

Nalin Gupta

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2174163/nalin-gupta-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

84
papers

5,748
citations

35
h-index

75
g-index

92
ext. papers

7,215
ext. citations

8.8
avg, IF

5.18
L-index

#	Paper	IF	Citations
84	A randomized trial of prenatal versus postnatal repair of myelomeningocele. <i>New England Journal of Medicine</i> , 2011 , 364, 993-1004	59.2	1368
83	Molecular Classification of Ependymal Tumors across All CNS Compartments, Histopathological Grades, and Age Groups. <i>Cancer Cell</i> , 2015 , 27, 728-43	24.3	672
82	Pharmacologic inhibition of histone demethylation as a therapy for pediatric brainstem glioma. <i>Nature Medicine</i> , 2014 , 20, 1394-6	50.5	317
81	Recurrent somatic mutations in ACVR1 in pediatric midline high-grade astrocytoma. <i>Nature Genetics</i> , 2014 , 46, 462-6	36.3	296
80	Diffuse Midline Gliomas with Histone H3-K27M Mutation: A Series of 47 Cases Assessing the Spectrum of Morphologic Variation and Associated Genetic Alterations. <i>Brain Pathology</i> , 2016 , 26, 569-80	6	243
79	Neural stem cell engraftment and myelination in the human brain. <i>Science Translational Medicine</i> , 2012 , 4, 155ra137	17.5	208
78	Prognostic value of medulloblastoma extent of resection after accounting for molecular subgroup: a retrospective integrated clinical and molecular analysis. <i>Lancet Oncology</i> , 2016 , 17, 484-495	21.7	187
77	CCR2 antagonism alters brain macrophage polarization and ameliorates cognitive dysfunction induced by traumatic brain injury. <i>Journal of Neuroscience</i> , 2015 , 35, 748-60	6.6	161
76	Prenatal surgery for myelomeningocele and the need for cerebrospinal fluid shunt placement. <i>Journal of Neurosurgery: Pediatrics</i> , 2015 , 16, 613-20	2.1	149
75	Pediatric high-grade glioma: biologically and clinically in need of new thinking. <i>Neuro-Oncology</i> , 2017 , 19, 153-161	1	125
74	Targeted next-generation sequencing of pediatric neuro-oncology patients improves diagnosis, identifies pathogenic germline mutations, and directs targeted therapy. <i>Neuro-Oncology</i> , 2017 , 19, 699-709	7	118
73	In utero repair of myelomeningocele: experimental pathophysiology, initial clinical experience, and outcomes. <i>Archives of Surgery</i> , 2003 , 138, 872-8		115
72	The Management of Myelomeningocele Study: full cohort 30-month pediatric outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2018 , 218, 256.e1-256.e13	6.4	96
71	DIPG-73. SENESCENCE ASSOCIATED SECRETORY PHENOTYPE AS A MECHANISM OF RESISTANCE AND THERAPEUTIC VULNERABILITY IN BMI1 INHIBITOR TREATED DIPG. <i>Neuro-Oncology</i> , 2020 , 22, iii301-iii301	1	78
70	ETMR-22. TITLE: DEFINING THE CLINICAL AND PROGNOSTIC LANDSCAPE OF EMBRYONAL TUMORS WITH MULTI-LAYERED ROSETTES (ETMRs), A RARE BRAIN TUMOR REGISTRY (RBTC) STUDY. <i>Neuro-Oncology</i> , 2020 , 22, iii327-iii328	1	78
69	RARE-30. PEDIATRIC GLIOBLASTOMA IN THE POST-TEMOZOLOMIDE ERA: OUTCOMES AND CHARACTERISTICS. <i>Neuro-Oncology</i> , 2019 , 21, vi227-vi228	1	78
68	EXTH-08. REPLACEMENT OF MICROGLIA BY BRAIN-ENGRAFTED MACROPHAGES PREVENTS MEMORY DEFICITS AFTER THERAPEUTIC WHOLE-BRAIN IRRADIATION. <i>Neuro-Oncology</i> , 2019 , 21, vi83-vi84	1	78

