

Kyung-min Lee

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,654
citations

257450

24
h-index

197818

49
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65
all docs

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docs citations

65
times ranked

6877
citing authors

#	ARTICLE	IF	CITATIONS
1	Abstract GS3-09: Loss of <i>ASXL1</i> tumor suppressor promotes resistance to CDK4/6 inhibitors in ER+ breast cancer. <i>Cancer Research</i> , 2022, 82, GS3-09-GS3-09.	0.9	1
2	Nicotinamide (niacin) supplement increases lipid metabolism and ROS-induced energy disruption in triple-negative breast cancer: potential for drug repositioning as an anti-tumor agent. <i>Molecular Oncology</i> , 2022, 16, 1795-1815.	4.6	10
3	Discovery of Proteins Responsible for Resistance to Three Chemotherapy Drugs in Breast Cancer Cells Using Proteomics and Bioinformatics Analysis. <i>Molecules</i> , 2022, 27, 1762.	3.8	9
4	Immune Checkpoint Blockades in Triple-Negative Breast Cancer: Current State and Molecular Mechanisms of Resistance. <i>Biomedicines</i> , 2022, 10, 1130.	3.2	11
5	Epigenetic Repression of STING by MYC Promotes Immune Evasion and Resistance to Immune Checkpoint Inhibitors in Triple-Negative Breast Cancer. <i>Cancer Immunology Research</i> , 2022, 10, 829-843.	3.4	12
6	ECM1 is associated with endocrine resistance in ER+ breast cancers. <i>Animal Cells and Systems</i> , 2022, 26, 99-107.	2.2	3
7	The possibility of low isomerization of \hat{I}^2 -lapachone in the human body. <i>Translational and Clinical Pharmacology</i> , 2021, 29, 160.	0.9	0
8	Nuclear FGFR1 Regulates Gene Transcription and Promotes Antiestrogen Resistance in ER+ Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 4379-4396.	7.0	30
9	Quantitative Proteomics Reveals Knockdown of CD44 Promotes Proliferation and Migration in Claudin-Low MDA-MB-231 and Hs 578T Breast Cancer Cell Lines. <i>Journal of Proteome Research</i> , 2021, 20, 3720-3733.	3.7	4
10	Co-occurring gain-of-function mutations in HER2 and HER3 modulate HER2/HER3 activation, oncogenesis, and HER2 inhibitor sensitivity. <i>Cancer Cell</i> , 2021, 39, 1099-1114.e8.	16.8	45
11	Combined the SMAC mimetic and BCL2 inhibitor sensitizes neoadjuvant chemotherapy by targeting necrosome complexes in tyrosine aminoacyl-tRNA synthase-positive breast cancer. <i>Breast Cancer Research</i> , 2020, 22, 130.	5.0	7
12	Proline rich 11 (PRR11) overexpression amplifies PI3K signaling and promotes antiestrogen resistance in breast cancer. <i>Nature Communications</i> , 2020, 11, 5488.	12.8	25
13	Hyperactivation of TORC1 Drives Resistance to the Pan-HER Tyrosine Kinase Inhibitor Neratinib in HER2-Mutant Cancers. <i>Cancer Cell</i> , 2020, 37, 183-199.e5.	16.8	33
14	Downregulation of N-myc and STAT Interactor Protein Predicts Aggressive Tumor Behavior and Poor Prognosis in Invasive Ductal Carcinoma. <i>Journal of Breast Cancer</i> , 2020, 23, 36.	1.9	1
15	A versatile oblique plane microscope for large-scale and high-resolution imaging of subcellular dynamics. <i>ELife</i> , 2020, 9, .	6.0	120
16	Abstract GS6-06: A neoadjuvant trial with letrozole identifies PRR11 in the 17q23 amplicon as a mechanism of resistance to endocrine therapy in ER-positive breast cancer. , 2020, , .		2
17	Tryptophanyl-tRNA Synthetase Sensitizes Hormone Receptor-Positive Breast Cancer to Docetaxel-Based Chemotherapy. <i>Journal of Breast Cancer</i> , 2020, 23, 599.	1.9	3
18	Abstract PD7-04: Fibroblast growth factor receptor 1 associates with promoters genome-wide and regulates gene transcription in ER+/FGFR1-amplified breast cancer: Implications for endocrine resistance. , 2020, , .		0

