

Kazuyuki Itoh

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	An essential part for Rho-associated kinase in the transcellular invasion of tumor cells. <i>Nature Medicine</i> , 1999 , 5, 221-5	50.5	541
69	A role for LIM kinase in cancer invasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 7247-52	11.5	170
68	Suppression of colon cancer metastasis by Aes through inhibition of Notch signaling. <i>Cancer Cell</i> , 2011 , 19, 125-37	24.3	167
67	Establishment and characterization of a murine osteosarcoma cell line (LM8) with high metastatic potential to the lung. <i>International Journal of Cancer</i> , 1998 , 76, 418-22	7.5	150
66	Continuous inhibition of MAPK signaling promotes the early osteoblastic differentiation and mineralization of the extracellular matrix. <i>Journal of Bone and Mineral Research</i> , 2002 , 17, 1785-94	6.3	148
65	Synovial sarcoma is a stem cell malignancy. <i>Stem Cells</i> , 2010 , 28, 1119-31	5.8	144
64	Small GTP-binding protein Rho stimulates the actomyosin system, leading to invasion of tumor cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 5146-54	5.4	126
63	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. <i>Journal of Immunology</i> , 2002 , 168, 400-10	5.3	94
62	Blocking CD147 induces cell death in cancer cells through impairment of glycolytic energy metabolism. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 374, 111-6	3.4	76
61	IGF-I secreted by osteoblasts acts as a potent chemotactic factor for osteoblasts. <i>Bone</i> , 2008 , 43, 869-79	4.7	70
60	Neuronal cell expression of inserted isoforms of vertebrate nonmuscle myosin heavy chain II-B. <i>Journal of Biological Chemistry</i> , 1995 , 270, 14533-40	5.4	67
59	The RhoA effector mDia is induced during T cell activation and regulates actin polymerization and cell migration in T lymphocytes. <i>Journal of Immunology</i> , 2003 , 171, 1023-34	5.3	60
58	Multiple signaling pathways are activated during insulin-like growth factor-I (IGF-I) stimulated breast cancer cell migration. <i>Breast Cancer Research and Treatment</i> , 2005 , 93, 159-68	4.4	59
57	Bone morphogenetic protein-2 promotes the haptotactic migration of murine osteoblastic and osteosarcoma cells by enhancing incorporation of integrin beta1 into lipid rafts. <i>Experimental Cell Research</i> , 2006 , 312, 3927-38	4.2	57
56	Radioimmunoassay of human platelet-derived growth factor using monoclonal antibody toward a synthetic 73-97 fragment of its B-chain. <i>Clinica Chimica Acta</i> , 1989 , 184, 65-74	6.2	53
55	WilmsTumor gene WT1 17AA(-)/KTS(-) isoform induces morphological changes and promotes cell migration and invasion in vitro. <i>Cancer Science</i> , 2006 , 97, 259-70	6.9	52
54	1,25-Dihydroxyvitamin D3 binds specifically to rat vascular smooth muscle cells and stimulates their proliferation in vitro. <i>Life Sciences</i> , 1988 , 42, 215-23	6.8	46