67	The genetic landscape of ganglioglioma. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 47	7.3	75
66	Bioluminescence monitoring of intracranial glioblastoma xenograft: response to primary and salvage temozolomide therapy. <i>Journal of Neurosurgery</i> , 2007 , 107, 610-6	3.2	70
65	Cranial irradiation alters the brain's microenvironment and permits CCR2+ macrophage infiltration. <i>PLoS ONE</i> , 2014 , 9, e93650	3.7	68
64	Clinically Relevant and Minimally Invasive Tumor Surveillance of Pediatric Diffuse Midline Gliomas Using Patient-Derived Liquid Biopsy. <i>Clinical Cancer Research</i> , 2018 , 24, 5850-5859	12.9	62
63	The genetic landscape of anaplastic pleomorphic xanthoastrocytoma. <i>Brain Pathology</i> , 2019 , 29, 85-96	6	54
62	Characterization of a diffuse intrinsic pontine glioma cell line: implications for future investigations and treatment. <i>Journal of Neuro-Oncology</i> , 2012 , 110, 305-13	4.8	53
61	Age exacerbates the CCR2/5-mediated neuroinflammatory response to traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2016 , 13, 80	10.1	51
60	A human brainstem glioma xenograft model enabled for bioluminescence imaging. <i>Journal of Neuro-Oncology</i> , 2010 , 96, 151-9	4.8	49
59	A pilot precision medicine trial for children with diffuse intrinsic pontine glioma-PNOC003: A report from the Pacific Pediatric Neuro-Oncology Consortium. <i>International Journal of Cancer</i> , 2019 , 145, 1889-1901	7.5	45
58	Integrated Proteogenomic Characterization across Major Histological Types of Pediatric Brain Cancer. <i>Cell</i> , 2020 , 183, 1962-1985.e31	56.2	45
57	An experimental xenograft mouse model of diffuse pontine glioma designed for therapeutic testing. <i>Journal of Neuro-Oncology</i> , 2012 , 108, 29-35	4.8	43
56	Prenatal Repair of Myelomeningocele and School-age Functional Outcomes. <i>Pediatrics</i> , 2020 , 145,	7.4	42
55	Colony-stimulating factor 1 receptor blockade prevents fractionated whole-brain irradiation-induced memory deficits. <i>Journal of Neuroinflammation</i> , 2016 , 13, 215	10.1	42
54	A C19MC-LIN28A-MYCN Oncogenic Circuit Driven by Hijacked Super-enhancers Is a Distinct Therapeutic Vulnerability in ETMRs: A Lethal Brain Tumor. <i>Cancer Cell</i> , 2019 , 36, 51-67.e7	24.3	39
53	Deep arteriovenous malformations in the basal ganglia, thalamus, and insula: multimodality management, patient selection, and results. <i>World Neurosurgery</i> , 2014 , 82, 386-94	2.1	39
52	Long-term outcomes in patients with treated childhood hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2007 , 106, 334-9	2.1	39
51	Choroid plexus tumors in children. <i>Neurosurgery Clinics of North America</i> , 2003 , 14, 621-31	4	39
50	CRISPRi-based radiation modifier screen identifies long non-coding RNA therapeutic targets in glioma. <i>Genome Biology</i> , 2020 , 21, 83	18.3	39

