

Sahil B Seth

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

49,445
citations

76196

40
h-index

197535

49
g-index

54
all docs

54
docs citations

54
times ranked

65986
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cancer Genome Atlas Pan-Cancer analysis project. Nature Genetics, 2013, 45, 1113-1120.	9.4	6,265
2	Comprehensive molecular characterization of gastric adenocarcinoma. Nature, 2014, 513, 202-209.	13.7	5,055
3	Comprehensive molecular profiling of lung adenocarcinoma. Nature, 2014, 511, 543-550.	13.7	4,572
4	Integrated genomic characterization of endometrial carcinoma. Nature, 2013, 497, 67-73.	13.7	4,075
5	Comprehensive genomic characterization of head and neck squamous cell carcinomas. Nature, 2015, 517, 576-582.	13.7	3,209
6	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. New England Journal of Medicine, 2015, 372, 2481-2498.	13.9	2,582
7	Genomic Classification of Cutaneous Melanoma. Cell, 2015, 161, 1681-1696.	13.5	2,562
8	Comprehensive molecular characterization of urothelial bladder carcinoma. Nature, 2014, 507, 315-322.	13.7	2,496
9	The Molecular Taxonomy of Primary Prostate Cancer. Cell, 2015, 163, 1011-1025.	13.5	2,435
10	Integrated Genomic Characterization of Papillary Thyroid Carcinoma. Cell, 2014, 159, 676-690.	13.5	2,318
11	Molecular Profiling Reveals Biologically Discrete Subsets and Pathways of Progression in Diffuse Glioma. Cell, 2016, 164, 550-563.	13.5	1,695
12	Integrated genomic characterization of oesophageal carcinoma. Nature, 2017, 541, 169-175.	13.7	1,448
13	Multiplatform Analysis of 12 Cancer Types Reveals Molecular Classification within and across Tissues of Origin. Cell, 2014, 158, 929-944.	13.5	1,242
14	Integrated genomic and molecular characterization of cervical cancer. Nature, 2017, 543, 378-384.	13.7	1,158
15	Oncogene ablation-resistant pancreatic cancer cells depend on mitochondrial function. Nature, 2014, 514, 628-632.	13.7	998
16	Intratumor heterogeneity in localized lung adenocarcinomas delineated by multiregion sequencing. Science, 2014, 346, 256-259.	6.0	834
17	Identification of Double-stranded Genomic DNA Spanning All Chromosomes with Mutated KRAS and p53 DNA in the Serum Exosomes of Patients with Pancreatic Cancer. Journal of Biological Chemistry, 2014, 289, 3869-3875.	1.6	826
18	The Somatic Genomic Landscape of Chromophobe Renal Cell Carcinoma. Cancer Cell, 2014, 26, 319-330.	7.7	665

#	ARTICLE	IF	CITATIONS
19	Integrative Analysis Identifies Four Molecular and Clinical Subsets in Uveal Melanoma. <i>Cancer Cell</i> , 2017, 32, 204-220.e15.	7.7	642
20	Mutational Landscape of Aggressive Cutaneous Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2014, 20, 6582-6592.	3.2	493
21	Systematic analysis of telomere length and somatic alterations in 31 cancer types. <i>Nature Genetics</i> , 2017, 49, 349-357.	9.4	476
22	A Pan-Cancer Proteogenomic Atlas of PI3K/AKT/mTOR Pathway Alterations. <i>Cancer Cell</i> , 2017, 31, 820-832.e3.	7.7	433
23	Evaluation and Design of Genome-Wide CRISPR/SpCas9 Knockout Screens. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2719-2727.	0.8	417
24	Characterization of HPV and host genome interactions in primary head and neck cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15544-15549.	3.3	317
25	Recurrent PTPRB and PLCG1 mutations in angiosarcoma. <i>Nature Genetics</i> , 2014, 46, 376-379.	9.4	269
26	A comprehensive assessment of somatic mutation detection in cancer using whole-genome sequencing. <i>Nature Communications</i> , 2015, 6, 10001.	5.8	266
27	Discordant inheritance of chromosomal and extrachromosomal DNA elements contributes to dynamic disease evolution in glioblastoma. <i>Nature Genetics</i> , 2018, 50, 708-717.	9.4	212
28	Resistance to neoadjuvant chemotherapy in triple-negative breast cancer mediated by a reversible drug-tolerant state. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	192
29	Genomic heterogeneity of multiple synchronous lung cancer. <i>Nature Communications</i> , 2016, 7, 13200.	5.8	132
30	Syndecan 1 is a critical mediator of macropinocytosis in pancreatic cancer. <i>Nature</i> , 2019, 568, 410-414.	13.7	129
31	In Vivo Functional Platform Targeting Patient-Derived Xenografts Identifies WDR5-Myc Association as a Critical Determinant of Pancreatic Cancer. <i>Cell Reports</i> , 2016, 16, 133-147.	2.9	114
32	Co-clinical assessment identifies patterns of BRAF inhibitor resistance in melanoma. <i>Journal of Clinical Investigation</i> , 2015, 125, 1459-1470.	3.9	106
33	Synthetic vulnerabilities of mesenchymal subpopulations in pancreatic cancer. <i>Nature</i> , 2017, 542, 362-366.	13.7	105
34	High-resolution clonal mapping of multi-organ metastasis in triple negative breast cancer. <i>Nature Communications</i> , 2018, 9, 5079.	5.8	91
35	Somatic mutation distributions in cancer genomes vary with three-dimensional chromatin structure. <i>Nature Genetics</i> , 2020, 52, 1178-1188.	9.4	79
36	Systematic Epigenomic Analysis Reveals Chromatin States Associated with Melanoma Progression. <i>Cell Reports</i> , 2017, 19, 875-889.	2.9	78

