

# Pankaj Pathak

## List of Publications by Year in descending order

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56  
papers

1,251  
citations

304743

22  
h-index

377865

34  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutational Spectrum of CAPN3 with Genotype-Phenotype Correlations in Limb Girdle Muscular Dystrophy Type 2A/R1 (LGMD2A/LGMDR1) Patients in India. <i>Journal of Neuromuscular Diseases</i> , 2021, 8, 125-136.	2.6	3
2	Myopathy associated LDB3 mutation causes Z-disc disassembly and protein aggregation through PKC $\delta$ and TSC2-mTOR downregulation. <i>Communications Biology</i> , 2021, 4, 355.	4.4	18
3	mTOR pathway activation in focal cortical dysplasia. <i>Annals of Diagnostic Pathology</i> , 2020, 46, 151523.	1.3	10
4	P.84 Impaired cargo-selective autophagy due to altered signaling causes the Z-disc myofibrillar disintegration in myofibrillar myopathy due to LDB3-A165V mutation in a knock-in mouse model. <i>Neuromuscular Disorders</i> , 2019, 29, S65.	0.6	0
5	P14.117 Cost efficient test algorithm for molecular subgrouping of medulloblastomas for day-to-day practice in resource limited countries. <i>Neuro-Oncology</i> , 2019, 21, iii96-iii96.	1.2	0
6	Approach to molecular subgrouping of medulloblastomas: Comparison of NanoString nCounter assay versus combination of immunohistochemistry and fluorescence in-situ hybridization in resource constrained centres. <i>Journal of Neuro-Oncology</i> , 2019, 143, 393-403.	2.9	16
7	Loss of SMARCB1/INI1 Immunoreexpression in Chordoid Meningiomas. <i>Neurology India</i> , 2019, 67, 1492.	0.4	1
8	C11orf95-RELA fusions and upregulated NF-KB signalling characterise a subset of aggressive supratentorial ependymomas that express L1CAM and nestin. <i>Journal of Neuro-Oncology</i> , 2018, 138, 29-39.	2.9	41
9	Immunohistochemical and molecular genetic study on epithelioid glioblastoma: Series of seven cases with review of literature. <i>Pathology Research and Practice</i> , 2018, 214, 679-685.	2.3	22
10	Clinicopathological and molecular characteristics of pediatric meningiomas. <i>Neuropathology</i> , 2018, 38, 22-33.	1.2	18
11	MBRS-55. MOLECULAR CLASSIFICATION OF MEDULLOBLASTOMAS: NANOSTRING nCOUNTER ASSAY VS A COMBINATION OF IMMUNOHISTOCHEMISTRY AND FLUORESCENCE IN-SITU HYBRIDISATION. <i>Neuro-Oncology</i> , 2018, 20, i140-i140.	1.2	0
12	Identification of miR-379/miR-656 (C14MC) cluster downregulation and associated epigenetic and transcription regulatory mechanism in oligodendrogliomas. <i>Journal of Neuro-Oncology</i> , 2018, 139, 23-31.	2.9	17
13	Epithelial-to-mesenchymal transition related transcription factors are up-regulated in ependymomas and correlate with a poor prognosis. <i>Human Pathology</i> , 2018, 82, 149-157.	2.0	19
14	Genome-wide ChIP-seq analysis of EZH2-mediated H3K27me3 target gene profile highlights differences between low- and high-grade astrocytic tumors. <i>Carcinogenesis</i> , 2017, 38, bgw126.	2.8	37
15	ATRX in Diffuse Gliomas With its Mosaic/Heterogeneous Expression in a Subset. <i>Brain Pathology</i> , 2017, 27, 138-145.	4.1	16
16	Study of $\beta$ -catenin and BRAF alterations in adamantinomatous and papillary craniopharyngiomas: mutation analysis with immunohistochemical correlation in 54 cases. <i>Journal of Neuro-Oncology</i> , 2017, 133, 487-495.	2.9	19
17	miR-217 casein kinase-2 cross talk regulates ERK activation in ganglioglioma. <i>Journal of Molecular Medicine</i> , 2017, 95, 1215-1226.	3.9	8
18	Telomerase reverse transcriptase (TERT) enhancer of zeste homolog 2 (EZH2) network regulates lipid metabolism and DNA damage responses in glioblastoma. <i>Journal of Neurochemistry</i> , 2017, 143, 671-683.	3.9	52

