

Nicholas G Gottardo

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

5,681
citations

185998

28
h-index

85405

71
g-index

101
all docs

101
docs citations

101
times ranked

9360
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018, 555, 469-474.	13.7	1,872
2	Challenges to curing primary brain tumours. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 509-520.	12.5	540
3	Gene expression levels assessed by oligonucleotide microarray analysis and quantitative real-time RT-PCR – how well do they correlate?. <i>BMC Genomics</i> , 2005, 6, 59.	1.2	279
4	Clinical, Radiologic, Pathologic, and Molecular Characteristics of Long-Term Survivors of Diffuse Intrinsic Pontine Glioma (DIPG): A Collaborative Report From the International and European Society for Pediatric Oncology DIPG Registries. <i>Journal of Clinical Oncology</i> , 2018, 36, 1963-1972.	0.8	250
5	Whole genome, transcriptome and methylome profiling enhances actionable target discovery in high-risk pediatric cancer. <i>Nature Medicine</i> , 2020, 26, 1742-1753.	15.2	185
6	Recurrent MET fusion genes represent a drug target in pediatric glioblastoma. <i>Nature Medicine</i> , 2016, 22, 1314-1320.	15.2	183
7	Pediatric Brain Tumors: Innovative Genomic Information Is Transforming the Diagnostic and Clinical Landscape. <i>Journal of Clinical Oncology</i> , 2015, 33, 2986-2998.	0.8	175
8	SMARCA4-mutated atypical teratoid/rhabdoid tumors are associated with inherited germline alterations and poor prognosis. <i>Acta Neuropathologica</i> , 2014, 128, 453-456.	3.9	155
9	Meningiomas in children and adolescents: a meta-analysis of individual patient data. <i>Lancet Oncology</i> , 2011, 12, 1229-1239.	5.1	138
10	Germ-line and somatic DICER1 mutations in pineoblastoma. <i>Acta Neuropathologica</i> , 2014, 128, 583-595.	3.9	137
11	A Phase I Study of the CDK4/6 Inhibitor Ribociclib (LEE011) in Pediatric Patients with Malignant Rhabdoid Tumors, Neuroblastoma, and Other Solid Tumors. <i>Clinical Cancer Research</i> , 2017, 23, 2433-2441.	3.2	134
12	Irreversible growth plate fusions in children with medulloblastoma treated with a targeted hedgehog pathway inhibitor. <i>Oncotarget</i> , 2017, 8, 69295-69302.	0.8	99
13	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. <i>Nature</i> , 2020, 580, 396-401.	13.7	94
14	Contemporary survival endpoints: an International Diffuse Intrinsic Pontine Glioma Registry study. <i>Neuro-Oncology</i> , 2017, 19, 1279-1280.	0.6	93
15	Chemotherapy for Malignant Brain Tumors of Childhood. <i>Journal of Child Neurology</i> , 2008, 23, 1149-1159.	0.7	85
16	Pediatric meningioma: current approaches and future direction. <i>Journal of Neuro-Oncology</i> , 2011, 104, 1-10.	1.4	68
17	Current therapy for medulloblastoma. <i>Current Treatment Options in Neurology</i> , 2006, 8, 319-334.	0.7	64
18	Maternal Use of Folic Acid and Other Supplements and Risk of Childhood Brain Tumors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2012, 21, 1933-1941.	1.1	59

