Kazuyuki Itoh

List of Publications by Year in Descending Order

70 papers	3,024 citations	29 h-index	54 g-index
70 ext. papers	3,207 ext. citations	6.7 avg, IF	4.38 L-index

#	Paper	IF	Citations
70	Manipulation of the tumor microenvironment by cytokine gene transfection enhances dendritic cell-based immunotherapy. *FASEB BioAdvances*, **2020**, 2, 5-17	2.8	2
69	Involvement of SNX1 in regulating EGFR endocytosis in a gefitinib-resistant NSCLC cell lines.. *Cancer Drug Resistance (Alhambra, Calif)*, **2019**, 2, 539-549	4.5	
68	Evidence for intrathecal sodium butyrate as a novel option for leptomeningeal metastasis. *Journal of Neuro-Oncology*, **2018**, 139, 43-50	4.8	2
67	Sodium butyrate induces senescence and inhibits the invasiveness of glioblastoma cells. *Oncology Letters*, **2018**, 15, 1495-1502	2.6	6
66	Trabectedin is a promising antitumor agent potentially inducing melanocytic differentiation for clear cell sarcoma. *Cancer Medicine*, **2017**, 6, 2121-2130	4.8	9
65	Therapeutic potential of TAS-115 via c-MET and PDGFR signal inhibition for synovial sarcoma. *BMC Cancer*, **2017**, 17, 334	4.8	7
64	Ephedrae herba stimulates hepatocyte growth factor-induced MET endocytosis and downregulation via early/late endocytic pathways in gefitinib-resistant human lung cancer cells. *International Journal of Oncology*, **2016**, 48, 1895-906	4.4	6
63	Trabectedin is a promising antitumour agent for synovial sarcoma. *Journal of Chemotherapy*, **2016**, 28, 417-24	2.3	3
62	Daphnetin inhibits invasion and migration of LM8 murine osteosarcoma cells by decreasing RhoA and Cdc42 expression. *Biochemical and Biophysical Research Communications*, **2016**, 471, 63-7	3.4	20
61	Basic Research for Osteosarcoma Lung Metastasis (LM8) **2016**, 19-29		
60	Functional and therapeutic relevance of hepatocyte growth factor/c-MET signaling in synovial sarcoma. *Cancer Science*, **2016**, 107, 1867-1876	6.9	20
59	EGF-stimulated AKT activation is mediated by EGFR recycling via an early endocytic pathway in a gefitinib-resistant human lung cancer cell line. *International Journal of Oncology*, **2015**, 46, 1721-9	4.4	22
58	Establishment of a novel clear cell sarcoma cell line (Hewga-CCS), and investigation of the antitumor effects of pazopanib on Hewga-CCS. *BMC Cancer*, **2014**, 14, 455	4.8	17
57	Combined targeting of mTOR and c-MET signaling pathways for effective management of epithelioid sarcoma. *Molecular Cancer*, **2014**, 13, 185	42.1	28
56	Evidence that depletion of the sorting nexin 1 by siRNA promotes HGF-induced MET endocytosis and MET phosphorylation in a gefitinib-resistant human lung cancer cell line. *International Journal of Oncology*, **2014**, 44, 412-26	4.4	8
55	Deflection of vascular endothelial growth factor action by SS18-SSX and composite vascular endothelial growth factor- and chemokine (C-X-C motif) receptor 4-targeted therapy in synovial sarcoma. *Cancer Science*, **2014**, 105, 1124-34	6.9	10
54	Tailored therapeutic strategies for synovial sarcoma: receptor tyrosine kinase pathway analyses predict sensitivity to the mTOR inhibitor RAD001. *Cancer Letters*, **2014**, 347, 114-22	9.9	13

