

Syn Yeo

List of Publications by Year in descending order

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35
papers

1,160
citations

471509

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#	ARTICLE	IF	CITATIONS
1	Enhanced autophagy in <i>Becn1^{F121A/F121A}</i> knockin mice counteracts aging-related neural stem cell exhaustion and dysfunction. <i>Autophagy</i> , 2022, 18, 409-422.	9.1	19
2	Biglycan Promotes Cancer Stem Cell Properties, NF κ B Signaling and Metastatic Potential in Breast Cancer Cells. <i>Cancers</i> , 2022, 14, 455.	3.7	9
3	Autophagy Blockade Limits HER2+ Breast Cancer Tumorigenesis by Perturbing HER2 Trafficking and Promoting Release Via Small Extracellular Vesicles. <i>Developmental Cell</i> , 2021, 56, 341-355.e5.	7.0	25
4	Functional cooperation between co-amplified genes promotes aggressive phenotypes of HER2-positive breast cancer. <i>Cell Reports</i> , 2021, 34, 108822.	6.4	10
5	Autophagy mediated lipid catabolism facilitates glioma progression to overcome bioenergetic crisis. <i>British Journal of Cancer</i> , 2021, 124, 1711-1723.	6.4	9
6	Autophagy inhibition perturbs ERBB2 trafficking and abolishes tumorigenesis in ERBB2-driven breast cancer. <i>Autophagy</i> , 2021, 17, 1059-1060.	9.1	3
7	Heterogeneity within molecular subtypes of breast cancer. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C343-C354.	4.6	43
8	Non-canonical function of FIP200 is required for neural stem cell maintenance and differentiation by limiting TBK1 activation and p62 aggregate formation. <i>Scientific Reports</i> , 2021, 11, 23907.	3.3	7
9	FAK activates AKT-mTOR signaling to promote the growth and progression of MMTV-Wnt1-driven basal-like mammary tumors. <i>Breast Cancer Research</i> , 2020, 22, 59.	5.0	25
10	FIP200 Suppresses Immune Checkpoint Therapy Responses in Breast Cancers by Limiting AZI2/TBK1/IRF Signaling Independent of Its Canonical Autophagy Function. <i>Cancer Research</i> , 2020, 80, 3580-3592.	0.9	19
11	FAK signaling in cancer-associated fibroblasts promotes breast cancer cell migration and metastasis by exosomal miRNAs-mediated intercellular communication. <i>Oncogene</i> , 2020, 39, 2539-2549.	5.9	105
12	Targeted therapy for mTORC1-driven tumours through HDAC inhibition by exploiting innate vulnerability of mTORC1 hyper-activation. <i>British Journal of Cancer</i> , 2020, 122, 1791-1802.	6.4	11
13	Role of FIP200 in inflammatory processes beyond its canonical autophagy function. <i>Biochemical Society Transactions</i> , 2020, 48, 1599-1607.	3.4	5
14	Single-cell RNA-sequencing reveals distinct patterns of cell state heterogeneity in mouse models of breast cancer. <i>ELife</i> , 2020, 9, .	6.0	42
15	Regulation of immune checkpoint blockade efficacy in breast cancer by FIP200: A canonical-autophagy-independent function. <i>Cell Stress</i> , 2020, 4, 216-217.	3.2	1
16	TAMI-35. AUTOPHAGY MEDIATED LIPID CATABOLISM FACILITATES GLIOMA PROGRESSION TO OVERCOME BIOENERGETIC CRISIS. <i>Neuro-Oncology</i> , 2020, 22, ii220-ii220.	1.2	0
17	Autophagic lipid metabolism sustains mTORC1 activity in TSC-deficient neural stem cells. <i>Nature Metabolism</i> , 2019, 1, 1127-1140.	11.9	21
18	Abstract 4267: mTORC1-dependent tumors have innate vulnerability to autophagic cell death by HDAC inhibitors. , 2019, , .		0

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19	Improved efficacy of mitochondrial disrupting agents upon inhibition of autophagy in a mouse model of BRCA1-deficient breast cancer. <i>Autophagy</i> , 2018, 14, 1214-1225.	9.1	33
20	Abstract 1327: Autophagy facilitates tumor promotion in PyMT tumors through up-regulation of Pparg. , 2018, , .		0
21	Abstract B21: Improved efficacy of mitochondrial disrupting agents upon inhibition of autophagy in a mouse model of BRCA1-deficient breast cancer. , 2018, , .		0
22	Opposing roles of Nfkb2 gene products p100 and p52 in the regulation of breast cancer stem cells. <i>Breast Cancer Research and Treatment</i> , 2017, 162, 465-477.	2.5	8
23	Autophagy gene FIP200 in neural progenitors non- cell autonomously controls differentiation by regulating microglia. <i>Journal of Cell Biology</i> , 2017, 216, 2581-2596.	5.2	32
24	Breast Cancer: Multiple Subtypes within a Tumor?. <i>Trends in Cancer</i> , 2017, 3, 753-760.	7.4	253
25	Abstract 5887: The role of FAK in tumor microenvironment. , 2017, , .		0
26	Î²-Bisabolene, a Sesquiterpene from the Essential Oil Extract of Opoponax (<i>Commiphora</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 418-425.	5.8	75
27	Elevated p62/SQSTM1 determines the fate of autophagy-deficient neural stem cells by increasing superoxide. <i>Journal of Cell Biology</i> , 2016, 212, 545-560.	5.2	54
28	Autophagy Differentially Regulates Distinct Breast Cancer Stem-like Cells in Murine Models via EGFR/Stat3 and TgfÎ²/Smad Signaling. <i>Cancer Research</i> , 2016, 76, 3397-3410.	0.9	111
29	Hierarchical heterogeneity in mammary tumors and its regulation by autophagy. <i>Autophagy</i> , 2016, 12, 1960-1961.	9.1	17
30	Distinct roles of autophagy-dependent and -independent functions of FIP200 revealed by generation and analysis of a mutant knock-in mouse model. <i>Genes and Development</i> , 2016, 30, 856-869.	5.9	67
31	Autophagy inhibition re-sensitizes pulse stimulation-selected paclitaxel-resistant triple negative breast cancer cells to chemotherapy-induced apoptosis. <i>Breast Cancer Research and Treatment</i> , 2015, 149, 619-629.	2.5	45
32	Abnormal expression, localization and interaction of canonical transient receptor potential ion channels in human breast cancer cell lines and tissues: a potential target for breast cancer diagnosis and therapy. <i>Cancer Cell International</i> , 2009, 9, 23.	4.1	101
33	Single-Cell Transcriptomic Analysis of Mammary Tumors Reveals Distinct Patterns of Hierarchical and Subtype Heterogeneity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
34	Autophagy Blockade Limits HER2+ Breast Cancer Tumorigenesis by Perturbing HER2 Trafficking to Be Released from Cells Via Small Extracellular Vesicles. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
35	Targeting Autophagy in Thyroid Cancer: EMT, Apoptosis, and Cancer Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	10