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19	Diffuse glioneuronal tumour with oligodendroglia-like features and nuclear clusters (DGONC) – a molecularly defined glioneuronal CNS tumour class displaying recurrent monosomy 14. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 422-430.	1.8	51
20	MR imaging features of diffuse intrinsic pontine glioma and relationship to overall survival: report from the International DIPG Registry. <i>Neuro-Oncology</i> , 2020, 22, 1647-1657.	0.6	51
21	Integrated Analysis of miRNA and mRNA Expression in Childhood Medulloblastoma Compared with Neural Stem Cells. <i>PLoS ONE</i> , 2011, 6, e23935.	1.1	46
22	Ultra high-risk PFA ependymoma is characterized by loss of chromosome 6q. <i>Neuro-Oncology</i> , 2021, 23, 1360-1370.	0.6	46
23	Use of bevacizumab as a single agent or in adjunct with traditional chemotherapy regimens in children with unresectable or progressive low-grade glioma. <i>Cancer Medicine</i> , 2019, 8, 40-50.	1.3	41
24	The evolution of clinical trials for infant acute lymphoblastic leukemia. <i>Blood Cancer Journal</i> , 2014, 4, e200-e200.	2.8	36
25	PATZ1 fusions define a novel molecularly distinct neuroepithelial tumor entity with a broad histological spectrum. <i>Acta Neuropathologica</i> , 2021, 142, 841-857.	3.9	36
26	Interactions between acute lymphoblastic leukemia and bone marrow stromal cells influence response to therapy. <i>Leukemia Research</i> , 2012, 36, 299-306.	0.4	35
27	Evaluation of age-dependent treatment strategies for children and young adults with pineoblastoma: analysis of pooled European Society for Paediatric Oncology (SIOP-E) and US Head Start data. <i>Neuro-Oncology</i> , 2017, 19, now234.	0.6	33
28	International experience in the development of patient-derived xenograft models of diffuse intrinsic pontine glioma. <i>Journal of Neuro-Oncology</i> , 2019, 141, 253-263.	1.4	30
29	Bacillus Cereus Bacteremia and Multiple Brain Abscesses During Acute Lymphoblastic Leukemia Induction Therapy. <i>Journal of Pediatric Hematology/Oncology</i> , 2014, 36, e197-e201.	0.3	26
30	Small-molecule screen reveals synergy of cell cycle checkpoint kinase inhibitors with DNA-damaging chemotherapies in medulloblastoma. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	26
31	Gene Expression Analyses of the Spatio-Temporal Relationships of Human Medulloblastoma Subgroups during Early Human Neurogenesis. <i>PLoS ONE</i> , 2014, 9, e112909.	1.1	26
32	Significance of HOX11L2/TLX3 expression in children with T-cell acute lymphoblastic leukemia treated on Children's Cancer Group protocols. <i>Leukemia</i> , 2005, 19, 1705-1708.	3.3	25
33	Exercise training improves vascular function and secondary health measures in survivors of pediatric oncology related cerebral insult. <i>PLoS ONE</i> , 2018, 13, e0201449.	1.1	25
34	Intracranial growing teratoma syndrome (IGTS): an international case series and review of the literature. <i>Journal of Neuro-Oncology</i> , 2020, 147, 721-730.	1.4	21
35	Assessment of Cannabidiol and δ^9 -Tetrahydrocannabinol in Mouse Models of Medulloblastoma and Ependymoma. <i>Cancers</i> , 2021, 13, 330.	1.7	21
36	Morbidity in survivors of child and adolescent meningioma. <i>Cancer</i> , 2013, 119, 4350-4357.	2.0	19

