

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
g-index

65
all docs

65
docs citations

65
times ranked

6877
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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 |
| 2 | Aberrant FGFR signaling mediates resistance to CDK4/6 inhibitors in ER+ breast cancer. <i>Nature Communications</i> , 2019, 10, 1373. | 12.8 | 252 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | A versatile oblique plane microscope for large-scale and high-resolution imaging of subcellular dynamics. <i>ELife</i> , 2020, 9, . | 6.0 | 120 |
| 7 | Neuronal Autophagy and Neurodevelopmental Disorders. <i>Experimental Neurobiology</i> , 2013, 22, 133-142. | 1.6 | 97 |
| 8 | 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 |
| 9 | ECM1 regulates tumor metastasis and CSC-like property through stabilization of β -catenin. <i>Oncogene</i> , 2015, 34, 6055-6065. | 5.9 | 78 |
| 10 | Interleukin-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 |
| 11 | 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 |
| 12 | Tumor necrosis factor receptor 1 induces interleukin-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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | ECM1 promotes the Warburg effect through EGF-mediated activation of PKM2. <i>Cellular Signalling</i> , 2015, 27, 228-235. | 3.6 | 40 |

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|----|--|------|-----------|
| 19 | Protein kinase B/Akt1 inhibits autophagy by down-regulating UVRAG expression. <i>Experimental Cell Research</i> , 2013, 319, 122-133. | 2.6 | 34 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | PIK3CA 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 |
| 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 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | Akt isoform-specific inhibition of MDA-MB-231 cell proliferation. <i>Cellular Signalling</i> , 2011, 23, 19-26. | 3.6 | 20 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | Immune Checkpoint Blockades in Triple-Negative Breast Cancer: Current State and Molecular Mechanisms of Resistance. <i>Biomedicines</i> , 2022, 10, 1130. | 3.2 | 11 |
| 36 | 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 |

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| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Effects of Endocrine Disruptors on <i>Bombina orientalis</i> P450 Aromatase Activity. <i>Zoological Science</i> , 2010, 27, 338-343. | 0.7 | 6 |
| 45 | Association of low-dose exposure to persistent organic pollutants with E-cadherin promoter methylation in healthy Koreans. <i>Biomarkers</i> , 2018, 23, 293-298. | 1.9 | 5 |
| 46 | Protein expression profiling of primary mammary epithelial cells derived from MMTV-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 |
| 47 | 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 |
| 48 | 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 |
| 49 | ECM1 is associated with endocrine resistance in ER ⁺ breast cancers. <i>Animal Cells and Systems</i> , 2022, 26, 99-107. | 2.2 | 3 |
| 50 | 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 |
| 51 | 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 |
| 52 | Abstract GS3-09: Loss of ASXL1 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 |
| 53 | The possibility of low isomerization of β -lapachone in the human body. <i>Translational and Clinical Pharmacology</i> , 2021, 29, 160. | 0.9 | 0 |
| 54 | The G12 family proteins upregulate matrix metalloproteinase-2 and invasion in human breast epithelial cells. <i>FASEB Journal</i> , 2009, 23, 740.1. | 0.5 | 0 |

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|----|--|-----|-----------|
| 55 | Abstract 3890: Mitochondrial MCL1 maintains triple negative breast cancer stem cells and contributes to chemotherapy resistance. , 2017, , . | | 0 |
| 56 | Hyperactivation of Torc1 Drives Resistance to the Pan-Her Tyrosine Kinase Inhibitor Neratinib in Her2-Mutant Cancers. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 57 | Abstract 4402: FGFR1 signaling modulates estrogen-independent ER transcriptional activity in ER+/FGFR1-amplified breast cancer cells. , 2019, , . | | 0 |
| 58 | 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 |