

Guang Peng

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,353
citations

394421

19
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

4837
citing authors

#	ARTICLE	IF	CITATIONS
1	Loss of ARID1A activates mTOR signaling and SOX9 in gastric adenocarcinoma—rationale for targeting ARID1A deficiency. <i>Gut</i> , 2022, 71, 467-478.	12.1	18
2	YAP1 mediates gastric adenocarcinoma peritoneal metastases that are attenuated by YAP1 inhibition. <i>Gut</i> , 2021, 70, 55-66.	12.1	53
3	GRB2 enforces homology-directed repair initiation by MRE11. <i>Science Advances</i> , 2021, 7, .	10.3	21
4	9p21 loss confers a cold tumor immune microenvironment and primary resistance to immune checkpoint therapy. <i>Nature Communications</i> , 2021, 12, 5606.	12.8	76
5	Single-cell dissection of intratumoral heterogeneity and lineage diversity in metastatic gastric adenocarcinoma. <i>Nature Medicine</i> , 2021, 27, 141-151.	30.7	134
6	Integrative Analysis Identifies Multi-Omics Signatures That Drive Molecular Classification of Uveal Melanoma. <i>Cancers</i> , 2021, 13, 6168.	3.7	5
7	Multiplex profiling of peritoneal metastases from gastric adenocarcinoma identified novel targets and molecular subtypes that predict treatment response. <i>Gut</i> , 2020, 69, 18-31.	12.1	94
8	ARID1A deficiency and immune checkpoint blockade therapy: From mechanisms to clinical application. <i>Cancer Letters</i> , 2020, 473, 148-155.	7.2	31
9	Integrative multi-omics analysis of muscle-invasive bladder cancer identifies prognostic biomarkers for frontline chemotherapy and immunotherapy. <i>Communications Biology</i> , 2020, 3, 784.	4.4	21
10	Inhibition of the ATM/Chk2 axis promotes cGAS/STING signaling in ARID1A-deficient tumors. <i>Journal of Clinical Investigation</i> , 2020, 130, 5951-5966.	8.2	72
11	Genetic alterations and expression characteristics of ARID1A impact tumor immune contexture and survival in early-onset gastric cancer. <i>American Journal of Cancer Research</i> , 2020, 10, 3947-3972.	1.4	3
12	Nucleostemin reveals a dichotomous nature of genome maintenance in mammary tumor progression. <i>Oncogene</i> , 2019, 38, 3919-3931.	5.9	11
13	Systems biology approach reveals a link between mTORC1 and G2/M DNA damage checkpoint recovery. <i>Nature Communications</i> , 2018, 9, 3982.	12.8	28
14	ARID1A deficiency promotes mutability and potentiates therapeutic antitumor immunity unleashed by immune checkpoint blockade. <i>Nature Medicine</i> , 2018, 24, 556-562.	30.7	372
15	Identifying Cell Cycle Modulators That Selectively Target ARID1A Deficiency Using High-Throughput Image-Based Screening. <i>SLAS Discovery</i> , 2017, 22, 813-826.	2.7	8
16	Natural product Î²-thujaplicin inhibits homologous recombination repair and sensitizes cancer cells to radiation therapy. <i>DNA Repair</i> , 2017, 60, 89-101.	2.8	9
17	Dissect the Dynamic Molecular Circuits of Cell Cycle Control through Network Evolution Model. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	0
18	mTOR Inhibitors Suppress Homologous Recombination Repair and Synergize with PARP Inhibitors via Regulating SUV39H1 in BRCA-Proficient Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 1699-1712.	7.0	95

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19	Non-coding RNAs: An emerging player in DNA damage response. <i>Mutation Research - Reviews in Mutation Research</i> , 2015, 763, 202-211.	5.5	88
20	ARID1A Deficiency Impairs the DNA Damage Checkpoint and Sensitizes Cells to PARP Inhibitors. <i>Cancer Discovery</i> , 2015, 5, 752-767.	9.4	361
21	Phosphorylation of the BRCA1 C Terminus (BRCT) Repeat Inhibitor of hTERT (BRIT1) Protein Coordinates TopBP1 Protein Recruitment and Amplifies Ataxia Telangiectasia-mutated and Rad3-related (ATR) Signaling. <i>Journal of Biological Chemistry</i> , 2014, 289, 34284-34295.	3.4	7
22	RADical Response Puts an Exceptional Responder in CHKmate: A Synthetic Lethal Curative Response to DNA-Damaging Chemotherapy?. <i>Cancer Discovery</i> , 2014, 4, 988-990.	9.4	5
23	Genome-wide transcriptome profiling of homologous recombination DNA repair. <i>Nature Communications</i> , 2014, 5, 3361.	12.8	182
24	Long non-coding RNA ANRIL (CDKN2B-AS) is induced by the ATM-E2F1 signaling pathway. <i>Cellular Signalling</i> , 2013, 25, 1086-1095.	3.6	180
25	Nucleostemin deletion reveals an essential mechanism that maintains the genomic stability of stem and progenitor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11415-11420.	7.1	48
26	DNA-Damage-Induced Nuclear Export of Precursor MicroRNAs Is Regulated by the ATM-AKT Pathway. <i>Cell Reports</i> , 2013, 3, 2100-2112.	6.4	58
27	Mathematical Model of Dynamic Protein Interactions Regulating p53 Protein Stability for Tumor Suppression. <i>Computational and Mathematical Methods in Medicine</i> , 2013, 2013, 1-6.	1.3	4
28	Chromodomain Helicase DNA-binding Protein 4 (CHD4) Regulates Homologous Recombination DNA Repair, and Its Deficiency Sensitizes Cells to Poly(ADP-ribose) Polymerase (PARP) Inhibitor Treatment. <i>Journal of Biological Chemistry</i> , 2012, 287, 6764-6772.	3.4	85
29	Human Nuclease/Helicase DNA2 Alleviates Replication Stress by Promoting DNA End Resection. <i>Cancer Research</i> , 2012, 72, 2802-2813.	0.9	63
30	Exploiting the homologous recombination DNA repair network for targeted cancer therapy. <i>World Journal of Clinical Oncology</i> , 2011, 2, 73.	2.3	38
31	The linkage of chromatin remodeling to genome maintenance: Contribution from a human disease gene BRIT1/MCPH1. <i>Epigenetics</i> , 2009, 4, 457-461.	2.7	7
32	BRIT1/MCPH1 links chromatin remodelling to DNA damage response. <i>Nature Cell Biology</i> , 2009, 11, 865-872.	10.3	175