53	Dynamic analysis of lung metastasis by mouse osteosarcoma LM8: VEGF is a candidate for anti-metastasis therapy. *Clinical and Experimental Metastasis*, **2013**, 30, 369-79	4.7	31
52	Silencing of SNX1 by siRNA stimulates the ligand-induced endocytosis of EGFR and increases EGFR phosphorylation in gefitinib-resistant human lung cancer cell lines. *International Journal of Oncology*, **2012**, 41, 1520-30	4.4	16
51	A Role for SNX1 in the Regulation of EGF-Dependent Phosphorylated EGFR Endocytosis Via the Early/Late Endocytic Pathway in a Gefitinib-Sensitive Human Lung Cancer Cells. *Current Signal Transduction Therapy*, **2011**, 6, 383-395	0.8	6
50	Changes in cell migration of mesenchymal cells during osteogenic differentiation. *FEBS Letters*, **2011**, 585, 4018-24	3.8	36
49	Suppression of colon cancer metastasis by Aes through inhibition of Notch signaling. *Cancer Cell*, **2011**, 19, 125-37	24.3	167
48	A novel role of Rho-kinase in the regulation of ligand-induced phosphorylated EGFR endocytosis via the early/late endocytic pathway in human fibrosarcoma cells. *Journal of Molecular Histology*, **2011**, 42, 427-42	3.3	6
47	Downregulation of SS18-SSX1 expression in synovial sarcoma by small interfering RNA enhances the focal adhesion pathway and inhibits anchorage-independent growth in vitro and tumor growth in vivo. *International Journal of Oncology*, **2010**, 36, 823-31	4.4	16
46	Mesenchymal mode of migration participates in pulmonary metastasis of mouse osteosarcoma LM8. *Clinical and Experimental Metastasis*, **2010**, 27, 619-30	4.7	25
45	Synovial sarcoma is a stem cell malignancy. *Stem Cells*, **2010**, 28, 1119-31	5.8	144
44	An open letter to the FDA and other regulatory agencies: Preclinical drug development must consider the impact on metastasis. *Clinical Cancer Research*, **2009**, 15, 4529	12.9	30
43	Transient dynamic actin cytoskeletal change stimulates the osteoblastic differentiation. *Journal of Bone and Mineral Metabolism*, **2009**, 27, 158-67	2.9	39
42	Stimulation of ectopic bone formation in response to BMP-2 by Rho kinase inhibitor: a pilot study. *Clinical Orthopaedics and Related Research*, **2009**, 467, 3087-95	2.2	34
41	Evidence for efficient phosphorylation of EGFR and rapid endocytosis of phosphorylated EGFR via the early/late endocytic pathway in a gefitinib-sensitive non-small cell lung cancer cell line. *Molecular Cancer*, **2008**, 7, 42	42.1	31
40	IGF-I secreted by osteoblasts acts as a potent chemotactic factor for osteoblasts. *Bone*, **2008**, 43, 869-79	4.7	70
39	Blocking CD147 induces cell death in cancer cells through impairment of glycolytic energy metabolism. *Biochemical and Biophysical Research Communications*, **2008**, 374, 111-6	3.4	76
38	Induction of glioma cell migration by vitronectin in human serum and cerebrospinal fluid. *Journal of Neurosurgery*, **2007**, 107, 578-85	3.2	19
37	Adipogenic, osteogenic and myofibrogenic differentiations of a rat malignant fibrous histiocytoma (MFH)-derived cell line, and a relationship of MFH cells with embryonal mesenchymal, perivascular and bone marrow stem cells. *European Journal of Cancer*, **2007**, 43, 2747-56	7.5	22
36	Bone morphogenetic protein-2 promotes the haptotactic migration of murine osteoblastic and osteosarcoma cells by enhancing incorporation of integrin beta1 into lipid rafts. *Experimental Cell Research*, **2006**, 312, 3927-38	4.2	57

35	Dendritic cell immunotherapy is effective for lung metastasis from murine osteosarcoma. *Clinical Orthopaedics and Related Research*, **2006**, 453, 318-27	2.2	6
34	WilmsStumor gene WT1 17AA(-)/KTS(-) isoform induces morphological changes and promotes cell migration and invasion in vitro. *Cancer Science*, **2006**, 97, 259-70	6.9	52
33	A role of LIM kinase 1/cofilin pathway in regulating endocytic trafficking of EGF receptor in human breast cancer cells. *Histochemistry and Cell Biology*, **2006**, 126, 627-38	2.4	33
32	Quantification of SSX mRNA expression in human bone and soft tissue tumors using nucleic acid sequence-based amplification. *Journal of Molecular Diagnostics*, **2005**, 7, 187-97	5.1	10
31	Multiple signaling pathways are activated during insulin-like growth factor-I (IGF-I) stimulated breast cancer cell migration. *Breast Cancer Research and Treatment*, **2005**, 93, 159-68	4.4	59
30	Intrathecal administration of Y-27632, a specific rho-associated kinase inhibitor, for rat neoplastic meningitis. *Molecular Cancer Research*, **2005**, 3, 425-33	6.6	29
29	LIM kinase 1: evidence for a role in the regulation of intracellular vesicle trafficking of lysosomes and endosomes in human breast cancer cells. *European Journal of Cell Biology*, **2004**, 83, 369-80	6.1	19
28	Glycine-extended gastrin induces matrix metalloproteinase-1- and -3-mediated invasion of human colon cancer cells through type I collagen gel and Matrigel. *International Journal of Cancer*, **2004**, 111, 23-31	7.5	19
27	Interleukin-6/soluble interleukin-6 receptor signaling attenuates proliferation and invasion, and induces morphological changes of a newly established pleomorphic malignant fibrous histiocytoma cell line. *American Journal of Pathology*, **2004**, 165, 471-80	5.8	25
26	Myxoid liposarcoma with adipocytic maturation: detection of TLS/CHOP fusion gene transcript. *Diagnostic Molecular Pathology*, **2004**, 13, 92-6		9
25	The RhoA effector mDia is induced during T cell activation and regulates actin polymerization and cell migration in T lymphocytes. *Journal of Immunology*, **2003**, 171, 1023-34	5.3	60
24	Overexpression of ROCK in human breast cancer cells: evidence that ROCK activity mediates intracellular membrane traffic of lysosomes. *Pathology and Oncology Research*, **2003**, 9, 83-95	2.6	32
23	A role for LIM kinase in cancer invasion. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 7247-52	11.5	170
22	Rho- Rho???????????. *Japanese Journal of Thrombosis and Hemostasis*, **2003**, 14, 11-17	0	
21	Expression of SSX genes in human osteosarcomas. *International Journal of Cancer*, **2002**, 98, 640-2	7.5	27
20	A role for small GTPase RhoA in regulating intracellular membrane traffic of lysosomes in invasive rat hepatoma cells. *The Histochemical Journal*, **2002**, 34, 189-213		18
19	Continuous inhibition of MAPK signaling promotes the early osteoblastic differentiation and mineralization of the extracellular matrix. *Journal of Bone and Mineral Research*, **2002**, 17, 1785-94	6.3	148
18	A role for the Rho-p160 Rho coiled-coil kinase axis in the chemokine stromal cell-derived factor-1alpha-induced lymphocyte actomyosin and microtubular organization and chemotaxis. *Journal of Immunology*, **2002**, 168, 400-10	5.3	94