53	Antiarrhythmic effects of eicosapentaenoic acid during myocardial infarction--enhanced cardiac microsomal (Ca(2+)-Mg2+)-ATPase activity. <i>Japanese Circulation Journal</i> , 1994 , 58, 903-12		40
52	Transient dynamic actin cytoskeletal change stimulates the osteoblastic differentiation. <i>Journal of Bone and Mineral Metabolism</i> , 2009 , 27, 158-67	2.9	39
51	Changes in cell migration of mesenchymal cells during osteogenic differentiation. <i>FEBS Letters</i> , 2011 , 585, 4018-24	3.8	36
50	Stimulation of ectopic bone formation in response to BMP-2 by Rho kinase inhibitor: a pilot study. <i>Clinical Orthopaedics and Related Research</i> , 2009 , 467, 3087-95	2.2	34
49	A role of LIM kinase 1/cofilin pathway in regulating endocytic trafficking of EGF receptor in human breast cancer cells. <i>Histochemistry and Cell Biology</i> , 2006 , 126, 627-38	2.4	33
48	Purification of caldesmon and myosin light chain (MLC) kinase from arterial smooth muscle: comparisons with gizzard caldesmon and MLC kinase. <i>Journal of Biochemistry</i> , 1987 , 101, 1-9	3.1	33
47	Overexpression of ROCK in human breast cancer cells: evidence that ROCK activity mediates intracellular membrane traffic of lysosomes. <i>Pathology and Oncology Research</i> , 2003 , 9, 83-95	2.6	32
46	Dynamic analysis of lung metastasis by mouse osteosarcoma LM8: VEGF is a candidate for anti-metastasis therapy. <i>Clinical and Experimental Metastasis</i> , 2013 , 30, 369-79	4.7	31
45	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. <i>Molecular Cancer</i> , 2008 , 7, 42	42.1	31
44	An open letter to the FDA and other regulatory agencies: Preclinical drug development must consider the impact on metastasis. <i>Clinical Cancer Research</i> , 2009 , 15, 4529	12.9	30
43	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. <i>Journal of Muscle Research and Cell Motility</i> , 1996 , 17, 69-77	3.5	30
42	Intrathecal administration of Y-27632, a specific rho-associated kinase inhibitor, for rat neoplastic meningitis. <i>Molecular Cancer Research</i> , 2005 , 3, 425-33	6.6	29
41	Combined targeting of mTOR and c-MET signaling pathways for effective management of epithelioid sarcoma. <i>Molecular Cancer</i> , 2014 , 13, 185	42.1	28
40	Expression of SSX genes in human osteosarcomas. <i>International Journal of Cancer</i> , 2002 , 98, 640-2	7.5	27
39	Mesenchymal mode of migration participates in pulmonary metastasis of mouse osteosarcoma LM8. <i>Clinical and Experimental Metastasis</i> , 2010 , 27, 619-30	4.7	25
38	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. <i>American Journal of Pathology</i> , 2004 , 165, 471-80	5.8	25
37	A novel anti-rheumatic drug, T-614, stimulates osteoblastic differentiation in vitro and bone morphogenetic protein-2-induced bone formation in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 299, 903-9	3.4	25
36	EGF-stimulated AKT activation is mediated by EGFR recycling via an early endocytic pathway in a gefitinib-resistant human lung cancer cell line. <i>International Journal of Oncology</i> , 2015 , 46, 1721-9	4.4	22

35	Adipogenic, osteogenic and myofibroblastic 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. <i>European Journal of Cancer</i> , 2007 , 43, 2747-56	7.5	22
34	Diphosphorylation of platelet myosin by myosin light chain kinase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992 , 1133, 286-92	4.9	21
33	Daphnetin inhibits invasion and migration of LM8 murine osteosarcoma cells by decreasing RhoA and Cdc42 expression. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 471, 63-7	3.4	20
32	Reorganization of stress fiber-like structures in spreading platelets during surface activation. <i>Journal of Structural Biology</i> , 1998 , 124, 13-41	3.4	20
31	Diphosphorylation of platelet myosin ex vivo in the initial phase of activation by thrombin. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1992 , 1136, 52-6	4.9	20
30	Functional and therapeutic relevance of hepatocyte growth factor/c-MET signaling in synovial sarcoma. <i>Cancer Science</i> , 2016 , 107, 1867-1876	6.9	20
29	Induction of glioma cell migration by vitronectin in human serum and cerebrospinal fluid. <i>Journal of Neurosurgery</i> , 2007 , 107, 578-85	3.2	19
28	LIM kinase 1: evidence for a role in the regulation of intracellular vesicle trafficking of lysosomes and endosomes in human breast cancer cells. <i>European Journal of Cell Biology</i> , 2004 , 83, 369-80	6.1	19
27	Glycine-extended gastrin induces matrix metalloproteinase-1- and -3-mediated invasion of human colon cancer cells through type I collagen gel and Matrigel. <i>International Journal of Cancer</i> , 2004 , 111, 23-31	7.5	19
26	Increase of (Ca ²⁺ ++Mg ²⁺)-ATPase activity of renal basolateral membrane by parathyroid hormone via cyclic AMP-dependent membrane phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 150, 263-70	3.4	19
25	A role for small GTPase RhoA in regulating intracellular membrane traffic of lysosomes in invasive rat hepatoma cells. <i>The Histochemical Journal</i> , 2002 , 34, 189-213		18
24	Establishment of a novel clear cell sarcoma cell line (Hewga-CCS), and investigation of the antitumor effects of pazopanib on Hewga-CCS. <i>BMC Cancer</i> , 2014 , 14, 455	4.8	17
23	Silencing of SNX1 by siRNA stimulates the ligand-induced endocytosis of EGFR and increases EGFR phosphorylation in gefitinib-resistant human lung cancer cell lines. <i>International Journal of Oncology</i> , 2012 , 41, 1520-30	4.4	16
22	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. <i>International Journal of Oncology</i> , 2010 , 36, 823-31	4.4	16
21	Small guanosine triphosphatase Rho/Rho-associated kinase as a novel regulator of intracellular redistribution of lysosomes in invasive tumor cells. <i>Cell and Tissue Research</i> , 2000 , 301, 341-51	4.2	16
20	Tailored therapeutic strategies for synovial sarcoma: receptor tyrosine kinase pathway analyses predict sensitivity to the mTOR inhibitor RAD001. <i>Cancer Letters</i> , 2014 , 347, 114-22	9.9	13
19	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. <i>Cancer Science</i> , 2014 , 105, 1124-34	6.9	10
18	Quantification of SSX mRNA expression in human bone and soft tissue tumors using nucleic acid sequence-based amplification. <i>Journal of Molecular Diagnostics</i> , 2005 , 7, 187-97	5.1	10

