Hideki Yamaguchi

List of Publications by Year
in descending order

66 papers	6,527 citations	117625 34 h-index	133252 59 g-index
67 all docs	67 docs citations	67 times ranked	8075 citing authors

#	Article	IF	Citations
1	Integrin Î±5 mediates cancer cell-fibroblast adhesion and peritoneal dissemination of diffuse-type gastric carcinoma. Cancer Letters, 2022, 526, 335-345.	7.2	7
2	Transferrin receptor 1 promotes the fibroblast growth factor receptor-mediated oncogenic potential of diffused-type gastric cancer. Oncogene, 2022, 41, 2587-2596.	5.9	6
3	PLEKHA5 regulates the survival and peritoneal dissemination of diffuse-type gastric carcinoma cells with Met gene amplification. Oncogenesis, 2021, 10, 25.	4.9	9
4	Evotuning protocols for Transformer-based variant effect prediction on multi-domain proteins. Briefings in Bioinformatics, 2021, 22, .	6.5	7
5	SHP2 as a Potential Therapeutic Target in Diffuse-Type Gastric Carcinoma Addicted to Receptor Tyrosine Kinase Signaling. Cancers, 2021, 13, 4309.	3.7	7
6	Enhanced Malignant Phenotypes of Glioblastoma Cells Surviving NPe6-Mediated Photodynamic Therapy are Regulated via ERK1/2 Activation. Cancers, 2020, 12, 3641.	3.7	10
7	Phosphatidylinositol 4,5-bisphosphate is localized in the plasma membrane outer leaflet and regulates cell adhesion and motility. Biochemical and Biophysical Research Communications, 2020, 527, 1050-1056.	2.1	15
8	MT1-MMP recruits the ER-Golgi SNARE Bet1 for efficient MT1-MMP transport to the plasma membrane. Journal of Cell Biology, 2019, 218, 3355-3371.	5.2	20
9	Aberrant alternative splicing of RHOA is associated with loss of its expression and activity in diffuse-type gastric carcinoma cells. Biochemical and Biophysical Research Communications, 2018, 495, 1942-1947.	2.1	11
10	Intracellular cholesterol level regulates sensitivity of glioblastoma cells against temozolomide-induced cell death by modulation of caspase-8 activation via death receptor 5-accumulation and activation in the plasma membrane lipid raft. Biochemical and Biophysical Research Communications, 2018, 495, 1292-1299.	2.1	18
11	Novel small molecule inhibiting ‹scp›CDCP‹/scp›1â€‹scp›PKC‹/scp›Î´ pathway reduces tumor metastasis and proliferation. Cancer Science, 2017, 108, 1049-1057.	3.9	19
12	Actinin-1 and actinin-4 play essential but distinct roles in invadopodia formation by carcinoma cells. European Journal of Cell Biology, 2017, 96, 685-694.	3.6	22
13	Augmentation of invadopodia formation in temozolomide-resistant or adopted glioma is regulated by c-Jun terminal kinaseâ€“paxillin axis. Biochemical and Biophysical Research Communications, 2015, 468, 240-247.	2.1	21
14	Direct Interaction between Carcinoma Cells and Cancer Associated Fibroblasts for the Regulation of Cancer Invasion. Cancers, 2015, 7, 2054-2062.	3.7	98
15	Stromal Fibroblasts Mediate Extracellular Matrix Remodeling and Invasion of Scirrhous Gastric Carcinoma Cells. PLoS ONE, 2014, 9, e85485.	2.5	43
16	Flotillin-1 Regulates Oncogenic Signaling in Neuroblastoma Cells by Regulating ALK Membrane Association. Cancer Research, 2014, 74, 3790-3801.	0.9	22
17	Saracatinib impairs the peritoneal dissemination of diffuseâ€‹type gastric carcinoma cells resistant to M et and fibroblast growth factor receptor inhibitors. Cancer Science, 2014, 105, 528-536.	3.9	13
18	Abstract 4070: Functional differences of actinin isoforms in the formation of invadopodia by invasive cancer cells. , 2014, , .		0