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37	Glioma-specific Domain IV EGFR cysteine mutations promote ligand-induced covalent receptor dimerization and display enhanced sensitivity to dacomitinib in vivo.. <i>Oncogene</i> , 2015, 34, 1658-1666.	2.6	19
38	Immunogenicity and clinical effectiveness of the trivalent inactivated influenza vaccine in immunocompromised children undergoing treatment for cancer. <i>Cancer Medicine</i> , 2016, 5, 285-293.	1.3	19
39	A RARE CASE OF ADENOVIRAL FULMINANT HEPATIC NECROSIS AFTER CHEMOTHERAPY. <i>Pediatric Hematology and Oncology</i> , 2002, 19, 361-371.	0.3	18
40	Hepatic Sinusoidal Obstruction Syndrome During Chemotherapy for Childhood Medulloblastoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2014, 36, 76-80.	0.3	18
41	Activation of ERBB4 in Glioblastoma Can Contribute to Increased Tumorigenicity and Influence Therapeutic Response. <i>Cancers</i> , 2018, 10, 243.	1.7	18
42	Identification of novel molecular prognostic markers for paediatric T-cell acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2007, 137, 319-328.	1.2	17
43	A Pre-Clinical Assessment of the Pan-ERBB Inhibitor Dacomitinib in Pediatric and Adult Brain Tumors. <i>Neoplasia</i> , 2018, 20, 432-442.	2.3	17
44	Rare childhood cancersâ€™an increasing entity requiring the need for global consensus and collaboration. <i>Cancer Medicine</i> , 2015, 4, 819-824.	1.3	16
45	Idiosyncratic nature of voriconazole photosensitivity in children undergoing cancer therapy. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1807-1809.	1.3	15
46	Chemotherapy Increases Amenability of Surgical Resection in Congenital Glioblastoma. <i>Pediatric Hematology and Oncology</i> , 2012, 29, 538-544.	0.3	15
47	Immunogenicity of the inactivated influenza vaccine in children who have undergone allogeneic haematopoietic stem cell transplant. <i>Bone Marrow Transplantation</i> , 2020, 55, 773-779.	1.3	13
48	Successful Induction and Maintenance of Long-Term Remission in a Child with Chronic Relapsing Autoimmune Hemolytic Anemia Using Rituximab. <i>Pediatric Hematology and Oncology</i> , 2003, 20, 557-561.	0.3	12
49	Medulloblastoma therapy generates risk of a poorly-prognostic H3 wild-type subgroup of diffuse intrinsic pontine glioma: a report from the International DIPG Registry. <i>Acta Neuropathologica Communications</i> , 2018, 6, 67.	2.4	12
50	Relapse and outcome patterns of patients with central nervous system mixed malignant germ cell tumors treated without irradiation: Findings from the Third International Central Nervous System (CNS) Germ Cell Tumor (GCT) Study. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1920-1924.	0.8	10
51	Systems pharmacogenomics identifies novel targets and clinically actionable therapeutics for medulloblastoma. <i>Genome Medicine</i> , 2021, 13, 103.	3.6	10
52	Parentsâ€™ Experiences of Childhood Cancer During the COVID-19 Pandemic: An Australian Perspective. <i>Journal of Pediatric Psychology</i> , 2022, 47, 148-157.	1.1	10
53	Characteristics of patients â‰¥10 years of age with diffuse intrinsic pontine glioma: a report from the International DIPG/DMG Registry. <i>Neuro-Oncology</i> , 2022, 24, 141-152.	0.6	9
54	Accuracy of central neuro-imaging review of DIPG compared with histopathology in the International DIPG Registry. <i>Neuro-Oncology</i> , 2022, 24, 821-833.	0.6	9