49	The genetic landscape of gliomas arising after therapeutic radiation. <i>Acta Neuropathologica</i> , 2019 , 137, 139-150	14.3	32
48	High-grade neuroepithelial tumor with BCOR exon 15 internal tandem duplication-a comprehensive clinical, radiographic, pathologic, and genomic analysis. <i>Brain Pathology</i> , 2020 , 30, 46-62 ⁶		29
47	Recurrent KBTBD4 small in-frame insertions and absence of DROSHA deletion or DICER1 mutation differentiate pineal parenchymal tumor of intermediate differentiation (PPTID) from pineoblastoma. <i>Acta Neuropathologica</i> , 2019 , 137, 851-854	14.3	25
46	Long-Term Safety, Immunologic Response, and Imaging Outcomes following Neural Stem Cell Transplantation for Pelizaeus-Merzbacher Disease. <i>Stem Cell Reports</i> , 2019 , 13, 254-261	8	25
45	Reirradiation and PD-1 inhibition with nivolumab for the treatment of recurrent diffuse intrinsic pontine glioma: a single-institution experience. <i>Journal of Neuro-Oncology</i> , 2018 , 140, 629-638	4.8	22
44	Rescue of cognitive function following fractionated brain irradiation in a novel preclinical glioma model. <i>ELife</i> , 2018 , 7,	8.9	19
43	Central Adaptation following Brachial Plexus Injury. <i>World Neurosurgery</i> , 2016 , 85, 325-32	2.1	18
42	Gene therapy for aromatic L-amino acid decarboxylase deficiency by MR-guided direct delivery of AAV2-AAADC to midbrain dopaminergic neurons. <i>Nature Communications</i> , 2021 , 12, 4251	17.4	18
41	IDH1 mutation can be present in diffuse astrocytomas and giant cell glioblastomas of young children under 10 years of age. <i>Acta Neuropathologica</i> , 2016 , 132, 153-5	14.3	18
40	Comprehensive analysis of diverse low-grade neuroepithelial tumors with FGFR1 alterations reveals a distinct molecular signature of rosette-forming glioneuronal tumor. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 151	7.3	17
39	Deep sequencing of WNT-activated medulloblastomas reveals secondary SHH pathway activation. <i>Acta Neuropathologica</i> , 2018 , 135, 635-638	14.3	16
38	Pediatric bithalamic gliomas have a distinct epigenetic signature and frequent EGFR exon 20 insertions resulting in potential sensitivity to targeted kinase inhibition. <i>Acta Neuropathologica</i> , 2020 , 139, 1071-1088	14.3	16
37	Interventional magnetic resonance imaging-guided cell transplantation into the brain with radially branched deployment. <i>Molecular Therapy</i> , 2015 , 23, 119-29	11.7	15
36	Angiocentric glioma with MYB-QKI fusion located in the brainstem, rather than cerebral cortex. <i>Acta Neuropathologica</i> , 2017 , 134, 671-673	14.3	15
35	Management of central nervous system teratoma. <i>Journal of Clinical Neuroscience</i> , 2015 , 22, 98-104	2.2	14
34	Open fetal surgery for myelomeningocele. <i>Journal of Neurosurgery: Pediatrics</i> , 2012 , 9, 265-73	2.1	14
33	Brain Arteriovenous Malformation Recurrence After Apparent Microsurgical Cure: Increased Risk in Children Who Present With Arteriovenous Malformation Rupture. <i>Stroke</i> , 2020 , 51, 2990-2996	6.7	13
32	New therapeutic approaches for brainstem tumors: a comparison of delivery routes using nanoliposomal irinotecan in an animal model. <i>Journal of Neuro-Oncology</i> , 2018 , 136, 475-484	4.8	13

