

Sonali Arora

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,375
citations

471509

17
h-index

552781

26
g-index

35
all docs

35
docs citations

35
times ranked

3290
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudouridylation of tRNA-Derived Fragments Steers Translational Control in Stem Cells. <i>Cell</i> , 2018, 173, 1204-1216.e26.	28.9	332
2	Mutant IDH1 regulates the tumor-associated immune system in gliomas. <i>Genes and Development</i> , 2017, 31, 774-786.	5.9	313
3	Human glioblastoma-associated microglia/monocytes express a distinct RNA profile compared to human control and murine samples. <i>Glia</i> , 2016, 64, 1416-1436.	4.9	90
4	A De Novo Mouse Model of C11orf95-RELA Fusion-Driven Ependymoma Identifies Driver Functions in Addition to NF- κ B. <i>Cell Reports</i> , 2018, 23, 3787-3797.	6.4	53
5	Dissection of Immune Gene Networks in Primary Melanoma Tumors Critical for Antitumor Surveillance of Patients with Stage II-III Resectable Disease. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2202-2211.	0.7	51
6	Comparison of tumor-associated YAP1 fusions identifies a recurrent set of functions critical for oncogenesis. <i>Genes and Development</i> , 2020, 34, 1051-1064.	5.9	48
7	The androgen receptor regulates a druggable translational regulon in advanced prostate cancer. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	47
8	Variability in estimated gene expression among commonly used RNA-seq pipelines. <i>Scientific Reports</i> , 2020, 10, 2734.	3.3	43
9	N6-methyladenosine mRNA marking promotes selective translation of regulons required for human erythropoiesis. <i>Nature Communications</i> , 2019, 10, 4596.	12.8	42
10	Increased <i>HOXA5</i> expression provides a selective advantage for gain of whole chromosome 7 in IDH wild-type glioblastoma. <i>Genes and Development</i> , 2018, 32, 512-523.	5.9	40
11	Ion channel expression patterns in glioblastoma stem cells with functional and therapeutic implications for malignancy. <i>PLoS ONE</i> , 2017, 12, e0172884.	2.5	37
12	Anti-PD-L1 antibody direct activation of macrophages contributes to a radiation-induced abscopal response in glioblastoma. <i>Neuro-Oncology</i> , 2020, 22, 639-651.	1.2	34
13	Genomic distinctions between metastatic lower and upper tract urothelial carcinoma revealed through rapid autopsy. <i>JCI Insight</i> , 2019, 4, .	5.0	30
14	Multiplexed functional genomic analysis of 5' untranslated region mutations across the spectrum of prostate cancer. <i>Nature Communications</i> , 2021, 12, 4217.	12.8	30
15	Copy number profiling across glioblastoma populations has implications for clinical trial design. <i>Neuro-Oncology</i> , 2018, 20, 1368-1373.	1.2	28
16	Genomic Annotation Resources in R/Bioconductor. <i>Methods in Molecular Biology</i> , 2016, 1418, 67-90.	0.9	27
17	A kinase-deficient NTRK2 splice variant predominates in glioma and amplifies several oncogenic signaling pathways. <i>Nature Communications</i> , 2020, 11, 2977.	12.8	26
18	Neural GO: a quiescent-like state found in neuroepithelial-derived cells and glioma. <i>Molecular Systems Biology</i> , 2021, 17, e9522.	7.2	24

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19	Arming oHSV with ULBP3 drives abscopal immunity in lymphocyte-depleted glioblastoma. JCI Insight, 2019, 4, .	5.0	24
20	Selective Translation of Cell Fate Regulators Mediates Tolerance to Broad Oncogenic Stress. Cell Stem Cell, 2020, 27, 270-283.e7.	11.1	14
21	A bladder cancer patient-derived xenograft displays aggressive growth dynamics in vivo and in organoid culture. Scientific Reports, 2021, 11, 4609.	3.3	14
22	A simple and highly efficient method for multi-allelic CRISPR-Cas9 editing in primary cell cultures. Cancer Reports, 2020, 3, e1269.	1.4	12
23	Cooperation of oncolytic virotherapy with VEGF-neutralizing antibody treatment in IDH wildtype glioblastoma depends on MMP9. Neuro-Oncology, 2019, 21, 1607-1609.	1.2	9
24	Enhancing the Functional Content of Eukaryotic Protein Interaction Networks. PLoS ONE, 2014, 9, e109130.	2.5	4
25	Functional dissection of human mitotic genes using CRISPR-Cas9 tiling screens. Genes and Development, 2022, 36, 495-510.	5.9	2
26	Distinct genomic hallmarks exist between metastatic upper and lower tract urothelial carcinoma.. Journal of Clinical Oncology, 2019, 37, 371-371.	1.6	1
27	GENE-12. EMERGING PRINCIPLES OF SYNTHETIC LETHALITY IN GLIOBLASTOMA. Neuro-Oncology, 2017, 19, vi95-vi95.	1.2	0
28	PATH-51. DNA COPY NUMBER PROFILING ACROSS GLIOBLASTOMA POPULATIONS HAS IMPLICATIONS FOR CLINICAL TRIAL DESIGN. Neuro-Oncology, 2018, 20, vi169-vi170.	1.2	0
29	TMIC-05. ABS COPAL IMMUNE RESPONSE IN GLIOBLASTOMA ELICITED BY MIR124-ATTENUATED ONCOLYTIC HERPES SIMPLEX VIRUS 1 ARMED WITH UL16 BINDING PROTEIN 3. Neuro-Oncology, 2018, 20, vi256-vi257.	1.2	0
30	CSIG-17. CHARACTERIZATION OF AN ALTERNATIVELY SPLICED NTRK2 VARIANT IN GLIOMA: EMPLOYING NOVEL REAGENTS TO UNCOVER NOVEL FUNCTIONS. Neuro-Oncology, 2018, 20, vi46-vi46.	1.2	0
31	Abstract B14: Precision functional genomics for glioblastoma: Identifying molecular therapeutic targets using CRISPR-Cas9 and RNAi technologies in patient isolates. , 2017, , .		0
32	Abstract 413: Emerging principles in synthetic lethality in glioblastoma. , 2018, , .		0