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55	The case for DNA methylation based molecular profiling to improve diagnostic accuracy for central nervous system embryonal tumors (not otherwise specified) in adults. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 163-167.	0.8	8
56	MEIS proteins as partners of the TLX1/HOX11 oncoprotein. <i>Leukemia Research</i> , 2010, 34, 358-363.	0.4	7
57	Increased Body Mass Index during Therapy for Childhood Acute Lymphoblastic Leukemia: A Significant and Underestimated Complication. <i>International Journal of Pediatrics (United Kingdom)</i> , 2015, 2015, 1-10.	0.2	7
58	Unusual paediatric spinal myxopapillary ependymomas: Unique molecular entities or pathological variations on a theme?. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 144-148.	0.8	7
59	Defining the molecular features of radiation-induced glioma: A systematic review and meta-analysis. <i>Neuro-Oncology Advances</i> , 2021, 3, vtab109.	0.4	7
60	Fitness, body composition and vascular health in adolescent and young adult survivors of paediatric brain cancer and cranial radiotherapy. <i>International Journal of Adolescent Medicine and Health</i> , 2019, 31, .	0.6	6
61	A Novel Orthotopic Patient-Derived Xenograft Model of Radiation-Induced Glioma Following Medulloblastoma. <i>Cancers</i> , 2020, 12, 2937.	1.7	6
62	Challenges in the Management of Childhood Intracranial Germ Cell Tumors in Middle-Income Countries. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, Publish Ahead of Print, e913-e923.	0.3	6
63	Veliparib Is an Effective Radiosensitizing Agent in a Preclinical Model of Medulloblastoma. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 633344.	1.6	6
64	Pediatric Pineoblastoma: A pooled outcome study of North American and Australian therapeutic data. <i>Neuro-Oncology Advances</i> , 0, , .	0.4	6
65	Deletion of one copy of the p16INK4A tumor suppressor gene is implicated as a predisposing factor in pediatric leukemia. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 852-855.	1.0	5
66	Efficacy of acute myeloid leukemia therapy without stem-cell transplantation in a child with blastic plasmacytoid dendritic cell neoplasm. <i>Haematologica</i> , 2013, 98, e30-e31.	1.7	5
67	Folate Pathway Gene Polymorphisms and Risk of Childhood Brain Tumors: Results from an Australian Caseâ€“Control Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 931-937.	1.1	5
68	Metabolic and Psychological Impact of a Pragmatic Exercise Intervention Program in Adolescent and Young Adult Survivors of Pediatric Cancer-Related Cerebral Insult. <i>Journal of Adolescent and Young Adult Oncology</i> , 2018, 7, 349-357.	0.7	5
69	A novel technique of serial biopsy in mouse brain tumour models. <i>PLoS ONE</i> , 2017, 12, e0175169.	1.1	5
70	Comment on: Comparison of hypersensitivity rates to intravenous and intramuscular PEGâ€“asparaginase in children with acute lymphoblastic leukemia: A metaâ€“analysis and systematic review. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27065.	0.8	4
71	â€œPreâ€“emptive strikeâ€“the case for early treatment of hepatic sinusoidal obstruction syndrome with defibrotide. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27036.	0.8	4
72	Incidence and survival for childhood central nervous system tumours in Australia, 1983â€“2016. <i>Journal of Neuro-Oncology</i> , 2021, 155, 203-213.	1.4	4

