Sam Behjati

List of Publications by Year
in descending order

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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	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
2	Tracing and Targeting the Origins of Childhood Cancer. Annual Review of Cancer Biology, 2022, 6, 35-47.	2.3	1
3	Developmental cell programs are co-opted in inflammatory skin disease. Science, 2021, 371, .	6.0	264
4	Tumor to normal single-cell mRNA comparisons reveal a pan-neuroblastoma cancer cell. Science Advances, 2021, 7, .	4.7	78
5	Pitfalls of Applying Mouse Markers to Human Adrenal Medullary Cells. Cancer Cell, 2021, 39, 132-133.	7.7	12
6	Maturation Block in Childhood Cancer. Cancer Discovery, 2021, 11, 542-544.	7.7	25
7	Predisposition to cancer in children and adolescents. The Lancet Child and Adolescent Health, 2021, 5, 142-154.	2.7	53
8	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
9	Inherent mosaicism and extensive mutation of human placentas. Nature, 2021, 592, 80-85.	13.7	126
10	Somatic mutations and single-cell transcriptomes reveal the root of malignant rhabdoid tumours. Nature Communications, 2021, 12, 1407.	5.8	41
11	Clonal hematopoiesis and therapy-related myeloid neoplasms following neuroblastoma treatment. Blood, 2021, 137, 2992-2997.	0.6	19
12	Single cell derived mRNA signals across human kidney tumors. Nature Communications, 2021, 12, 3896.	5.8	27
13	A single cell characterisation of human embryogenesis identifies pluripotency transitions and putative anterior hypoblast centre. Nature Communications, 2021, 12, 3679.	5.8	63
14	An in vitro stem cell model of human epiblast and yolk sac interaction. ELife, 2021, 10, .	2.8	24
15	Blood and immune development in human fetal bone marrow and Down syndrome. Nature, 2021, 598, 327-331.	13.7	73
16	A roadmap for the Human Developmental Cell Atlas. Nature, 2021, 597, 196-205.	13.7	114
17	Wilms tumour. Nature Reviews Disease Primers, 2021, 7, 75.	18.1	75
18	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

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19	Lineage-Independent Tumors in Bilateral Neuroblastoma. New England Journal of Medicine, 2020, 383, 1860-1865.	13.9	23
20	A cell atlas of human thymic development defines T cell repertoire formation. Science, 2020, 367, .	6.0	368
21	SoupX removes ambient RNA contamination from droplet-based single-cell RNA sequencing data. GigaScience, 2020, 9, .	3.3	578
22	Decoding human fetal liver haematopoiesis. Nature, 2019, 574, 365-371.	13.7	392
23	Spatiotemporal immune zonation of the human kidney. Science, 2019, 365, 1461-1466.	6.0	281
24	The genetic changes of Wilms tumour. Nature Reviews Nephrology, 2019, 15, 240-251.	4.1	159
25	Chromosome segregation errors generate a diverse spectrum of simple and complex genomic rearrangements. Nature Genetics, 2019, 51, 705-715.	9.4	145
26	Embryonal precursors of Wilms tumor. Science, 2019, 366, 1247-1251.	6.0	101
27	Mapping human development at single-cell resolution. Development (Cambridge), 2018, 145, .	1.2	30
28	Rearrangement bursts generate canonical gene fusions in bone and soft tissue tumors. Science, 2018, 361, .	6.0	121
29	Single-cell transcriptomes from human kidneys reveal the cellular identity of renal tumors. Science, 2018, 361, 594-599.	6.0	511
30	Recurrent intragenic rearrangements of EGFR and BRAF in soft tissue tumors of infants. Nature Communications, 2018, 9, 2378.	5.8	72
31	Recurrent mutation of IGF signalling genes and distinct patterns of genomic rearrangement in osteosarcoma. Nature Communications, 2017, 8, 15936.	5.8	179
32	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
33	Mutational signatures of ionizing radiation in second malignancies. Nature Communications, 2016, 7, 12605.	5.8	214
34	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
35	Genome sequencing of normal cells reveals developmental lineages and mutational processes. Nature, 2014, 513, 422-425.	13.7	315
36	Signatures of mutational processes in human cancer. Nature, 2013, 500, 415-421.	13.7	8,060