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19	Downregulation of SMARCB1/INI1 expression in pediatric chordomas correlates with upregulation of miR-671-5p and miR-193a-5p expressions. <i>Brain Tumor Pathology</i> , 2017, 34, 155-159.	1.7	26
20	Pediatric High Grade Glioma. <i>Current Cancer Research</i> , 2017, , 241-266.	0.2	1
21	Genetic alterations related to <sc>BRAF</sc> <sc>FGFR</sc> genes and dysregulated <sc>MAPK/ERK</sc>/<sc>mTOR</sc> signaling in adult pilocytic astrocytoma. <i>Brain Pathology</i> , 2017, 27, 580-589.	4.1	26
22	134 Clinicopathological and Molecular Characteristics of Pediatric Versus Adult Meningiomas. <i>Neurosurgery</i> , 2017, 64, 230-231.	1.1	0
23	BRAF gene alterations and enhanced mammalian target of rapamycin signaling in gangliogliomas. <i>Neurology India</i> , 2017, 65, 1076.	0.4	4
24	EPN-13 EPITHELIAL-TO-MESENCHYMAL TRANSITIONS IN CHILDHOOD EPENDYMOMAS MECHANISTICALLY LINKS ONCOGENIC C11orf95-RELA FUSION DRIVEN ACTIVATION OF SNAI1/SNAI1. <i>Neuro-Oncology</i> , 2016, 18, iii33.1-iii33.	1.2	1
25	<i>C11orf95</i>-RELA fusion present in a primary intracranial extra-axial ependymoma: Report of a case with literature review. <i>Neuropathology</i> , 2016, 36, 490-495.	1.2	15
26	Alterations in BRAF gene, and enhanced mTOR and MAPK signaling in dysembryoplastic neuroepithelial tumors (DNTs). <i>Epilepsy Research</i> , 2016, 127, 141-151.	1.6	26
27	Prognostic Stratification of GBMs Using Combinatorial Assessment of IDH1 Mutation, MGMT Promoter Methylation, and TERT Mutation Status: Experience from a Tertiary Care Center in India. <i>Translational Oncology</i> , 2016, 9, 371-376.	3.7	11
28	EPN-03 C11orf95-RELA FUSION POSITIVE PEDIATRIC SUPRATENTORIAL EPENDYMOMAS ARE AN AGGRESSIVE SUBSET WITH INCREASED EXPRESSION OF STEM CELL MARKER NESTIN AND VASCULAR ENDOTHELIAL DERIVED GROWTH FACTOR. <i>Neuro-Oncology</i> , 2016, 18, iii30.3-iii31.	1.2	0
29	Analysis of EZH2: micro-RNA network in low and high grade astrocytic tumors. <i>Brain Tumor Pathology</i> , 2016, 33, 117-128.	1.7	15
30	Expression of DNA methyltransferases 1 and 3B correlates with EZH2 and this 3-marker epigenetic signature predicts outcome in glioblastomas. <i>Experimental and Molecular Pathology</i> , 2016, 100, 312-320.	2.1	23
31	A simplified approach for molecular classification of glioblastomas (GBMs): experience from a tertiary care center in India. <i>Brain Tumor Pathology</i> , 2016, 33, 183-190.	1.7	7
32	Role of mTOR signaling pathway in the pathogenesis of subependymal giant cell astrocytoma – A study of 28 cases. <i>Neurology India</i> , 2016, 64, 988.	0.4	7
33	EPIG-08 DOWNREGULATION OF miR-379/miR-656 CLUSTER (C14MC) IN OLIGODENDROGLIOMAS WITH POSSIBLE MECHANISTIC AND CLINICOPATHOLOGICAL IMPLICATIONS. <i>Neuro-Oncology</i> , 2015, 17, v87.4-v88.	1.2	0
34	Genome-wide small noncoding <sc>RNA</sc> profiling of pediatric high-grade gliomas reveals deregulation of several mi<sc>RNA</sc>s, identifies downregulation of sno<sc>RNA</sc> cluster <sc>HBII</sc>-52 and delineates <sc>H3F3A</sc> and TP53 mutant-specific mi<sc>RNA</sc>s and sno<sc>RNA</sc>s. <i>International Journal of Cancer</i> , 2015, 137, 2343-2353.	5.1	36
35	GENO-31 MOLECULAR GENETIC PROFILE OF ADULT PILOCYTIC ASTROCYTOMA: BRAF-FGFR GENOMIC ALTERATIONS AND ACTIVATION OF MAPK/ERK/mTOR PATHWAY. <i>Neuro-Oncology</i> , 2015, 17, v98.3-v98.	1.2	0
36	Oncogenic KIAA1549-BRAF fusion with activation of the MAPK/ERK pathway in pediatric oligodendrogliomas. <i>Cancer Genetics</i> , 2015, 208, 91-95.	0.4	29

