

Jens Bunt

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,885
citations

394421

19
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

4157
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Genomics Identifies Five Medulloblastoma Subtypes with Distinct Genetic Profiles, Pathway Signatures and Clinicopathological Features. PLoS ONE, 2008, 3, e3088.	2.5	606
2	Decoding the regulatory landscape of medulloblastoma using DNA methylation sequencing. Nature, 2014, 510, 537-541.	27.8	378
3	OTX2 directly activates cell cycle genes and inhibits differentiation in medulloblastoma cells. International Journal of Cancer, 2012, 131, E21-32.	5.1	74
4	The convergent roles of the nuclear factor I transcription factors in development and cancer. Cancer Letters, 2017, 410, 124-138.	7.2	70
5	Mutations in DCC cause isolated agenesis of the corpus callosum with incomplete penetrance. Nature Genetics, 2017, 49, 511-514.	21.4	69
6	YAP1 subgroup supratentorial ependymoma requires TEAD and nuclear factor I-mediated transcriptional programmes for tumorigenesis. Nature Communications, 2019, 10, 3914.	12.8	65
7	Astroglial-Mediated Remodeling of the Interhemispheric Midline Is Required for the Formation of the Corpus Callosum. Cell Reports, 2016, 17, 735-747.	6.4	64
8	Transcriptional regulation of Nfix by NFIB drives astrocytic maturation within the developing spinal cord. Developmental Biology, 2017, 432, 286-297.	2.0	50
9	Regulation of Cell Cycle Genes and Induction of Senescence by Overexpression of OTX2 in Medulloblastoma Cell Lines. Molecular Cancer Research, 2010, 8, 1344-1357.	3.4	45
10	MicroRNA-153 Regulates the Acquisition of Gliogenic Competence by Neural Stem Cells. Stem Cell Reports, 2015, 5, 365-377.	4.8	45
11	OTX2 sustains a bivalent-like state of OTX2-bound promoters in medulloblastoma by maintaining their H3K27me3 levels. Acta Neuropathologica, 2013, 125, 385-394.	7.7	42
12	NFIB Haploinsufficiency Is Associated with Intellectual Disability and Macrocephaly. American Journal of Human Genetics, 2018, 103, 752-768.	6.2	40
13	Understanding the Uptake of Nanomedicines at Different Stages of Brain Cancer Using a Modular Nanocarrier Platform and Precision Bispecific Antibodies. ACS Central Science, 2020, 6, 727-738.	11.3	36
14	Differential neuronal and glial expression of nuclear factor I proteins in the cerebral cortex of adult mice. Journal of Comparative Neurology, 2017, 525, 2465-2483.	1.6	35
15	Nuclear factor one B (<i>NFIB</i>) encodes a subtype-specific tumour suppressor in glioblastoma. Oncotarget, 2016, 7, 29306-29320.	1.8	34
16	Identification of <i>CUX1</i> as the recurrent chromosomal band 7q22 target gene in human uterine leiomyoma. Genes Chromosomes and Cancer, 2013, 52, 11-23.	2.8	33
17	Variants in nuclear factor I genes influence growth and development. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2019, 181, 611-626.	1.6	32
18	Joint Binding of OTX2 and MYC in Promotor Regions Is Associated with High Gene Expression in Medulloblastoma. PLoS ONE, 2011, 6, e26058.	2.5	24

#	ARTICLE	IF	CITATIONS
19	EMX1 regulates NRP1-mediated wiring of the mouse anterior cingulate cortex. <i>Development</i> (Cambridge), 2015, 142, 3746-3757.	2.5	22
20	Combined allelic dosage of <i>Nfia</i> and <i>Nfib</i> regulates cortical development. <i>Brain and Neuroscience Advances</i> , 2017, 1, 239821281773943.	3.4	22
21	The oncogenic fusion landscape in pediatric CNS neoplasms. <i>Acta Neuropathologica</i> , 2022, 143, 427-451.	7.7	22
22	Transcription factors NFIA and NFIB induce cellular differentiation in high-grade astrocytoma. <i>Journal of Neuro-Oncology</i> , 2020, 146, 41-53.	2.9	18
23	Altered structural connectivity networks in a mouse model of complete and partial dysgenesis of the corpus callosum. <i>NeuroImage</i> , 2020, 217, 116868.	4.2	17
24	Understanding nanomedicine treatment in an aggressive spontaneous brain cancer model at the stage of early blood brain barrier disruption. <i>Biomaterials</i> , 2022, 283, 121416.	11.4	13
25	PAX6 does not regulate <i>Nfia</i> and <i>Nfib</i> expression during neocortical development. <i>Scientific Reports</i> , 2015, 5, 10668.	3.3	11
26	DRAXIN regulates interhemispheric fissure remodelling to influence the extent of corpus callosum formation. <i>ELife</i> , 2021, 10, .	6.0	10
27	NFIA and NFIB function as tumour suppressors in high-grade glioma in mice. <i>Carcinogenesis</i> , 2021, 42, 357-368.	2.8	7
28	PNR-12 GENOME-WIDE PROFILING OF EMBRYONAL TUMORS WITH MULTILAYERED ROSETTES (ETMR). <i>Neuro-Oncology</i> , 2016, 18, iii9.2-iii9.	1.2	0
29	Differential neuronal and glial expression of nuclear factor I proteins in the cerebral cortex of adult mice. <i>Journal of Comparative Neurology</i> , 2017, 525, spc1-spc1.	1.6	0
30	ETMR-13. NFI GENES IN ETMR TUMORIGENESIS AND NEURODEVELOPMENT. <i>Neuro-Oncology</i> , 2020, 22, iii325-iii325.	1.2	0