

Hirohito Yamaguchi

List of Publications by Year in descending order

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77
papers

8,342
citations

71102

41
h-index

76900

74
g-index

80
all docs

80
docs citations

80
times ranked

13093
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms regulating PD-L1 expression in cancers and associated opportunities for novel small-molecule therapeutics. <i>Nature Reviews Clinical Oncology</i> , 2022, 19, 287-305.	27.6	155
2	Prospects of the potential strategies to improve the efficacy of anti-PD-1/PD-L1 therapy. <i>Clinical and Translational Medicine</i> , 2022, 12, e803.	4.0	4
3	Ovarian progesterone suppresses depression and anxiety-like behaviors by increasing the Lactobacillus population of gut microbiota in ovariectomized mice. <i>Neuroscience Research</i> , 2021, 168, 76-82.	1.9	43
4	Estrogen promotes increased breast cancer cell proliferation and migration through downregulation of CPEB1 expression. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 871-876.	2.1	4
5	TYRO3 induces anti-PD-1/PD-L1 therapy resistance by limiting innate immunity and tumoral ferroptosis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	135
6	Human ribonuclease 1 serves as a secretory ligand of ephrin A4 receptor and induces breast tumor initiation. <i>Nature Communications</i> , 2021, 12, 2788.	12.8	11
7	Oncogenic signaling pathways associated with immune evasion and resistance to immune checkpoint inhibitors in cancer. <i>Seminars in Cancer Biology</i> , 2020, 65, 51-64.	9.6	63
8	A Potential Role of YAP/TAZ in the Interplay Between Metastasis and Metabolic Alterations. <i>Frontiers in Oncology</i> , 2020, 10, 928.	2.8	61
9	Isolation of cancer-derived extracellular vesicle subpopulations by a size-selective microfluidic platform. <i>Biomicrofluidics</i> , 2020, 14, 034113.	2.4	29
10	Heat-killed <i>Enterococcus fecalis</i> (EC-12) supplement alters the expression of neurotransmitter receptor genes in the prefrontal cortex and alleviates anxiety-like behavior in mice. <i>Neuroscience Letters</i> , 2020, 720, 134753.	2.1	23
11	Blocking c-Met and EGFR reverses acquired resistance of PARP inhibitors in triple-negative breast cancer. <i>American Journal of Cancer Research</i> , 2020, 10, 648-661.	1.4	15
12	CDK2-mediated site-specific phosphorylation of EZH2 drives and maintains triple-negative breast cancer. <i>Nature Communications</i> , 2019, 10, 5114.	12.8	64
13	Development of size-selective microfluidic platform. , 2019, 2019, 5661-5664.		1
14	MET Inhibitors Promote Liver Tumor Evasion of the Immune Response by Stabilizing PDL1. <i>Gastroenterology</i> , 2019, 156, 1849-1861.e13.	1.3	131
15	EGFR and c-MET Cooperate to Enhance Resistance to PARP Inhibitors in Hepatocellular Carcinoma. <i>Cancer Research</i> , 2019, 79, 819-829.	0.9	52
16	An essential role of PRMT1-mediated EGFR methylation in EGFR activation by ribonuclease 5. <i>American Journal of Cancer Research</i> , 2019, 9, 180-185.	1.4	4
17	Eradication of Triple-Negative Breast Cancer Cells by Targeting Glycosylated PD-L1. <i>Cancer Cell</i> , 2018, 33, 187-201.e10.	16.8	381
18	The role of PRMT1 in EGFR methylation and signaling in MDA-MB-468 triple-negative breast cancer cells. <i>Breast Cancer</i> , 2018, 25, 74-80.	2.9	40

