

Laszlo Bognar

List of Publications by Year in descending order

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53
papers

8,128
citations

201674

27
h-index

138484

58
g-index

58
all docs

58
docs citations

58
times ranked

10698
citing authors

#	ARTICLE	IF	CITATIONS
1	Driver mutations in histone H3.3 and chromatin remodelling genes in paediatric glioblastoma. <i>Nature</i> , 2012, 482, 226-231.	27.8	2,129
2	Hotspot Mutations in H3F3A and IDH1 Define Distinct Epigenetic and Biological Subgroups of Glioblastoma. <i>Cancer Cell</i> , 2012, 22, 425-437.	16.8	1,551
3	Subgroup-specific structural variation across 1,000 medulloblastoma genomes. <i>Nature</i> , 2012, 488, 49-56.	27.8	761
4	Subgroup-Specific Prognostic Implications of TP53 Mutation in Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2013, 31, 2927-2935.	1.6	381
5	Recurrent somatic mutations in ACVR1 in pediatric midline high-grade astrocytoma. <i>Nature Genetics</i> , 2014, 46, 462-466.	21.4	381
6	Cytogenetic Prognostication Within Medulloblastoma Subgroups. <i>Journal of Clinical Oncology</i> , 2014, 32, 886-896.	1.6	263
7	Mutations in SETD2 and genes affecting histone H3K36 methylation target hemispheric high-grade gliomas. <i>Acta Neuropathologica</i> , 2013, 125, 659-669.	7.7	250
8	MYB-QKI rearrangements in angiocentric glioma drive tumorigenicity through a tripartite mechanism. <i>Nature Genetics</i> , 2016, 48, 273-282.	21.4	214
9	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. <i>Cancer Cell</i> , 2016, 30, 891-908.	16.8	191
10	Molecular Profiling Identifies Prognostic Subgroups of Pediatric Glioblastoma and Shows Increased YB-1 Expression in Tumors. <i>Journal of Clinical Oncology</i> , 2007, 25, 1196-1208.	1.6	187
11	Fusion of TTYH1 with the C19MC microRNA cluster drives expression of a brain-specific DNMT3B isoform in the embryonal brain tumor ETMR. <i>Nature Genetics</i> , 2014, 46, 39-44.	21.4	167
12	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. <i>Journal of Clinical Oncology</i> , 2016, 34, 2468-2477.	1.6	160
13	Molecular subgroups of atypical teratoid rhabdoid tumours in children: an integrated genomic and clinicopathological analysis. <i>Lancet Oncology</i> , The, 2015, 16, 569-582.	10.7	147
14	TERT promoter mutations are highly recurrent in SHH subgroup medulloblastoma. <i>Acta Neuropathologica</i> , 2013, 126, 917-929.	7.7	146
15	Genetic Aberrations Leading to MAPK Pathway Activation Mediate Oncogene-Induced Senescence in Sporadic Pilocytic Astrocytomas. <i>Clinical Cancer Research</i> , 2011, 17, 4650-4660.	7.0	135
16	Recurrent noncoding U1 snRNA mutations drive cryptic splicing in SHH medulloblastoma. <i>Nature</i> , 2019, 574, 707-711.	27.8	129
17	Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. <i>Cell</i> , 2020, 183, 1617-1633.e22.	28.9	93
18	MYC family amplification and clinical risk-factors interact to predict an extremely poor prognosis in childhood medulloblastoma. <i>Acta Neuropathologica</i> , 2012, 123, 501-513.	7.7	87