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19	Aberrant FGFR signaling mediates resistance to CDK4/6 inhibitors in ER+ breast cancer. <i>Nature Communications</i> , 2019, 10, 1373.	12.8	252
20	Discovery of Potent Myeloid Cell Leukemia-1 (Mcl-1) Inhibitors That Demonstrate in Vivo Activity in Mouse Xenograft Models of Human Cancer. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3971-3988.	6.4	44
21	Eliceptant (RAD1901) exhibits anti-tumor activity in multiple ER+ breast cancer models resistant to CDK4/6 inhibitors. <i>Breast Cancer Research</i> , 2019, 21, 146.	5.0	52
22	Abstract 4402: FGFR1 signaling modulates estrogen-independent ER transcriptional activity in ER+/FGFR1-amplified breast cancer cells. , 2019, , .		0
23	<i>PIK3CA</i> C2 Domain Deletions Hyperactivate Phosphoinositide 3-kinase (PI3K), Generate Oncogene Dependence, and Are Exquisitely Sensitive to PI3K Inhibitors. <i>Clinical Cancer Research</i> , 2018, 24, 1426-1435.	7.0	27
24	Association of low-dose exposure to persistent organic pollutants with <i>E-cadherin</i> promoter methylation in healthy Koreans. <i>Biomarkers</i> , 2018, 23, 293-298.	1.9	5
25	ER+ Breast Cancers Resistant to Prolonged Neoadjuvant Letrozole Exhibit an E2F4 Transcriptional Program Sensitive to CDK4/6 Inhibitors. <i>Clinical Cancer Research</i> , 2018, 24, 2517-2529.	7.0	26
26	Kinome-Wide RNA Interference Screen Reveals a Role for PDK1 in Acquired Resistance to CDK4/6 Inhibition in ER-Positive Breast Cancer. <i>Cancer Research</i> , 2017, 77, 2488-2499.	0.9	178
27	MYC and MCL1 Cooperatively Promote Chemotherapy-Resistant Breast Cancer Stem Cells via Regulation of Mitochondrial Oxidative Phosphorylation. <i>Cell Metabolism</i> , 2017, 26, 633-647.e7.	16.2	449
28	Abstract 3890: Mitochondrial MCL1 maintains triple negative breast cancer stem cells and contributes to chemotherapy resistance. , 2017, , .		0
29	Abstract 3328: MYC and MCL1 cooperatively promote chemotherapy-resistant cancer stem cells through regulation of mitochondrial biogenesis and oxidative phosphorylation. <i>Cancer Research</i> , 2016, 76, 3328-3328.	0.9	9
30	Enhanced anti-tumor activity and cytotoxic effect on cancer stem cell population of metformin-butyrate compared with metformin HCl in breast cancer. <i>Oncotarget</i> , 2016, 7, 38500-38512.	1.8	24
31	ECM1 regulates tumor metastasis and CSC-like property through stabilization of β -catenin. <i>Oncogene</i> , 2015, 34, 6055-6065.	5.9	78
32	Drug response of captured BT20 cells and evaluation of circulating tumor cells on a silicon nanowire platform. <i>Biosensors and Bioelectronics</i> , 2015, 67, 370-378.	10.1	10
33	EGFR negates the proliferative effect of oncogenic HER2 in MDA-MB-231 cells. <i>Archives of Biochemistry and Biophysics</i> , 2015, 575, 69-76.	3.0	7
34	CD44 regulates cell proliferation, migration, and invasion via modulation of c-Src transcription in human breast cancer cells. <i>Cellular Signalling</i> , 2015, 27, 1882-1894.	3.6	88
35	ECM1 promotes the Warburg effect through EGF-mediated activation of PKM2. <i>Cellular Signalling</i> , 2015, 27, 228-235.	3.6	40
36	Cytokeratin19 induced by HER2/ERK binds and stabilizes HER2 on cell membranes. <i>Cell Death and Differentiation</i> , 2015, 22, 665-676.	11.2	34

