

Joo S Lee

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,654
citations

535685

17
h-index

488211

31
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43
all docs

43
docs citations

43
times ranked

3232
citing authors

#	ARTICLE	IF	CITATIONS
1	USP8 regulates liver cancer progression via the inhibition of TRAF6-mediated signal for NF- κ B activation and autophagy induction by TLR4. <i>Translational Oncology</i> , 2022, 15, 101250.	1.7	14
2	USP15 negatively regulates lung cancer progression through the TRAF6-BECN1 signaling axis for autophagy induction. <i>Cell Death and Disease</i> , 2022, 13, 348.	2.7	17
3	Synthetic lethality-based prediction of anti-SARS-CoV-2 targets. <i>IScience</i> , 2022, 25, 104311.	1.9	7
4	Abstract 3048: CSI-Microbes: Identifying cell-type specific intracellular microbes from single-cell RNA-seq data. <i>Cancer Research</i> , 2022, 82, 3048-3048.	0.4	0
5	Abstract 3583: Identifying and testing cancer-derived synthetic-lethal anti-SARS-CoV-2 targets. <i>Cancer Research</i> , 2022, 82, 3583-3583.	0.4	0
6	Serine Biosynthesis Is a Metabolic Vulnerability in IDH2-Driven Breast Cancer Progression. <i>Cancer Research</i> , 2021, 81, 1443-1456.	0.4	14
7	Tumor methionine metabolism drives T-cell exhaustion in hepatocellular carcinoma. <i>Nature Communications</i> , 2021, 12, 1455.	5.8	96
8	Synthetic lethality-mediated precision oncology via the tumor transcriptome. <i>Cell</i> , 2021, 184, 2487-2502.e13.	13.5	60
9	Human delta like 1-expressing human mesenchymal stromal cells promote human T cell development and antigen-specific response in humanized NOD/SCID/IL-2R γ ⁰ (NSG) mice. <i>Scientific Reports</i> , 2021, 11, 10603.	1.6	1
10	Abstract 667: Genomic and transcriptomic profiling of malignant mesothelioma patients identifies gene signatures predictive of survival and response to immuno and chemotherapy. , 2021, , .		0
11	Abstract 1053: A large cellular screen charting the landscape of synergistic drug combinations in lung cancer. , 2021, , .		0
12	The ubiquitin ligase RNF5 determines acute myeloid leukemia growth and susceptibility to histone deacetylase inhibitors. <i>Nature Communications</i> , 2021, 12, 5397.	5.8	20
13	Synthetic lethality across normal tissues is strongly associated with cancer risk, onset, and tumor suppressor specificity. <i>Science Advances</i> , 2021, 7, .	4.7	16
14	A systematic genome-wide mapping of oncogenic mutation selection during CRISPR-Cas9 genome editing. <i>Nature Communications</i> , 2021, 12, 6512.	5.8	24
15	Targeting purine synthesis in ASS1-expressing tumors enhances the response to immune checkpoint inhibitors. <i>Nature Cancer</i> , 2020, 1, 894-908.	5.7	43
16	p62 is Negatively Implicated in the TRAF6-BECN1 Signaling Axis for Autophagy Activation and Cancer Progression by Toll-Like Receptor 4 (TLR4). <i>Cells</i> , 2020, 9, 1142.	1.8	25
17	Regulation of eIF2 γ by RNF4 Promotes Melanoma Tumorigenesis and Therapy Resistance. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2466-2477.	0.3	13
18	Anti-tumor effects of anti-PD-1 antibody, pembrolizumab, in humanized NSG PDX mice xenografted with dedifferentiated liposarcoma. <i>Cancer Letters</i> , 2020, 478, 56-69.	3.2	32

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19	Beyond Synthetic Lethality: Charting the Landscape of Pairwise Gene Expression States Associated with Survival in Cancer. <i>Cell Reports</i> , 2019, 28, 938-948.e6.	2.9	29
20	Migration rather than proliferation transcriptomic signatures are strongly associated with breast cancer patient survival. <i>Scientific Reports</i> , 2019, 9, 10989.	1.6	28
21	Genome-wide prediction of synthetic rescue mediators of resistance to targeted and immunotherapy. <i>Molecular Systems Biology</i> , 2019, 15, e8323.	3.2	25
22	A Platform of Synthetic Lethal Gene Interaction Networks Reveals that the GNAQ Uveal Melanoma Oncogene Controls the Hippo Pathway through FAK. <i>Cancer Cell</i> , 2019, 35, 457-472.e5.	7.7	169
23	Translational reprogramming marks adaptation to asparagine restriction in cancer. <i>Nature Cell Biology</i> , 2019, 21, 1590-1603.	4.6	61
24	Acid-Induced Downregulation of ASS1 Contributes to the Maintenance of Intracellular pH in Cancer. <i>Cancer Research</i> , 2019, 79, 518-533.	0.4	36
25	Amphiphilic nanocarrier-induced modulation of PLK1 and miR-34a leads to improved therapeutic response in pancreatic cancer. <i>Nature Communications</i> , 2018, 9, 16.	5.8	72
26	Harnessing synthetic lethality to predict the response to cancer treatment. <i>Nature Communications</i> , 2018, 9, 2546.	5.8	97
27	Robust prediction of response to immune checkpoint blockade therapy in metastatic melanoma. <i>Nature Medicine</i> , 2018, 24, 1545-1549.	15.2	473
28	Urea Cycle Dysregulation Generates Clinically Relevant Genomic and Biochemical Signatures. <i>Cell</i> , 2018, 174, 1559-1570.e22.	13.5	183
29	Reverting the molecular fingerprint of tumor dormancy as a therapeutic strategy for glioblastoma. <i>FASEB Journal</i> , 2018, 32, 5835-5850.	0.2	11
30	CAPN1 is a novel binding partner and regulator of the tumor suppressor NF1 in melanoma. <i>Oncotarget</i> , 2018, 9, 31264-31277.	0.8	9
31	Prediction and Subtyping of Hypertension from Pan-Tissue Transcriptomic and Genetic Analyses. <i>Genetics</i> , 2017, 207, 1121-1134.	1.2	6
32	Therapeutic relevance of the protein phosphatase 2A in cancer. <i>Oncotarget</i> , 2016, 7, 61544-61561.	0.8	27