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19	Genome-wide profiling using single-nucleotide polymorphism arrays identifies novel chromosomal imbalances in pediatric glioblastomas. <i>Neuro-Oncology</i> , 2010, 12, 153-163.	1.2	72
20	Gene Expression Profiling from Formalin-Fixed Paraffin-Embedded Tumors of Pediatric Glioblastoma. <i>Clinical Cancer Research</i> , 2007, 13, 6284-6292.	7.0	58
21	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021, 12, 1749.	12.8	47
22	Auditory Early- and Middle-Latency Evoked Potentials in Patients with Quadrigeminal Plate Tumors. <i>Neurosurgery</i> , 1994, 35, 45-51.	1.1	46
23	Brevican, Neurocan, Tenascin-C and Versican are Mainly Responsible for the Invasiveness of Low-Grade Astrocytoma. <i>Pathology and Oncology Research</i> , 2012, 18, 413-420.	1.9	44
24	Pathophysiology of meningioma growth in pregnancy. <i>Open Medicine (Poland)</i> , 2017, 12, 195-200.	1.3	44
25	Preponderance of sonic hedgehog pathway activation characterizes adult medulloblastoma. <i>Acta Neuropathologica</i> , 2011, 121, 229-239.	7.7	39
26	WNT activation by lithium abrogates TP53 mutation associated radiation resistance in medulloblastoma. <i>Acta Neuropathologica Communications</i> , 2014, 2, 174.	5.2	37
27	Auditory evoked potentials in a patient with a unilateral lesion of the inferior colliculus and medial geniculate body. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1995, 96, 261-267.	2.0	36
28	Significance of liquid biopsy in glioblastoma – A review. <i>Journal of Biotechnology</i> , 2019, 298, 82-87.	3.8	28
29	Epigenetics of Meningiomas. <i>BioMed Research International</i> , 2015, 2015, 1-6.	1.9	25
30	Eye Brow Surgery: The Supraciliary Craniotomy: Technical Note. <i>Operative Neurosurgery</i> , 2006, 59, ONS-E157-ONS-E158.	0.8	23
31	Assessment of candidate immunohistochemical prognostic markers of meningioma recurrence. <i>Folia Neuropathologica</i> , 2016, 2, 114-126.	1.2	23
32	Extracellular matrix differences in glioblastoma patients with different prognoses. <i>Oncology Letters</i> , 2018, 17, 797-806.	1.8	21
33	Evaluation of the good tumor response of embryonal tumor with abundant neuropil and true rosettes (ETANTR). <i>Journal of Neuro-Oncology</i> , 2016, 126, 99-105.	2.9	15
34	Prognostic Role of the Expression of Invasion-Related Molecules in Glioblastoma. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2017, 78, 12-19.	0.8	14
35	Elevated Pro-Inflammatory Cell-Free MicroRNA Levels in Cerebrospinal Fluid of Premature Infants after Intraventricular Hemorrhage. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6870.	4.1	14
36	Non-random aneuploidy specifies subgroups of pilocytic astrocytoma and correlates with older age. <i>Oncotarget</i> , 2015, 6, 31844-31856.	1.8	14

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37	Split laminotomy in pediatric neurosurgery. <i>Child's Nervous System</i> , 2004, 20, 110-113.	1.1	13
38	The Role of Hemoglobin Oxidation Products in Triggering Inflammatory Response Upon Intraventricular Hemorrhage in Premature Infants. <i>Frontiers in Immunology</i> , 2020, 11, 228.	4.8	13
39	A superciliary approach for anterior cranial fossa lesions in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2005, 103, 88-93.	1.3	11
40	The pre-requisite of a second-generation glioma PET biomarker. <i>Journal of the Neurological Sciences</i> , 2010, 298, 11-16.	0.6	11
41	Expression pattern of invasion-related molecules in the peritumoral brain. <i>Clinical Neurology and Neurosurgery</i> , 2015, 139, 138-143.	1.4	11
42	Clinical and genetic characteristics of craniosynostosis in Hungary. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 2985-2991.	1.2	10
43	Tumor Grade versus Expression of Invasion-Related Molecules in Astrocytoma. <i>Pathology and Oncology Research</i> , 2018, 24, 35-43.	1.9	10
44	Formation and Detection of Highly Oxidized Hemoglobin Forms in Biological Fluids during Hemolytic Conditions. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	4.0	10
45	Expression and Prognostic Examination of Heat Shock Proteins (HSP 27, HSP 70, and HSP 90) in Medulloblastoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2006, 28, 461-466.	0.6	9
46	Population based ranking of frameless CT-MRI registration methods. <i>Zeitschrift Fur Medizinische Physik</i> , 2015, 25, 353-367.	1.5	8
47	High incidence of brain tumors of childhood in Hungary between 1989 and 2001. <i>Medical and Pediatric Oncology</i> , 2003, 41, 590-591.	1.0	5
48	D-wave recording during the surgery of a 10-month-old child. <i>Child's Nervous System</i> , 2014, 30, 2135-2138.	1.1	4
49	Differences in Extracellular Matrix Composition and its Role in Invasion in Primary and Secondary Intracerebral Malignancies. <i>Anticancer Research</i> , 2017, 37, 4119-4126.	1.1	4
50	Novel Surgical Approach in the Management of Longitudinal Pathologies Within the Spinal Canal: The Split Laminotomy and "Archbone" Technique: Alternative to Multilevel Laminectomy or Laminotomy. <i>Advances and Technical Standards in Neurosurgery</i> , 2014, 41, 47-70.	0.5	3
51	Effect of Concomitant Radiochemotherapy on Invasion Potential of Glioblastoma. <i>Pathology and Oncology Research</i> , 2016, 22, 155-160.	1.9	2
52	Efficacy of pre-operative cephalosporin prophylaxis in controlling pathogenic oral bacteria growth in comatose patients. <i>Journal of Medical Microbiology</i> , 2008, 57, 128-129.	1.8	1
53	The Expressional Pattern of Invasion-Related Extracellular Matrix Molecules in CNS Tumors. <i>Cancer Investigation</i> , 2018, 36, 492-503.	1.3	1