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37	Extracellular matrix protein 1 regulates cell proliferation and trastuzumab resistance through activation of epidermal growth factor signaling. <i>Breast Cancer Research</i> , 2014, 16, 479.	5.0	58
38	CD24 regulates stemness and the epithelial to mesenchymal transition through modulation of Notch1 mRNA stability by p38MAPK. <i>Archives of Biochemistry and Biophysics</i> , 2014, 558, 120-126.	3.0	18
39	S100A4 negatively regulates β -catenin by inducing the Egr-1-PTEN-Akt-GSK3 β degradation pathway. <i>Cellular Signalling</i> , 2014, 26, 2096-2106.	3.6	9
40	Protein kinase B/Akt1 inhibits autophagy by down-regulating UVRAG expression. <i>Experimental Cell Research</i> , 2013, 319, 122-133.	2.6	34
41	HER2 stabilizes survivin while concomitantly down-regulating survivin gene transcription by suppressing Notch cleavage. <i>Biochemical Journal</i> , 2013, 451, 123-134.	3.7	24
42	Regulation of Cell Proliferation and Migration by Keratin19-Induced Nuclear Import of Early Growth Response-1 in Breast Cancer Cells. <i>Clinical Cancer Research</i> , 2013, 19, 4335-4346.	7.0	68
43	Neuronal Autophagy and Neurodevelopmental Disorders. <i>Experimental Neurobiology</i> , 2013, 22, 133-142.	1.6	97
44	CD24 regulates cell proliferation and transforming growth factor β -induced epithelial to mesenchymal transition through modulation of integrin β 1 stability. <i>Cellular Signalling</i> , 2012, 24, 2132-2142.	3.6	22
45	Induction of apoptotic cell death by Pharbitis nil extract in HER2-overexpressing MCF-7 cells. <i>Journal of Ethnopharmacology</i> , 2011, 133, 126-131.	4.1	15
46	Akt isoform-specific inhibition of MDA-MB-231 cell proliferation. <i>Cellular Signalling</i> , 2011, 23, 19-26.	3.6	20
47	CD24 enhances DNA damage-induced apoptosis by modulating NF- κ B signaling in CD44-expressing breast cancer cells. <i>Carcinogenesis</i> , 2011, 32, 1474-1483.	2.8	44
48	Protein expression profiling of primary mammary epithelial cells derived from MMTV α neu mice revealed that HER2/NEU-driven changes in protein expression are functionally clustered. <i>IUBMB Life</i> , 2010, 62, 41-50.	3.4	4
49	Aged wild-type littermates and APP ^{swe} +PS1 ^{E9} mice present similar deficits in associative learning and spatial memory independent of amyloid load. <i>Genes and Genomics</i> , 2010, 32, 63-70.	1.4	6
50	Interleukin α 6 induces microglial CX3CR1 expression in the spinal cord after peripheral nerve injury through the activation of p38 MAPK. <i>European Journal of Pain</i> , 2010, 14, 682.e1-12.	2.8	70
51	Effects of Endocrine Disruptors on <i>Bombina orientalis</i> P450 Aromatase Activity. <i>Zoological Science</i> , 2010, 27, 338-343.	0.7	6
52	Tumor necrosis factor receptor 1 induces interleukin α 6 upregulation through NF κ B in a rat neuropathic pain model. <i>European Journal of Pain</i> , 2009, 13, 794-806.	2.8	61
53	The G12 family proteins upregulate matrix metalloproteinase α 2 and invasion in human breast epithelial cells. <i>FASEB Journal</i> , 2009, 23, 740.1.	0.5	0
54	Activation of transcription factor c-jun in dorsal root ganglia induces VIP and NPY upregulation and contributes to the pathogenesis of neuropathic pain. <i>Experimental Neurology</i> , 2007, 204, 467-472.	4.1	25

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55	Isolation of CD24 ^{high} and CD24 ^{low} cells from MCF-7: CD24 expression is positively related with proliferation, adhesion and invasion in MCF-7. <i>Cancer Letters</i> , 2007, 258, 98-108.	7.2	33
56	Spinal NF- κ B activation induces COX-2 upregulation and contributes to inflammatory pain hypersensitivity. <i>European Journal of Neuroscience</i> , 2004, 19, 3375-3381.	2.6	222
57	Activation of p38 MAP kinase in the rat dorsal root ganglia and spinal cord following peripheral inflammation and nerve injury. <i>NeuroReport</i> , 2002, 13, 2483-2486.	1.2	156
58	Hyperactivation of Torc1 Drives Resistance to the Pan-Her Tyrosine Kinase Inhibitor Neratinib in Her2-Mutant Cancers. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0