppressor cells correlates the survival in advanced gastric cancer patients receiving cisplatin-based chemotherapy. <i>Oncotarget</i> , 2017, 8, 95083-95094.	0.8	15
62	Histological growth pattern of and alpha-actinin-4 expression in thyroid cancer. <i>Anticancer Research</i> , 2014, 34, 3157-63.	0.5	14
63	Arginine vasopressin inhibits apoptosis of rat glomerular mesangial cells via V1a receptors. <i>Life Sciences</i> , 2001, 68, 1485-1493.	2.0	13
64	Neuromedin U facilitates oxytocin release from the pituitary via $\hat{1}2$ adrenoceptors. <i>NeuroReport</i> , 2003, 14, 1997-2000.	0.6	13
65	Leucine-Rich Alpha-2-Glycoprotein 1 in Serum Is a Possible Biomarker to Predict Response to Preoperative Chemoradiotherapy for Esophageal Cancer. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1766-1771.	0.6	13
66	Galactorrhoea and amenorrhoea due to an intradural neurinoma originating from a thoracic intercostal nerve radicle. <i>Clinical Endocrinology</i> , 1997, 46, 631-636.	1.2	11
67	Serum albumin-associated peptides of patients with uterine endometrial cancer. <i>Cancer Science</i> , 2007, 98, 822-829.	1.7	11
68	Serum apolipoprotein A2 isoforms in autoimmune pancreatitis. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 903-907.	1.0	11
69	Serum level of octanoic acid predicts the efficacy of chemotherapy for colorectal cancer. <i>Oncology Letters</i> , 2019, 17, 831-842.	0.8	10
70	Metabolomics-based Discovery of Serum Biomarkers to Predict the Side-effects of Neoadjuvant Chemoradiotherapy for Esophageal Squamous Cell Carcinoma. <i>Anticancer Research</i> , 2019, 39, 519-526.	0.5	8
71	Prognostic impact of ACTN4 gene copy number alteration in hormone receptor-positive, HER2-negative, node-negative invasive breast carcinoma. <i>British Journal of Cancer</i> , 2020, 122, 1811-1817.	2.9	8
72	The alternatively spliced actinin-4 variant as a prognostic marker for metastasis in small-cell lung cancer. <i>Anticancer Research</i> , 2015, 35, 1663-7.	0.5	8

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73	Trends in biomarker discoveries for the early detection and risk stratification of pancreatic cancer using omics studies. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 651-654.	1.5	6
74	Inhibition by Adrenomedullin of Arginine Vasopressin-Activated Mitogen-Activated Protein Kinase in Rat Glomerular Mesangial Cells via cAMP Production.. <i>Hypertension Research</i> , 1996, 19, 113-119.	1.5	6
75	Vasopressin differentially modulates noradrenaline release in the rat supraoptic nucleus. <i>NeuroReport</i> , 2001, 12, 3509-3511.	0.6	5
76	BP180 Is a Prognostic Factor in Head and Neck Squamous Cell Carcinoma. <i>Anticancer Research</i> , 2021, 41, 1089-1099.	0.5	5
77	Usefulness of serum protein profiling for prediction of preoperative chemoradiosensitivity of esophageal cancer. <i>Oncology Reports</i> , 2007, 18, 653-7.	1.2	5
78	Cellular signaling and proliferative action of AVP in mesangium of SHR: Effect of low density lipoprotein. <i>Kidney International</i> , 1996, 50, 1506-1514.	2.6	4
79	Measurement of copy number of ACTN4 to optimize the therapeutic strategy for locally advanced pancreatic cancer. <i>Pancreatology</i> , 2018, 18, 624-629.	0.5	4
80	Actinin-4 splice variant - a complementary diagnostic and prognostic marker of pancreatic neuroendocrine neoplasms. <i>Journal of Cancer</i> , 2020, 11, 2318-2328.	1.2	4
81	Risk stratification of pancreatic cancer by a blood test for apolipoprotein A2-isoforms. <i>Cancer Biomarkers</i> , 2022, 33, 503-512.	0.8	4
82	A case of an HIV infected patient discovered during dental treatment.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1998, 44, 1002-1004.	0.0	3
83	Growth Hormone-Releasing Hormone and Morphine Attenuate Growth Hormone Secretagogue-Induced Activation of the Arcuate Nucleus in the Male Rat. <i>Neuroendocrinology</i> , 1999, 70, 101-106.	1.2	2
84	Development of Biomarkers to Predict Recurrence by Determining the Metastatic Ability of Cancer Cells. <i>Journal of Nippon Medical School</i> , 2022, 89, 24-32.	0.3	2
85	ACTN4 gene amplification is a predictive biomarker for adjuvant chemotherapy with UFT in stage I lung adenocarcinomas. <i>Cancer Science</i> , 2021, , .	1.7	2
86	Combined Functional Genome Survey of Therapeutic Targets for Clear Cell Carcinoma of the Kidney. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 847-853.	0.6	1
87	A phase I study of the combination of panitumumab and bevacizumab in KRAS wild-type colorectal cancer patients previously treated with fluoropyrimidine, oxaliplatin, irinotecan and bevacizumab. <i>Cancer Chemotherapy and Pharmacology</i> , 2016, 78, 567-575.	1.1	1
88	Hepatitis B X-interacting protein, involved in increasing proliferation and cell migration, is a prognostic marker in head and neck squamous cell carcinoma. <i>Oral Science International</i> , 2021, 18, 217-228.	0.3	1
89	A case of spindle cell carcinoma of the bilateral mandibular gingiva.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 1994, 40, 1181-1183.	0.0	1
90	A suspected case of palatine T-cell lymphoma.. <i>Nihon Koku Geka Gakkai Zasshi</i> , 2002, 48, 310-313.	0.0	1

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91	Inhibition by Transforming Growth Factor- $\beta$ 1 of the Cellular Action of Arginine Vasopressin in Cultured Rat Glomerular Mesangial Cells. Hypertension Research, 1999, 22, 173-180.	1.5	1
92	The Role of Central Vasopressin in the Development of Stress-Induced Gastric Ulcer. Annals of the New York Academy of Sciences, 1993, 689, 597-599.	1.8	0
93	PSY8-2 Search of biomarkers and creation of innovative methods required for precision medicine for gastric cancer. Annals of Oncology, 2021, 32, S245.	0.6	0