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19	Abstract 3601: Stromal fibroblasts mediate extracellular matrix remodeling and invasion of scirrhous gastric carcinoma cells. , 2014, , .		0
20	CDCP1 Regulates the Function of MT1-MMP and Invadopodia-Mediated Invasion of Cancer Cells. Molecular Cancer Research, 2013, 11, 628-637.	3.4	34
21	Abstract A82: The role of PI3-kinase signaling pathway in invadopodia formation. , 2013, , .		0
22	Epidermal phospholipase CÎ´1 regulates granulocyte counts and systemic interleukin-17 levels in mice. Nature Communications, 2012, 3, 963.	12.8	12
23	N-WASP-mediated invadopodium formation is involved in intravasation and lung metastasis of mammary tumors. Journal of Cell Science, 2012, 125, 724-734.	2.0	228
24	Pathological roles of invadopodia in cancer invasion and metastasis. European Journal of Cell Biology, 2012, 91, 902-907.	3.6	111
25	Abstract 47: Cancer-associated fibroblasts mediate extracellular matrix remodeling and three-dimensional invasion of scirrhous gastric carcinoma cells. , 2012, , .		0
26	Abstract 1244: Differential requirements for the receptor tyrosine kinase c-Met in scirrhous gastric carcinoma cell lines. , 2012, , .		0
27	Phospholipase CÎ´3 is a novel binding partner of myosin VI and functions as anchoring of myosin VI on plasma membrane. Advances in Enzyme Regulation, 2011, 51, 171-181.	2.6	16
28	Phosphatidylinositol 5-phosphate 4-kinase type II beta is required for vitamin D receptor-dependent E-cadherin expression in SW480 cells. Biochemical and Biophysical Research Communications, 2011, 408, 523-529.	2.1	23
29	Phospholipase CÎ´3 Regulates RhoA/Rho Kinase Signaling and Neurite Outgrowth. Journal of Biological Chemistry, 2011, 286, 8459-8471.	3.4	36
30	Phosphoinositide 3-kinase signaling pathway mediated by p110Î± regulates invadopodia formation. Journal of Cell Biology, 2011, 193, 1275-1288.	5.2	114
31	Genetic Defect in Phospholipase CÎ´1 Protects Mice From Obesity by Regulating Thermogenesis and Adipogenesis. Diabetes, 2011, 60, 1926-1937.	0.6	41
32	Abstract 4748: Phosphoinositide 3-kinase signaling pathway mediated by p110Î± regulates invadopodia formation. , 2011, , .		0
33	Phospholipase C-eta2 is highly expressed in the habenula and retina. Gene Expression Patterns, 2010, 10, 119-126.	0.8	28
34	Phosphatidylinositol 4,5â€bisphosphate and PIP5â€kinase Iî± are required for invadopodia formation in human breast cancer cells. Cancer Science, 2010, 101, 1632-1638.	3.9	53
35	Membrane lipids in invadopodia and podosomes: key structures for cancer invasion and metastasis. Oncotarget, 2010, 1, 320-8.	1.8	40
36	Membrane lipids in invadopodia and podosomes: Key structures for cancer invasion and metastasis. Oncotarget, 2010, 1, 320-328.	1.8	63