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19	Targeting PKC $\hat{\imath}$ as a Therapeutic Strategy against Heterogeneous Mechanisms of EGFR Inhibitor Resistance in EGFR-Mutant Lung Cancer. <i>Cancer Cell</i> , 2018, 34, 954-969.e4.	16.8	56
20	PARP Inhibitor Upregulates PD-L1 Expression and Enhances Cancer-Associated Immunosuppression. <i>Clinical Cancer Research</i> , 2017, 23, 3711-3720.	7.0	710
21	PARP inhibitors as precision medicine for cancer treatment. <i>National Science Review</i> , 2017, 4, 576-592.	9.5	12
22	Pneumatically Actuated Soft Micromold Device for Fabricating Collagen and Matrigel Microparticles. <i>Soft Robotics</i> , 2017, 4, 390-399.	8.0	6
23	Glycosylation and stabilization of programmed death ligand-1 suppresses T-cell activity. <i>Nature Communications</i> , 2016, 7, 12632.	12.8	648
24	Deubiquitination and Stabilization of PD-L1 by CSN5. <i>Cancer Cell</i> , 2016, 30, 925-939.	16.8	538
25	Development of automated high throughput single molecular microfluidic detection platform for signal transduction analysis. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
26	AKT1 Inhibits Epithelial-to-Mesenchymal Transition in Breast Cancer through Phosphorylation-Dependent Twist1 Degradation. <i>Cancer Research</i> , 2016, 76, 1451-1462.	0.9	65
27	Blocking c-Met $\hat{\imath}$ -mediated PARP1 phosphorylation enhances anti-tumor effects of PARP inhibitors. <i>Nature Medicine</i> , 2016, 22, 194-201.	30.7	189
28	GSK3 $\hat{\imath}$ 2 inactivation promotes the oncogenic functions of EZH2 and enhances methylation of H3K27 in human breast cancers. <i>Oncotarget</i> , 2016, 7, 57131-57144.	1.8	35
29	Nanofluidic Strategies for Cancer Research. <i>RSC Nanoscience and Nanotechnology</i> , 2016, , 114-149.	0.2	0
30	Extracellular PKM2 induces cancer proliferation by activating the EGFR signaling pathway. <i>American Journal of Cancer Research</i> , 2016, 6, 628-38.	1.4	21
31	A perspective on anti-EGFR therapies targeting triple-negative breast cancer. <i>American Journal of Cancer Research</i> , 2016, 6, 1609-23.	1.4	121
32	PRMT1-mediated methylation of the EGF receptor regulates signaling and cetuximab response. <i>Journal of Clinical Investigation</i> , 2015, 125, 4529-4543.	8.2	114
33	Abstract 5120: Using flow-proteomic platform to analyze individual signaling complexes in tumor tissue. , 2015, , .		0
34	Phosphorylation of EZH2 at T416 by CDK2 contributes to the malignancy of triple negative breast cancers. <i>American Journal of Translational Research (discontinued)</i> , 2015, 7, 1009-20.	0.0	28
35	Carglumic acid promotes apoptosis and suppresses cancer cell proliferation in vitro and in vivo. <i>American Journal of Cancer Research</i> , 2015, 5, 3560-9.	1.4	8
36	Regulation and Role of EZH2 in Cancer. <i>Cancer Research and Treatment</i> , 2014, 46, 209-222.	3.0	243

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37	mMAPS: A Flow-Proteomic Technique to Analyze Protein-Protein Interactions in Individual Signaling Complexes. <i>Science Signaling</i> , 2014, 7, rs1.	3.6	7
38	Activation of Keap1/Nrf2 signaling pathway by nuclear epidermal growth factor receptor in cancer cells. <i>American Journal of Translational Research (discontinued)</i> , 2014, 6, 649-63.	0.0	16
39	Caspase-Independent Cell Death Is Involved in the Negative Effect of EGF Receptor Inhibitors on Cisplatin in Non-Small Cell Lung Cancer Cells. <i>Clinical Cancer Research</i> , 2013, 19, 845-854.	7.0	93
40	Abstract 5169: Flow-proteomic analysis of single signaling complex.. , 2013, , .		14
41	Microfluidic three-dimensional hydrodynamic flow focusing for the rapid protein concentration analysis. <i>Biomicrofluidics</i> , 2012, 6, 24132.	2.4	10
42	Epithelial-Mesenchymal Transition Induced by TNF- α Requires NF- κ B-Mediated Transcriptional Upregulation of Twist1. <i>Cancer Research</i> , 2012, 72, 1290-1300.	0.9	406
43	Targeting the IKK β /mTOR/VEGF Signaling Pathway as a Potential Therapeutic Strategy for Obesity-Related Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 2212-2221.	4.1	31
44	Regulation of Ubiquitination-Mediated Protein Degradation by Survival Kinases in Cancer. <i>Frontiers in Oncology</i> , 2012, 2, 15.	2.8	49
45	Membrane-bound Trafficking Regulates Nuclear Transport of Integral Epidermal Growth Factor Receptor (EGFR) and ErbB-2. <i>Journal of Biological Chemistry</i> , 2012, 287, 16869-16879.	3.4	72
46	BikDD Eliminates Breast Cancer Initiating Cells and Synergizes with Lapatinib for Breast Cancer Treatment. <i>Cancer Cell</i> , 2011, 20, 341-356.	16.8	67
47	FOXO3a-Dependent Mechanism of E1A-Induced Chemosensitization. <i>Cancer Research</i> , 2011, 71, 6878-6887.	0.9	42
48	Dual Targeting of Tumor Angiogenesis and Chemotherapy by Endostatin-Cytosine Deaminase-Uracil Phosphoribosyltransferase. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1327-1336.	4.1	21
49	The Translocon Sec61 β Localized in the Inner Nuclear Membrane Transports Membrane-embedded EGF Receptor to the Nucleus. <i>Journal of Biological Chemistry</i> , 2010, 285, 38720-38729.	3.4	107
50	High speed digital protein interaction analysis using microfluidic single molecule detection system. <i>Lab on A Chip</i> , 2010, 10, 1793.	6.0	11
51	COPI-mediated retrograde trafficking from the Golgi to the ER regulates EGFR nuclear transport. <i>Biochemical and Biophysical Research Communications</i> , 2010, 399, 498-504.	2.1	116
52	Rapid detection of two-protein interaction with a single fluorophore by using a microfluidic device. <i>Analyst</i> , 2010, 135, 2907.	3.5	9
53	Measurement of Protein Diffusion Coefficient in Live HeLa Cells Using Raster Image Correlation Spectroscopy (RICS). <i>Journal of Biomaterials and Nanobiotechnology</i> , 2010, 01, 31-36.	0.5	6
54	Abstract 4017: Identifying Protein-Protein Interactions in Single Protein Complex level by Microchannel Device. , 2010, , .		0

