Marcel Kool

List of Publications by Year
in descending order

27 papers	8,693 citations	331259 21 h-index	525886 27 g-index
28 all docs	28 docs citations	28 times ranked	9153 citing authors

#	Article	IF	Citations
1	Downregulation of miRâ€326 and its host gene Î²â€arrestin1 induces proâ€survival activity of E2F1 and promotes medulloblastoma growth. Molecular Oncology, 2021, 15, 523-542.	2.1	8
2	Notch Signaling between Cerebellar Granule Cell Progenitors. ENeuro, 2021, 8, ENEURO.0468-20.2021.	0.9	9
3	Targeting fibroblast growth factor receptors to combat aggressive ependymoma. Acta Neuropathologica, 2021, 142, 339-360.	3.9	14
4	Modeling SHH-driven medulloblastoma with patient iPS cell-derived neural stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20127-20138.	3.3	23
5	Functional loss of a noncanonical BCORâ€“PRC1.1 complex accelerates SHH-driven medulloblastoma formation. Genes and Development, 2020, 34, 1161-1176.	2.7	16
6	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. Nature, 2020, 580, 396-401.	13.7	94
7	YAP1 subgroup supratentorial ependymoma requires TEAD and nuclear factor I-mediated transcriptional programmes for tumorigenesis. Nature Communications, 2019, 10, 3914.	5.8	65
8	Engineering Genetic Predisposition in Human Neuroepithelial Stem Cells Recapitulates Medulloblastoma Tumorigenesis. Cell Stem Cell, 2019, 25, 433-446.e7.	5.2	56
9	Subgroup-specific prognostic signaling and metabolic pathways in pediatric medulloblastoma. BMC Cancer, 2019, 19, 571.	1.1	40
10	MRI Features of Histologically Diagnosed Supratentorial Primitive Neuroectodermal Tumors and Pineoblastomas in Correlation with Molecular Diagnoses and Outcomes: A Report from the Childrenâ€™s Oncology Group ACNS0332 Trial. American Journal of Neuroradiology, 2019, 40, 1796-1803.	1.2	11
11	A biobank of patient-derived pediatric brain tumor models. Nature Medicine, 2018, 24, 1752-1761.	15.2	124
12	Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. Lancet Oncology, The, 2018, 19, 785-798.	5.1	268
13	The whole-genome landscape of medulloblastoma subtypes. Nature, 2017, 547, 311-317.	13.7	787
14	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. Cancer Cell, 2016, 29, 379-393.	7.7	438
15	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. Cell, 2016, 164, 1060-1072.	13.5	702
16	Genome Sequencing of SHH Medulloblastoma Predicts Genotype-Related Response to Smoothened Inhibition. Cancer Cell, 2014, 25, 393-405.	7.7	627
17	Quiescent Sox2+ Cells Drive Hierarchical Growth and Relapse in Sonic Hedgehog Subgroup Medulloblastoma. Cancer Cell, 2014, 26, 33-47.	7.7	241
18	Robust molecular subgrouping and copy-number profiling of medulloblastoma from small amounts of archival tumour material using high-density DNA methylation arrays. Acta Neuropathologica, 2013, 125, 913-916.	3.9	244

#	Article	IF	Citations
19	Aberrant patterns of H3K4 and H3K27 histone lysine methylation occur across subgroups in medulloblastoma. Acta Neuropathologica, 2013, 125, 373-384.	3.9	169
20	The Role of Chromatin Remodeling in Medulloblastoma. Brain Pathology, 2013, 23, 193-199.	2.1	37
21	EZH2-Regulated DAB2IP Is a Medulloblastoma Tumor Suppressor and a Positive Marker for Survival. Clinical Cancer Research, 2012, 18, 4048-4058.	3.2	76
22	Subgroup-specific structural variation across 1,000 medulloblastoma genomes. Nature, 2012, 488, 49-56.	13.7	761
23	Medulloblastomics: the end of the beginning. Nature Reviews Cancer, 2012, 12, 818-834.	12.8	560
24	Rapid, reliable, and reproducible molecular sub-grouping of clinical medulloblastoma samples. Acta Neuropathologica, 2012, 123, 615-626.	3.9	318
25	Molecular subgroups of medulloblastoma: the current consensus. Acta Neuropathologica, 2012, 123, 465-472.	3.9	1,536
26	Molecular subgroups of medulloblastoma: an international meta-analysis of transcriptome, genetic aberrations, and clinical data of WNT, SHH, Group 3, and Group 4 medulloblastomas. Acta Neuropathologica, 2012, 123, 473-484.	3.9	863
27	Integrated Genomics Identifies Five Medulloblastoma Subtypes with Distinct Genetic Profiles, Pathway Signatures and Clinicopathological Features. PLoS ONE, 2008, 3, e3088.	1.1	606