17	Trabectedin is a promising antitumor agent potentially inducing melanocytic differentiation for clear cell sarcoma. <i>Cancer Medicine</i> , 2017 , 6, 2121-2130	4.8	9
16	Myxoid liposarcoma with adipocytic maturation: detection of TLS/CHOP fusion gene transcript. <i>Diagnostic Molecular Pathology</i> , 2004 , 13, 92-6		9
15	Increase of (Ca ²⁺ +Mg ²⁺)-ATPase activity of renal basolateral membranes by platelet-derived growth factor through a specific receptor. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 153, 1315-23	3.4	9
14	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. <i>International Journal of Oncology</i> , 2014 , 44, 412-26	4.4	8
13	Therapeutic potential of TAS-115 via c-MET and PDGFR β signal inhibition for synovial sarcoma. <i>BMC Cancer</i> , 2017 , 17, 334	4.8	7
12	Ephedrae herba stimulates hepatocyte growth factor-induced MET endocytosis and downregulation via early/late endocytic pathways in gefitinib-resistant human lung cancer cells. <i>International Journal of Oncology</i> , 2016 , 48, 1895-906	4.4	6
11	Sodium butyrate induces senescence and inhibits the invasiveness of glioblastoma cells. <i>Oncology Letters</i> , 2018 , 15, 1495-1502	2.6	6
10	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. <i>Current Signal Transduction Therapy</i> , 2011 , 6, 383-395	0.8	6
9	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. <i>Journal of Molecular Histology</i> , 2011 , 42, 427-42	3.3	6
8	Dendritic cell immunotherapy is effective for lung metastasis from murine osteosarcoma. <i>Clinical Orthopaedics and Related Research</i> , 2006 , 453, 318-27	2.2	6
7	Trabectedin is a promising antitumour agent for synovial sarcoma. <i>Journal of Chemotherapy</i> , 2016 , 28, 417-24	2.3	3
6	Manipulation of the tumor microenvironment by cytokine gene transfection enhances dendritic cell-based immunotherapy. <i>FASEB BioAdvances</i> , 2020 , 2, 5-17	2.8	2
5	Evidence for intrathecal sodium butyrate as a novel option for leptomeningeal metastasis. <i>Journal of Neuro-Oncology</i> , 2018 , 139, 43-50	4.8	2
4	Basic Research for Osteosarcoma Lung Metastasis (LM8) 2016 , 19-29		
3	Comparison of the microtubule formation induced by cytosynalin and MAPs. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 146, 711-6	3.4	
2	Rho- Rho?????????. <i>Japanese Journal of Thrombosis and Hemostasis</i> , 2003 , 14, 11-17	0	
1	Involvement of SNX1 in regulating EGFR endocytosis in a gefitinib-resistant NSCLC cell lines.. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2019 , 2, 539-549	4.5	