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55	p53 Acetylation Is Crucial for Its Transcription-independent Proapoptotic Functions. <i>Journal of Biological Chemistry</i> , 2009, 284, 11171-11183.	3.4	111
56	EPOX Inhibits Angiogenesis by Degradation of Mcl-1 through ERK Inactivation. <i>Clinical Cancer Research</i> , 2009, 15, 4904-4914.	7.0	22
57	A novel hTERT promoter-driven E1A therapeutic for ovarian cancer. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 2375-2382.	4.1	34
58	Endophilin B1/Bif-1 Stimulates BAX Activation Independently from Its Capacity to Produce Large Scale Membrane Morphological Rearrangements. <i>Journal of Biological Chemistry</i> , 2009, 284, 4200-4212.	3.4	52
59	The suppression of MAD1 by AKT-mediated phosphorylation activates MAD1 target genes transcription. <i>Molecular Carcinogenesis</i> , 2009, 48, 1048-1058.	2.7	19
60	Interferon-inducible protein IFI1 \pm inhibits cell invasion by upregulating the metastasis suppressor maspin. <i>Molecular Carcinogenesis</i> , 2008, 47, 739-743.	2.7	16
61	ERK promotes tumorigenesis by inhibiting FOXO3a via MDM2-mediated degradation. <i>Nature Cell Biology</i> , 2008, 10, 138-148.	10.3	590
62	Src Directly Phosphorylates Bif-1 and Prevents Its Interaction with Bax and the Initiation of Anoikis. <i>Journal of Biological Chemistry</i> , 2008, 283, 19112-19118.	3.4	25
63	Anoikis, Initiated by Mcl-1 Degradation and Bim Induction, Is Deregulated during Oncogenesis. <i>Cancer Research</i> , 2007, 67, 10744-10752.	0.9	88
64	Tissue Transglutaminase Serves as an Inhibitor of Apoptosis by Cross-Linking Caspase 3 in Thapsigargin-Treated Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 569-579.	2.3	70
65	Arsenic trioxide (As ₂ O ₃) induces apoptosis through activation of Bax in hematopoietic cells. <i>Oncogene</i> , 2005, 24, 3339-3347.	5.9	61
66	Loss of Bif-1 Suppresses Bax/Bak Conformational Change and Mitochondrial Apoptosis. <i>Molecular and Cellular Biology</i> , 2005, 25, 9369-9382.	2.3	167
67	Activity of Suberoylanilide Hydroxamic Acid Against Human Breast Cancer Cells with Amplification of Her-2. <i>Clinical Cancer Research</i> , 2005, 11, 6382-6389.	7.0	181
68	Regulation of Bax Activation and Apoptotic Response to Microtubule-damaging Agents by p53 Transcription-dependent and -independent Pathways. <i>Journal of Biological Chemistry</i> , 2004, 279, 39431-39437.	3.4	112
69	CHOP Is Involved in Endoplasmic Reticulum Stress-induced Apoptosis by Enhancing DR5 Expression in Human Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 45495-45502.	3.4	682
70	Lipidic Pore Formation by the Concerted Action of Proapoptotic BAX and tBID. <i>Journal of Biological Chemistry</i> , 2004, 279, 30081-30091.	3.4	210
71	Implantation-Dependent Expression of Trophinin by Maternal Fallopian Tube Epithelia during Tubal Pregnancies. <i>American Journal of Pathology</i> , 2003, 163, 2211-2219.	3.8	50
72	Regulation of 17-AAG-induced apoptosis: role of Bcl-2, Bcl-xL, and Bax downstream of 17-AAG-mediated down-regulation of Akt, Raf-1, and Src kinases. <i>Blood</i> , 2003, 102, 269-275.	1.4	87

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73	Bcl-XL Protects BimEL-induced Bax Conformational Change and Cytochrome c Release Independent of Interacting with Bax or BimEL. <i>Journal of Biological Chemistry</i> , 2002, 277, 41604-41612.	3.4	85
74	Molecular Cloning and Characterization of Bif-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 20559-20565.	3.4	214
75	The protein kinase PKB/Akt regulates cell survival and apoptosis by inhibiting Bax conformational change. <i>Oncogene</i> , 2001, 20, 7779-7786.	5.9	361
76	Regulation of Interferon- γ . <i>Gene Expression and the Maternal Recognition of Pregnancy.. Journal of Reproduction and Development</i> , 2001, 47, 69-82.	1.4	4
77	Analysis of Possible Silencer Elements of Ovine Interferon- γ . <i>Gene.. Endocrine Journal</i> , 2000, 47, 137-142.	1.6	6