

Marcel Kool

List of Publications by Year in descending order

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Version: 2024-02-01

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	Molecular subgroups of medulloblastoma: the current consensus. <i>Acta Neuropathologica</i> , 2012, 123, 465-472.	3.9	1,536
2	Molecular subgroups of medulloblastoma: an international meta-analysis of transcriptome, genetic aberrations, and clinical data of WNT, SHH, Group 3, and Group 4 medulloblastomas. <i>Acta Neuropathologica</i> , 2012, 123, 473-484.	3.9	863
3	The whole-genome landscape of medulloblastoma subtypes. <i>Nature</i> , 2017, 547, 311-317.	13.7	787
4	Subgroup-specific structural variation across 1,000 medulloblastoma genomes. <i>Nature</i> , 2012, 488, 49-56.	13.7	761
5	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. <i>Cell</i> , 2016, 164, 1060-1072.	13.5	702
6	Genome Sequencing of SHH Medulloblastoma Predicts Genotype-Related Response to Smoothed Inhibition. <i>Cancer Cell</i> , 2014, 25, 393-405.	7.7	627
7	Integrated Genomics Identifies Five Medulloblastoma Subtypes with Distinct Genetic Profiles, Pathway Signatures and Clinicopathological Features. <i>PLoS ONE</i> , 2008, 3, e3088.	1.1	606
8	Medulloblastomics: the end of the beginning. <i>Nature Reviews Cancer</i> , 2012, 12, 818-834.	12.8	560
9	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. <i>Cancer Cell</i> , 2016, 29, 379-393.	7.7	438
10	Rapid, reliable, and reproducible molecular sub-grouping of clinical medulloblastoma samples. <i>Acta Neuropathologica</i> , 2012, 123, 615-626.	3.9	318
11	Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. <i>Lancet Oncology</i> , The, 2018, 19, 785-798.	5.1	268
12	Robust molecular subgrouping and copy-number profiling of medulloblastoma from small amounts of archival tumour material using high-density DNA methylation arrays. <i>Acta Neuropathologica</i> , 2013, 125, 913-916.	3.9	244
13	Quiescent Sox2+ Cells Drive Hierarchical Growth and Relapse in Sonic Hedgehog Subgroup Medulloblastoma. <i>Cancer Cell</i> , 2014, 26, 33-47.	7.7	241
14	Aberrant patterns of H3K4 and H3K27 histone lysine methylation occur across subgroups in medulloblastoma. <i>Acta Neuropathologica</i> , 2013, 125, 373-384.	3.9	169
15	A biobank of patient-derived pediatric brain tumor models. <i>Nature Medicine</i> , 2018, 24, 1752-1761.	15.2	124
16	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. <i>Nature</i> , 2020, 580, 396-401.	13.7	94
17	EZH2-Regulated DAB2IP Is a Medulloblastoma Tumor Suppressor and a Positive Marker for Survival. <i>Clinical Cancer Research</i> , 2012, 18, 4048-4058.	3.2	76
18	YAP1 subgroup supratentorial ependymoma requires TEAD and nuclear factor I-mediated transcriptional programmes for tumorigenesis. <i>Nature Communications</i> , 2019, 10, 3914.	5.8	65

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19	Engineering Genetic Predisposition in Human Neuroepithelial Stem Cells Recapitulates Medulloblastoma Tumorigenesis. <i>Cell Stem Cell</i> , 2019, 25, 433-446.e7.	5.2	56
20	Subgroup-specific prognostic signaling and metabolic pathways in pediatric medulloblastoma. <i>BMC Cancer</i> , 2019, 19, 571.	1.1	40
21	The Role of Chromatin Remodeling in Medulloblastoma. <i>Brain Pathology</i> , 2013, 23, 193-199.	2.1	37
22	Modeling SHH-driven medulloblastoma with patient iPS cell-derived neural stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20127-20138.	3.3	23
23	Functional loss of a noncanonical BCOR-PRC1.1 complex accelerates SHH-driven medulloblastoma formation. <i>Genes and Development</i> , 2020, 34, 1161-1176.	2.7	16
24	Targeting fibroblast growth factor receptors to combat aggressive ependymoma. <i>Acta Neuropathologica</i> , 2021, 142, 339-360.	3.9	14
25	MRI Features of Histologically Diagnosed Supratentorial Primitive Neuroectodermal Tumors and Pineoblastomas in Correlation with Molecular Diagnoses and Outcomes: A Report from the Children's Oncology Group ACNS0332 Trial. <i>American Journal of Neuroradiology</i> , 2019, 40, 1796-1803.	1.2	11
26	Notch Signaling between Cerebellar Granule Cell Progenitors. <i>ENeuro</i> , 2021, 8, ENEURO.0468-20.2021.	0.9	9
27	Downregulation of miR-326 and its host gene <i>Arrestin1</i> induces pro-survival activity of E2F1 and promotes medulloblastoma growth. <i>Molecular Oncology</i> , 2021, 15, 523-542.	2.1	8