17	A novel anti-rheumatic drug, T-614, stimulates osteoblastic differentiation in vitro and bone morphogenetic protein-2-induced bone formation in vivo. *Biochemical and Biophysical Research Communications*, **2002**, 299, 903-9	3.4	25
16	Small guanosine triphosphatase Rho/Rho-associated kinase as a novel regulator of intracellular redistribution of lysosomes in invasive tumor cells. *Cell and Tissue Research*, **2000**, 301, 341-51	4.2	16
15	An essential part for Rho-associated kinase in the transcellular invasion of tumor cells. *Nature Medicine*, **1999**, 5, 221-5	50.5	541
14	Establishment and characterization of a murine osteosarcoma cell line (LM8) with high metastatic potential to the lung. *International Journal of Cancer*, **1998**, 76, 418-22	7.5	150
13	Reorganization of stress fiber-like structures in spreading platelets during surface activation. *Journal of Structural Biology*, **1998**, 124, 13-41	3.4	20
12	Small GTP-binding protein Rho stimulates the actomyosin system, leading to invasion of tumor cells. *Journal of Biological Chemistry*, **1998**, 273, 5146-54	5.4	126
11	Cloning of the cDNA encoding rat myosin heavy chain-A and evidence for the absence of myosin heavy chain-B in cultured rat mast (RBL-2H3) cells. *Journal of Muscle Research and Cell Motility*, **1996**, 17, 69-77	3.5	30
10	Neuronal cell expression of inserted isoforms of vertebrate nonmuscle myosin heavy chain II-B. *Journal of Biological Chemistry*, **1995**, 270, 14533-40	5.4	67
9	Antiarrhythmic effects of eicosapentaenoic acid during myocardial infarction--enhanced cardiac microsomal (Ca(2+)-Mg2+)-ATPase activity. *Japanese Circulation Journal*, **1994**, 58, 903-12		40
8	Diphosphorylation of platelet myosin by myosin light chain kinase. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1992**, 1133, 286-92	4.9	21
7	Diphosphorylation of platelet myosin ex vivo in the initial phase of activation by thrombin. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **1992**, 1136, 52-6	4.9	20
6	Radioimmunoassay of human platelet-derived growth factor using monoclonal antibody toward a synthetic 73-97 fragment of its B-chain. *Clinica Chimica Acta*, **1989**, 184, 65-74	6.2	53
5	Increase of (Ca2++Mg2+)-ATPase activity of renal basolateral membrane by parathyroid hormone via cyclic AMP-dependent membrane phosphorylation. *Biochemical and Biophysical Research Communications*, **1988**, 150, 263-70	3.4	19
4	Increase of (Ca2+ +Mg2+)-ATPase activity of renal basolateral membranes by platelet-derived growth factor through a specific receptor. *Biochemical and Biophysical Research Communications*, **1988**, 153, 1315-23	3.4	9
3	1,25-Dihydroxyvitamin D3 binds specifically to rat vascular smooth muscle cells and stimulates their proliferation in vitro. *Life Sciences*, **1988**, 42, 215-23	6.8	46
2	Purification of caldesmon and myosin light chain (MLC) kinase from arterial smooth muscle: comparisons with gizzard caldesmon and MLC kinase. *Journal of Biochemistry*, **1987**, 101, 1-9	3.1	33
1	Comparison of the microtubule formation induced by cytosynalin and MAPs. *Biochemical and Biophysical Research Communications*, **1987**, 146, 711-6	3.4	