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37	A Pan-Cancer Compendium of Genes Deregulated by Somatic Genomic Rearrangement across More Than 1,400 Cases. <i>Cell Reports</i> , 2018, 24, 515-527.	2.9	70
38	Pre-existing Functional Heterogeneity of Tumorigenic Compartment as the Origin of Chemoresistance in Pancreatic Tumors. <i>Cell Reports</i> , 2019, 26, 1518-1532.e9.	2.9	70
39	Genetic Events That Limit the Efficacy of MEK and RTK Inhibitor Therapies in a Mouse Model of KRAS-Driven Pancreatic Cancer. <i>Cancer Research</i> , 2015, 75, 1091-1101.	0.4	68
40	Allosteric SHP2 Inhibitor, IACS-13909, Overcomes EGFR-Dependent and EGFR-Independent Resistance Mechanisms toward Osimertinib. <i>Cancer Research</i> , 2020, 80, 4840-4853.	0.4	49
41	Functional Genomics Reveals Synthetic Lethality between Phosphogluconate Dehydrogenase and Oxidative Phosphorylation. <i>Cell Reports</i> , 2019, 26, 469-482.e5.	2.9	47
42	Global impact of somatic structural variation on the DNA methylome of human cancers. <i>Genome Biology</i> , 2019, 20, 209.	3.8	40
43	Immune Phenotype and Response to Neoadjuvant Therapy in Triple-Negative Breast Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 5365-5375.	3.2	29
44	Medium-Chain Acyl-CoA Dehydrogenase Protects Mitochondria from Lipid Peroxidation in Glioblastoma. <i>Cancer Discovery</i> , 2021, 11, 2904-2923.	7.7	23
45	Sequential Administration of XPO1 and ATR Inhibitors Enhances Therapeutic Response in TP53-mutated Colorectal Cancer. <i>Gastroenterology</i> , 2021, 161, 196-210.	0.6	23
46	Inhibition of histone acetyltransferase function radiosensitizes CREBBP/EP300 mutants via repression of homologous recombination, potentially targeting a gain of function. <i>Nature Communications</i> , 2021, 12, 6340.	5.8	17
47	A functional genomic approach to actionable gene fusions for precision oncology. <i>Science Advances</i> , 2022, 8, eabm2382.	4.7	9
48	The cytosolic iron-sulfur cluster assembly (CIA) pathway is required for replication stress tolerance of cancer cells to Chk1 and ATR inhibitors. <i>Npj Breast Cancer</i> , 2021, 7, 152.	2.3	5
49	Prognostic Impact of High Baseline Stromal Tumor-Infiltrating Lymphocytes in the Absence of Pathologic Complete Response in Early-Stage Triple-Negative Breast Cancer. <i>Cancers</i> , 2022, 14, 1323.	1.7	4