Sam Behjati

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5554414/publications.pdf

Version: 2024-02-01

36 papers	13,340 citations	218592 26 h-index	345118 36 g-index
47 all docs	47 docs citations	47 times ranked	27414 citing authors

#	Article	IF	Citations
1	Signatures of mutational processes in human cancer. Nature, 2013, 500, 415-421.	13.7	8,060
2	SoupX removes ambient RNA contamination from droplet-based single-cell RNA sequencing data. GigaScience, 2020, 9, .	3.3	578
3	Single-cell transcriptomes from human kidneys reveal the cellular identity of renal tumors. Science, 2018, 361, 594-599.	6.0	511
4	Decoding human fetal liver haematopoiesis. Nature, 2019, 574, 365-371.	13.7	392
5	A cell atlas of human thymic development defines T cell repertoire formation. Science, 2020, 367, .	6.0	368
6	Use of CRISPR-modified human stem cell organoids to study the origin of mutational signatures in cancer. Science, 2017, 358, 234-238.	6.0	337
7	Genome sequencing of normal cells reveals developmental lineages and mutational processes. Nature, 2014, 513, 422-425.	13.7	315
8	Combined hereditary and somatic mutations of replication error repair genes result in rapid onset of ultra-hypermutated cancers. Nature Genetics, 2015, 47, 257-262.	9.4	306
9	Spatiotemporal immune zonation of the human kidney. Science, 2019, 365, 1461-1466.	6.0	281
10	Developmental cell programs are co-opted in inflammatory skin disease. Science, 2021, 371, .	6.0	264
11	Mutational signatures of ionizing radiation in second malignancies. Nature Communications, 2016, 7, 12605.	5.8	214
12	Recurrent mutation of IGF signalling genes and distinct patterns of genomic rearrangement in osteosarcoma. Nature Communications, 2017, 8, 15936.	5.8	179
13	The genetic changes of Wilms tumour. Nature Reviews Nephrology, 2019, 15, 240-251.	4.1	159
14	Chromosome segregation errors generate a diverse spectrum of simple and complex genomic rearrangements. Nature Genetics, 2019, 51, 705-715.	9.4	145
15	Inherent mosaicism and extensive mutation of human placentas. Nature, 2021, 592, 80-85.	13.7	126
16	Rearrangement bursts generate canonical gene fusions in bone and soft tissue tumors. Science, 2018, 361, .	6.0	121
17	A roadmap for the Human Developmental Cell Atlas. Nature, 2021, 597, 196-205.	13.7	114
18	Embryonal precursors of Wilms tumor. Science, 2019, 366, 1247-1251.	6.0	101

#	Article	IF	Citations
19	Tumor to normal single-cell mRNA comparisons reveal a pan-neuroblastoma cancer cell. Science Advances, 2021, 7, .	4.7	78
20	Wilms tumour. Nature Reviews Disease Primers, 2021, 7, 75.	18.1	75
21	Blood and immune development in human fetal bone marrow and Down syndrome. Nature, 2021, 598, 327-331.	13.7	73
22	Recurrent intragenic rearrangements of EGFR and BRAF in soft tissue tumors of infants. Nature Communications, 2018, 9, 2378.	5.8	72
23	A single cell characterisation of human embryogenesis identifies pluripotency transitions and putative anterior hypoblast centre. Nature Communications, 2021, 12, 3679.	5.8	63
24	Predisposition to cancer in children and adolescents. The Lancet Child and Adolescent Health, 2021, 5, 142-154.	2.7	53
25	Somatic mutations and single-cell transcriptomes reveal the root of malignant rhabdoid tumours. Nature Communications, 2021, 12, 1407.	5.8	41
26	Single-cell transcriptomics reveals a distinct developmental state of KMT2A-rearranged infant B-cell acute lymphoblastic leukemia. Nature Medicine, 2022, 28, 743-751.	15.2	35
27	Mapping human development at single-cell resolution. Development (Cambridge), 2018, 145, .	1.2	30
28	Single cell derived mRNA signals across human kidney tumors. Nature Communications, 2021, 12, 3896.	5.8	27
29	Maturation Block in Childhood Cancer. Cancer Discovery, 2021, 11, 542-544.	7.7	25
30	An in vitro stem cell model of human epiblast and yolk sac interaction. ELife, 2021, 10, .	2.8	24
31	Lineage-Independent Tumors in Bilateral Neuroblastoma. New England Journal of Medicine, 2020, 383, 1860-1865.	13.9	23
32	Clonal hematopoiesis and therapy-related myeloid neoplasms following neuroblastoma treatment. Blood, 2021, 137, 2992-2997.	0.6	19
33	A rare case of paediatric astroblastoma with concomitant MN1â€GTSE1 and EWSR1â€PATZ1 gene fusions altering management. Neuropathology and Applied Neurobiology, 2021, 47, 882-888.	1.8	14
34	Pitfalls of Applying Mouse Markers to Human Adrenal Medullary Cells. Cancer Cell, 2021, 39, 132-133.	7.7	12
35	An infant with ETV6â€NTRK3 fusionâ€positive congenital infantile fibrosarcoma and delayed response to conventional chemotherapy avoiding the need for TRK inhibition. Pediatric Blood and Cancer, 2020, 67, e28628.	0.8	3
36	Tracing and Targeting the Origins of Childhood Cancer. Annual Review of Cancer Biology, 2022, 6, 35-47.	2.3	1