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73	Multi-institutional analysis of treatment modalities in basal ganglia and thalamic germinoma. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29172.	0.8	3
74	COVID-19 vaccination in children and adolescents aged 5 years and older undergoing treatment for cancer and non-malignant haematological conditions: Australian and New Zealand Children's Haematology/Oncology Group consensus statement. <i>Medical Journal of Australia</i> , 2022, 216, 312-319.	0.8	3
75	MBRS-35. COMBINING Chk1/2 INHIBITION WITH RADIATION ENHANCES IN VITRO AND IN VIVO CYTOTOXICITY IN MEDULLOBLASTOMA. <i>Neuro-Oncology</i> , 2018, 20, i135-i136.	0.6	1
76	“Not all that glitters is gold” insights from the Far East and how to solve a conundrum. <i>Neuro-Oncology</i> , 2019, 21, 1490-1492.	0.6	1
77	Immunogenicity of the inactivated influenza vaccine in children who have undergone autologous stem cell transplant. <i>Bone Marrow Transplantation</i> , 2020, 55, 1829-1831.	1.3	1
78	Rare case of spontaneous simultaneous extensive subcutaneous emphysema, bilateral pneumothoraces, pneumomediastinum and pneumorrhachis. <i>Archives of Disease in Childhood</i> , 2021, 106, 547-547.	1.0	1
79	Conduct of neuro-oncology multidisciplinary team meetings and closing the “gaps” in the clinical management of childhood central nervous system tumors in a middle-income country. <i>Child's Nervous System</i> , 2021, 37, 1573-1580.	0.6	1
80	Malignant Melanoma in Children and Adolescents Treated in Pediatric Oncology Centers: An Australian and New Zealand Children's Oncology Group (ANZCHOG) Study. <i>Frontiers in Oncology</i> , 2021, 11, 660172.	1.3	1
81	What matters for people with brain cancer? Selecting clinical quality indicators for an Australian Brain Cancer Registry. <i>Neuro-Oncology Practice</i> , 2022, 9, 68-78.	1.0	1
82	Novel peptide-based drugs for the treatment of sonic hedgehog-dependent medulloblastoma. <i>Drugs of the Future</i> , 2015, 40, 117.	0.0	1
83	ATRT-17. A phase II study of continuous low dose panobinostat in paediatric patients with malignant rhabdoid tumours and atypical teratoid rhabdoid tumours. <i>Neuro-Oncology</i> , 2022, 24, i6-i7.	0.6	1
84	Rare pattern of relapse to the pancreas and bilateral extraocular muscles in paediatric alveolar rhabdomyosarcoma. <i>Journal of Paediatrics and Child Health</i> , 2017, 53, 419-421.	0.4	0
85	GERM-23. INTRACRANIAL GROWING TERATOMA SYNDROME (IGTS): AN INTERNATIONAL RETROSPECTIVE STUDY. <i>Neuro-Oncology</i> , 2018, 20, i88-i88.	0.6	0
86	RONC-14. REPLICATING CLINICAL RADIATION THERAPY PROTOCOLS IN PRECLINICAL BRAIN TUMOUR MODELS. <i>Neuro-Oncology</i> , 2018, 20, i177-i177.	0.6	0
87	LGG-09. LONG-TERM OUTCOMES OF SYMPTOMATIC OPTIC PATHWAY GLIOMA: 32 YEARS OF EXPERIENCE AT A SINGLE TERTIARY CENTER. <i>Neuro-Oncology</i> , 2018, 20, i106-i106.	0.6	0
88	Reply to “Assembling the brain trust: the multidisciplinary imperative in neuro-oncology”. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 522-523.	12.5	0
89	“Walking their walk”: reducing conflict between families of ill children and the medical profession. <i>Archives of Disease in Childhood</i> , 2020, 105, 87-89.	1.0	0
90	A surveillance clinic for children and adolescents with, or at risk of, hereditary cancer predisposition syndromes. <i>Medical Journal of Australia</i> , 2021, 214, 335.	0.8	0

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91	DIPG-50. A NOVEL ORTHOTOPIC PATIENT-DERIVED XENOGRAFT MODEL OF RADIATION-INDUCED GLIOMA. <i>Neuro-Oncology</i> , 2020, 22, iii296-iii296.	0.6	0
92	LINC-03. MOLECULAR CLASSIFICATION OF PAEDIATRIC MEDULLOBLASTOMA FROM FOUR TERTIARY CENTRES IN MALAYSIA: DIAGNOSTIC DILEMMA WITH CONVENTIONAL METHODS. <i>Neuro-Oncology</i> , 2020, 22, iii378-iii378.	0.6	0
93	DIPG-25. Patterns of cerebrospinal fluid diversion and survival in children with diffuse intrinsic pontine glioma: a report from the International Diffuse Intrinsic Pontine Glioma Registry. <i>Neuro-Oncology</i> , 2022, 24, i23-i24.	0.6	0
94	HGG-11. Clinical characteristics and clinical evolution of a large cohort of pediatric patients with primary central nervous system (CNS) tumors and tropomyosin receptor kinase (TRK) fusion.. <i>Neuro-Oncology</i> , 2022, 24, i61-i62.	0.6	0
95	MODL-18. Enhancing anti-CD47 mAb efficacy with radiotherapy for Group 3 paediatric medulloblastoma in preclinical models. <i>Neuro-Oncology</i> , 2022, 24, i172-i173.	0.6	0
96	RONC-07. Fractionated radiotherapy is required to accurately mimic neurostructural late effects in preclinical models. <i>Neuro-Oncology</i> , 2022, 24, i177-i178.	0.6	0
97	Phase I results of the INFORM2 combination study of nivolumab and entinostat in children and adolescents: INFORM2 NivEnt.. <i>Journal of Clinical Oncology</i> , 2022, 40, 10034-10034.	0.8	0