31	Recurrent non-canonical histone H3 mutations in spinal cord diffuse gliomas. <i>Acta Neuropathologica</i> , 2019 , 138, 877-881	14.3	12
30	Metastatic Diffuse Intrinsic Pontine Glioma to the Peritoneal Cavity Via Ventriculoperitoneal Shunt: Case Report and Literature Review. <i>Journal of Neurological Surgery Reports</i> , 2015 , 76, e91-6	1.1	12
29	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. <i>Cell Reports Medicine</i> , 2020 , 1,	18	11
28	A modification of the Mayfield horseshoe headrest allowing pin fixation and cranial immobilization in infants and young children. <i>Operative Neurosurgery</i> , 2006 , 58, ONS-E181; discussion ONS-E181	1.6	11
27	MR Imaging Correlates for Molecular and Mutational Analyses in Children with Diffuse Intrinsic Pontine Glioma. <i>American Journal of Neuroradiology</i> , 2020 , 41, 874-881	4.4	10
26	Senescence Induced by BMI1 Inhibition Is a Therapeutic Vulnerability in H3K27M-Mutant DIPG. <i>Cell Reports</i> , 2020 , 33, 108286	10.6	10
25	Prenatal Repair and Physical Functioning Among Children With Myelomeningocele: A Secondary Analysis of a Randomized Clinical Trial. <i>JAMA Pediatrics</i> , 2021 , 175, e205674	8.3	9
24	Patient-derived Tumor Models for Diffuse Intrinsic Pontine Gliomas. <i>Current Neuropharmacology</i> , 2017 , 15, 98-103	7.6	7
23	Experiences of Parents Caring for Infants with Rare Scalp Mass as Identified through a Disease-Specific Blog. <i>Journal of the American Board of Family Medicine</i> , 2015 , 28, 750-8	1.6	6
22	A single-cell atlas of the normal and malformed human brain vasculature.. <i>Science</i> , 2022 , 375, eabi7377	33.3	6
21	Single-center series of boys with recurrent strokes and rotational vertebral arteriopathy. <i>Neurology</i> , 2020 , 95, e1830-e1834	6.5	6
20	Gliomas arising in the setting of Li-Fraumeni syndrome stratify into two molecular subgroups with divergent clinicopathologic features. <i>Acta Neuropathologica</i> , 2020 , 139, 953-957	14.3	5
19	Surgical techniques for open fetal repair of myelomeningocele. <i>Childs Nervous System</i> , 2017 , 33, 1143-1148	14.8	4
18	High-Flow Vascular Malformations in Children. <i>Seminars in Neurology</i> , 2020 , 40, 303-314	3.2	4
17	Perilesional edema associated with an intracranial calcifying pseudoneoplasm of the neuraxis in a child: case report and review of imaging features. <i>Journal of Neurosurgery: Pediatrics</i> , 2018 , 22, 528-531	2.1	4
16	Clinical outcomes after revascularization for pediatric moyamoya disease and syndrome: A single-center series. <i>Journal of Clinical Neuroscience</i> , 2020 , 79, 137-143	2.2	4
15	Meningiomas in children. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020 , 169, 253-259	3	2
14	Subgroup and subtype-specific outcomes in adult medulloblastoma. <i>Acta Neuropathologica</i> , 2021 , 142, 859-871	14.3	2

13	Factors associated with seizures at initial presentation in pediatric patients with cerebral arteriovenous malformations. <i>Journal of Neurosurgery: Pediatrics</i> , 2021 , 1-6	2.1	2
12	DIPG-40. PNOC-003: PRECISION MEDICINE TRIAL FOR CHILDREN WITH DIFFUSE INTRINSIC PONTINE GLIOMA. <i>Neuro-Oncology</i> , 2017 , 19, iv14-iv14	1	1
11	Embryology of Spinal Dysraphism and its Relationship to Surgical Treatment. <i>Canadian Journal of Neurological Sciences</i> , 2020 , 47, 736-746	1	1
10	Functional role of brain-engrafted macrophages against brain injuries. <i>Journal of Neuroinflammation</i> , 2021 , 18, 232	10.1	1
9	Brain-engrafted macrophages provide protection against therapeutic irradiation and secondary concussive injury		1
8	A middle cerebral artery ischemic stroke occurring in a child with a large prolactinoma. <i>Childs Nervous System</i> , 2020 , 36, 853-856	1.7	1
7	Diffuse hemispheric glioma, H3 G34-mutant: Genomic landscape of a new tumor entity and prospects for targeted therapy. <i>Neuro-Oncology</i> , 2021 , 23, 1974-1976	1	1
6	A Type II Split Cord Malformation in an Adult Patient: An Operative Case Report. <i>Operative Neurosurgery</i> , 2021 , 20, E148-E151	1.6	0
5	Occult Brain Arteriovenous Malformation Superimposed on a Pial Arteriovenous Fistula: Case Report. <i>Pediatric Neurosurgery</i> , 2021 , 56, 549-554	0.9	0
4	Pediatric moyamoya MRI score: an imaging-based scale to predict outcomes in surgically treated pediatric patients with moyamoya. <i>Neurosurgical Focus</i> , 2021 , 51, E8	4.2	0
3	Validation of the Ruptured Arteriovenous Malformation Grading Scale in a pediatric cohort.. <i>Journal of Neurosurgery: Pediatrics</i> , 2022 , 1-5	2.1	0
2	Pathologic Findings Associated With a Case of Acute Flaccid Myelitis. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 , 80, 484-487	3.1	
1	Socioeconomic factors associated with pediatric moyamoya disease hospitalizations: a nationwide cross-sectional study.. <i>Journal of Neurosurgery: Pediatrics</i> , 2022 , 1-10	2.1	