Kai Miao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9494793/publications.pdf

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24	532	758635 12	713013 21
papers	citations	h-index	g-index

27	27	27	543
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NOTCH1 activation compensates BRCA1 deficiency and promotes triple-negative breast cancer formation. Nature Communications, 2020, 11, 3256.	5.8	56
2	Tumor heterogeneity reshapes the tumor microenvironment to influence drug resistance. International Journal of Biological Sciences, 2022, 18, 3019-3033.	2.6	54
3	Molecular landscape and subtype-specific therapeutic response of nasopharyngeal carcinoma revealed by integrative pharmacogenomics. Nature Communications, 2021, 12, 3046.	5.8	48
4	Patientâ€Derived Organoids Can Guide Personalizedâ€Therapies for Patients with Advanced Breast Cancer. Advanced Science, 2021, 8, e2101176.	5.6	42
5	Imaging of macrophage mitochondria dynamics in vivo reveals cellular activation phenotype for diagnosis. Theranostics, 2020, 10, 2897-2917.	4.6	41
6	BRCA1 Deficiency Impairs Mitophagy and Promotes Inflammasome Activation and Mammary Tumor Metastasis. Advanced Science, 2020, 7, 1903616.	5.6	39
7	S100A9-CXCL12 activation in BRCA1-mutant breast cancer promotes an immunosuppressive microenvironment associated with resistance to immunotherapy. Nature Communications, 2022, 13, 1481.	5.8	33
8	CRISPR-Cas9: from Genome Editing to Cancer Research. International Journal of Biological Sciences, 2016, 12, 1427-1436.	2.6	31
9	Characterization of BRCA1-deficient premalignant tissues and cancers identifies Plekha5 as a tumor metastasis suppressor. Nature Communications, 2020, 11, 4875.	5.8	24
10	Cancer drug screening with an on-chip multi-drug dispenser in digital microfluidics. Lab on A Chip, 2021, 21, 4749-4759.	3.1	22
11	Deciphering the autophagy regulatory network via single-cell transcriptome analysis reveals a requirement for autophagy homeostasis in spermatogenesis. Theranostics, 2021, 11, 5010-5027.	4.6	19
12	Non-classical estrogen signaling in ovarian cancer improves chemo-sensitivity and patients outcome. Theranostics, 2019, 9, 3952-3965.	4.6	16
13	BRCA1 function in the intra-S checkpoint is activated by acetylation via a pCAF/SIRT1 axis. Oncogene, 2018, 37, 2343-2350.	2.6	15
14	Activation of FGFR2 Signaling Suppresses BRCA1 and Drives Tripleâ€Negative Mammary Tumorigenesis That is Sensitive to Immunotherapy. Advanced Science, 2021, 8, e2100974.	5.6	15
15	Stagewise keratinocyte differentiation from human embryonic stem cells by defined signal transduction modulators. International Journal of Biological Sciences, 2020, 16, 1450-1462.	2.6	13
16	Accelerating precision anti-cancer therapy by time-lapse and label-free 3D tumor slice culture platform. Theranostics, 2021, 11, 9415-9430.	4.6	13
17	Mitochondrial genome undergoes de novo DNA methylation that protects mtDNA against oxidative damage during the peri-implantation window. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	12
18	BRCA1 represses DNA replication initiation through antagonizing estrogen signaling and maintains genome stability in parallel with WEE1â€“MCM2 signaling during pregnancy. Human Molecular Genetics, 2019, 28, 842-857.	1.4	10

#	Article	IF	Citations
19	Optimizing CRISPR/Cas9 technology for precise correction of the Fgfr3-G374R mutation in achondroplasia in mice. Journal of Biological Chemistry, 2019, 294, 1142-1151.	1.6	10
20	ATP11B inhibits breast cancer metastasis in a mouse model by suppressing externalization of nonapoptotic phosphatidylserine. Journal of Clinical Investigation, 2022, 132, .	3.9	7
21	Dissecting the heterogeneity and tumorigenesis of BRCA1 deficient mammary tumors via single cell RNA sequencing. Theranostics, 2021, 11, 9967-9987.	4.6	6
22	BRCA1 Deficiency: BRCA1 Deficiency Impairs Mitophagy and Promotes Inflammasome Activation and Mammary Tumor Metastasis (Adv. Sci. 6/2020). Advanced Science, 2020, 7, 2070033.	5.6	3
23	Highâ€throughput membraneâ€anchored proteome screening reveals <scp>PIEZO1</scp> as a promising antibodyâ€drug target for human esophageal squamous cell carcinoma. Cancer Medicine, 2022, 11, 3700-3713.	1.3	3
24	FGFR2â€“BRD4 Axis Regulates Transcriptional Networks of Histone 3 Modification and Synergy Between Its Inhibitors and PD-1/PD-L1 in a TNBC Mouse Model. Frontiers in Immunology, 2022, 13, 861221.	2.2	0