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37	Cortactin regulates cofilin and N-WASp activities to control the stages of invadopodium assembly and maturation. Journal of Cell Biology, 2009, 186, 571-587.	5.2	316
38	Nâ€WASP and cortactin are involved in invadopodiumâ€dependent chemotaxis to EGF in breast tumor cells. Cytoskeleton, 2009, 66, 303-316.	4.4	99
39	Lipid Rafts and Caveolin-1 Are Required for Invadopodia Formation and Extracellular Matrix Degradation by Human Breast Cancer Cells. Cancer Research, 2009, 69, 8594-8602.	0.9	170
40	A Mena Invasion Isoform Potentiates EGF-Induced Carcinoma Cell Invasion and Metastasis. Developmental Cell, 2008, 15, 813-828.	7.0	242
41	Membrane targeting of WAVE2 is not sufficient for WAVE2-dependent actin polymerization: a role for IRSp53 in mediating the interaction between Rac and WAVE2. Journal of Cell Science, 2008, 121, 379-390.	2.0	71
42	Phospholipase Câ€Î´1 is an essential molecule downstream of Foxnl, the gene responsible for the nude mutation, in normal hair development. FASEB Journal, 2008, 22, 841-849.	0.5	52
43	WASP family members and formin proteins coordinate regulation of cell protrusions in carcinoma cells. Journal of Cell Biology, 2008, 180, 1245-1260.	5.2	127
44	Polarity-Regulating Kinase Partitioning-Defective 1/Microtubule Affinity-Regulating Kinase 2 Negatively Regulates Development of Dendrites on Hippocampal Neurons. Journal of Neuroscience, 2007, 27, 13098-13107.	3.6	44
45	Lack of phospholipase C-Î´1 induces skin inflammation. Biochemical and Biophysical Research Communications, 2007, 356, 912-918.	2.1	44
46	Regulation of the actin cytoskeleton in cancer cell migration and invasion. Biochimica Et Biophysica Acta - Molecular Cell Research, 2007, 1773, 642-652.	4.1	952
47	Invadopodia and podosomes in tumor invasion. European Journal of Cell Biology, 2006, 85, 213-218.	3.6	146
48	Initiation of cofilin activity in response to EGF is uncoupled from cofilin phosphorylation and dephosphorylation in carcinoma cells. Journal of Cell Science, 2006, 119, 2871-2881.	2.0	84
49	WAVE/Scars in platelets. Blood, 2005, 105, 3141-3148.	1.4	53
50	Rac-WAVE2 signaling is involved in the invasive and metastatic phenotypes of murine melanoma cells. Oncogene, 2005, 24, 1309-1319.	5.9	138
51	Cell migration in tumors. Current Opinion in Cell Biology, 2005, 17, 559-564.	5.4	667
52	A WAVE2-Abi1 complex mediates CSF-1-induced F-actin-rich membrane protrusions and migration in macrophages. Journal of Cell Science, 2005, 118, 5369-5379.	2.0	72
53	Molecular mechanisms of invadopodium formation. Journal of Cell Biology, 2005, 168, 441-452.	5.2	597
54	A Neural Wiskott-Aldrich Syndrome Protein-mediated Pathway for Localized Activation of Actin Polymerization That Is Regulated by Cortactin. Journal of Biological Chemistry, 2005, 280, 5836-5842.	3.4	55

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55	PtdIns(3,4,5)P3 binding is necessary for WAVE2-induced formation of lamellipodia. Nature Cell Biology, 2004, 6, 420-426.	10.3	210
56	Imaging Sites of N-WASP Activity in Lamellipodia and Invadopodia of Carcinoma Cells. Current Biology, 2004, 14, 697-703.	3.9	184
57	Two verprolin homology domains increase the Arp2/3 complex-mediated actin polymerization activities of N-WASP and WAVE1 C-terminal regions. Biochemical and Biophysical Research Communications, 2002, 297, 214-219.	2.1	12
58	Neural Wiskott-Aldrich syndrome protein is involved in hepatocyte growth factor-induced migration, invasion, and tubulogenesis of epithelial cells. Cancer Research, 2002, 62, 2503-9.	0.9	31
59	Requirement of the Basic Region of N-WASP/WAVE2 for Actin-Based Motility. Biochemical and Biophysical Research Communications, 2001, 282, 739-744.	2.1	22
60	WIP regulates N-WASP-mediated actin polymerization and filopodium formation. Nature Cell Biology, 2001, 3, 484-491.	10.3	251
61	Enhancement of branching efficiency by the actin filament-binding activity of N-WASP/WAVE2. Journal of Cell Science, 2001, 114, 4533-4542.	2.0	39
62	IRSp53 is an essential intermediate between Rac and WAVE in the regulation of membrane ruffling. Nature, 2000, 408, 732-735.	27.8	511
63	Essential Role of Neural Wiskott-Aldrich Syndrome Protein in Neurite Extension in PC12 Cells and Rat Hippocampal Primary Culture Cells. Journal of Biological Chemistry, 2000, 275, 11987-11992.	3.4	75
64	Two tandem verprolin homology domains are necessary for a strong activation of Arp2/3 complex-induced actin polymerization and induction of microspike formation by N-WASP. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12631-12636.	7.1	87
65	Growing and differentiating characterization of aortic smooth muscle cell line, p53LMAC01 obtained from p53 knock out mice. , 1999, , 99-104.		2
66	A Novel Aortic Smooth Muscle Cell Line Obtained from p53 Knock Out Mice Expresses Several Differentiation Characteristics. Biochemical and Biophysical Research Communications, 1997, 238, 154-158.	2.1	27