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37	Altered global histone-trimethylation code and H3F3A-ATRX mutation in pediatric GBM. <i>Journal of Neuro-Oncology</i> , 2015, 121, 489-497.	2.9	49
38	1p/14q co-deletion: A determinant of recurrence in histologically benign meningiomas. <i>Indian Journal of Pathology and Microbiology</i> , 2015, 58, 433.	0.2	5
39	Prognostic value of MIB-1, p53, epidermal growth factor receptor, and INI1 in childhood chordomas. <i>Neuro-Oncology</i> , 2014, 16, 372-381.	1.2	56
40	Genome-wide methylation profiling identifies an essential role of reactive oxygen species in pediatric glioblastoma multiforme and validates a methylome specific for H3 histone family 3A with absence of G-CIMP/isocitrate dehydrogenase 1 mutation. <i>Neuro-Oncology</i> , 2014, 16, 1607-1617.	1.2	32
41	Comparative study of IDH1 mutations in gliomas by immunohistochemistry and DNA sequencing. <i>Neuro-Oncology</i> , 2013, 15, 718-726.	1.2	101
42	A clinicopathological and molecular analysis of glioblastoma multiforme with long-term survival. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 66-70.	1.5	59
43	Progressive weakness in a 12-year-old boy. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1686.	1.5	0
44	Progressive weakness in a 12-year-old boy. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 1751.	1.5	0
45	TP53 polymorphisms in gliomas from Indian patients: Study of codon 72 genotype, rs1642785, rs1800370 and 16 base pair insertion in intron-3. <i>Experimental and Molecular Pathology</i> , 2011, 90, 167-172.	2.1	24
46	IDH1 mutations in gliomas: First series from a tertiary care centre in India with comprehensive review of literature. <i>Experimental and Molecular Pathology</i> , 2011, 91, 385-393.	2.1	34
47	Th3 Immune responses in the progression of leprosy via molecular cross-talks of TGF- $\beta$ 2, CTLA-4 and Cbl-b. <i>Clinical Immunology</i> , 2011, 141, 133-142.	3.2	47
48	Molecular profile of oligodendrogliomas in young patients. <i>Neuro-Oncology</i> , 2011, 13, 1099-1106.	1.2	43
49	Detection of Allelic Status of 1p and 19q by Microsatellite-based PCR Versus FISH. <i>Diagnostic Molecular Pathology</i> , 2011, 20, 40-47.	2.1	28
50	Characterization of Molecular Genetic Alterations in GBMs Highlights a Distinctive Molecular Profile in Young Adults. <i>Diagnostic Molecular Pathology</i> , 2011, 20, 225-232.	2.1	43
51	Loss of heterozygosity on chromosome 10q in glioblastomas, and its association with other genetic alterations and survival in Indian patients. <i>Neurology India</i> , 2011, 59, 254.	0.4	20
52	O 6-Methylguanine DNA Methyltransferase Gene Promoter Methylation Status in Gliomas and Its Correlation With Other Molecular Alterations: First Indian Report With Review of Challenges for Use in Customized Treatment. <i>Neurosurgery</i> , 2010, 67, 1681-1691.	1.1	40
53	Heterozygosity status of 1p and 19q and its correlation with p53 protein expression and EGFR amplification in patients with astrocytic tumors: novel series from India. <i>Cancer Genetics and Cytogenetics</i> , 2010, 198, 126-134.	1.0	9
54	Limb girdle muscular dystrophy type 2A in India: A study based on semi-quantitative protein analysis, with clinical and histopathological correlation. <i>Neurology India</i> , 2010, 58, 549.	0.4	37

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55	Assessment of 1p/19q status by fluorescence in situ hybridization assay: A comparative study in oligodendroglial, mixed oligoastrocytic and astrocytic tumors. Neurology India, 2009, 57, 559.	0.4	9
56	Pediatric glioblastomas: A histopathological and molecular genetic study. Neuro-Oncology, 2009, 11, 274-280.	1.2	91