Donna L Johnston

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/548470/publications.pdf

Version: 2024-02-01

120 papers 3,511 citations

30 h-index 55 g-index

126 all docs

126 docs citations

126 times ranked

5380 citing authors

#	Article	IF	CITATIONS
1	Childhood head trauma and the risk of childhood brain tumours: A caseâ€control study in Ontario, Canada. International Journal of Cancer, 2022, 150, 795-801.	5.1	1
2	The expense of sending cerebrospinal fluid for analysis on all lumbar punctures in pediatric acute lymphoblastic leukemia patients. Pediatric Blood and Cancer, 2022, , e29585.	1.5	0
3	Feeling scared or worried self-report in children receiving cancer treatments using the Symptom Screening in Pediatrics Tool (SSPedi). Supportive Care in Cancer, 2021, 29, 3137-3144.	2.2	3
4	Diagnostic discrepancies between antemortem clinical diagnosis and autopsy findings in pediatric cancer patients. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2021, 478, 1179-1185.	2.8	3
5	Embryonal Tumor With Multilayered Rosettes of the Parietooccipital Region. Journal of Pediatric Hematology/Oncology, 2021, Publish Ahead of Print, .	0.6	1
6	Histologic Correlates of Molecular Group 4 Pediatric Medulloblastoma: A Retrospective Canadian Review. Pediatric and Developmental Pathology, 2021, 24, 309-317.	1.0	2
7	Leptin is Associated with the Tri-Ponderal Mass Index in Children: A Cross-Sectional Study. Adolescent Health, Medicine and Therapeutics, 2021, Volume 12, 9-15.	0.9	O
8	Treatment of Sinusoidal Obstruction Syndrome With Defibrotide in Pediatric Cancer Patients Following Nontransplant-associated Chemotherapy. Journal of Pediatric Hematology/Oncology, 2021, Publish Ahead of Print, .	0.6	2
9	Low-dose metronomic topotecan and pazopanib in children with recurrent or refractory solid tumors: A C17 Canadian phase I trial (TOPAZ) Journal of Clinical Oncology, 2021, 39, 10020-10020.	1.6	O
10	Home-Based Pediatric Cancer Care: Perspectives and Improvement Suggestions From Children, Family Caregivers, and Clinicians. JCO Oncology Practice, 2021, 17, e827-e839.	2.9	16
11	Utility of a Cancer Predisposition Screening Tool for Predicting Subsequent Malignant Neoplasms in Childhood Cancer Survivors. Journal of Clinical Oncology, 2021, 39, JCO.21.00018.	1.6	6
12	Characterization of physical literacy in children with chronic medical conditions compared with healthy controls: a cross-sectional study. Applied Physiology, Nutrition and Metabolism, 2021, 46, 1073-1082.	1.9	7
13	Performance of the McGill Interactive Pediatric OncoGenetic Guidelines for Identifying Cancer Predisposition Syndromes. JAMA Oncology, 2021, 7, 1806.	7.1	22
14	Acute myeloid leukaemia presenting as proptosis in an infant. BMJ Case Reports, 2021, 14, e247506.	0.5	0
15	A Unique Case of a Pediatric Patient With Blastic Plasmacytoid Dendritic Cell Neoplasm, Guillain Barre Syndrome, and Hemophagocytic Lymphohistiocytosis. Journal of Pediatric Hematology/Oncology, 2020, 42, e392-e393.	0.6	1
16	Presacral Medulloepithelioma: Case Report and Literature Review. Journal of Pediatric Hematology/Oncology, 2020, 42, 244-247.	0.6	3
17	Pontine gliomas a 10-year population-based study: a report from The Canadian Paediatric Brain Tumour Consortium (CPBTC). Journal of Neuro-Oncology, 2020, 149, 45-54.	2.9	8
18	High molecular weight adiponectin levels are inversely associated with adiposity in pediatric brain tumor survivors. Scientific Reports, 2020, 10, 18606.	3.3	2

#	Article	IF	Citations
19	Canadian Pediatric Neuro-Oncology Standards of Practice. Frontiers in Oncology, 2020, 10, 593192.	2.8	13
20	Teenager with a history of acute myeloid leukaemia with an isolated brain lesion. BMJ Case Reports, 2020, 13, e234857.	0.5	1
21	Circulating leptin levels are associated with adiposity in survivors of childhood brain tumors. Scientific Reports, 2020, 10, 4711.	3.3	9
22	Outcomes of children with chronic myeloid leukemia: A populationâ€based cohort study. Pediatric Blood and Cancer, 2020, 67, e28491.	1.5	7
23	Reduction of Extramedullary Complications in Patients With Acute Myeloid Leukemia/Myelodysplastic Syndrome Treated With Azacitidine. Journal of Pediatric Hematology/Oncology, 2020, 42, 170-174.	0.6	1
24	Translating the Symptom Screening in Pediatrics Tool (SSPedi) into French and among French-speaking children receiving cancer treatments, evaluating understandability and cultural relevance in a multiple-phase descriptive study. BMJ Open, 2020, 10, e035265.	1.9	4
25	Pain Squad+ smartphone app to support real-time pain treatment for adolescents with cancer: protocol for a randomised controlled trial. BMJ Open, 2020, 10, e037251.	1.9	7
26	A C19MC-LIN28A-MYCN Oncogenic Circuit Driven by Hijacked Super-enhancers Is a Distinct Therapeutic Vulnerability in ETMRs: A Lethal Brain Tumor. Cancer Cell, 2019, 36, 51-67.e7.	16.8	69
27	Quality of life in pediatric acute myeloid leukemia: Report from the Children's Oncology Group. Cancer Medicine, 2019, 8, 4454-4464.	2.8	14
28	Local Tumor Recurrence and Escape from Suppression of Bone Resorption With Denosumab Treatment in Two Adolescents With Giant Cell Tumors of Bone. JBMR Plus, 2019, 3, e10196.	2.7	11
29	Alterations in ALK/ROS1/NTRK/MET drive a group of infantile hemispheric gliomas. Nature Communications, 2019, 10, 4343.	12.8	200
30	Management of chronic myeloid leukemia in children and adolescents: Recommendations from the Children's Oncology Group CML Working Group. Pediatric Blood and Cancer, 2019, 66, e27827.	1.5	50
31	The Bone Phenotype and Pain Response to Pamidronate in Tyrosine Kinase Inhibitor–Treated Chronic Myelogenous Leukemia. Journal of the Endocrine Society, 2019, 3, 857-864.	0.2	6
32	Phase I doseâ€finding study for melatonin in pediatric oncology patients with relapsed solid tumors. Pediatric Blood and Cancer, 2019, 66, e27676.	1.5	6
33	Perianal Infections in Children With Acute Myeloid Leukemia: A Report From the Canadian Infection in Acute Myeloid Leukemia Research Group. Journal of the Pediatric Infectious Diseases Society, 2019, 8, 354-357.	1.3	2
34	Severely bothersome fatigue in children and adolescents with cancer and hematopoietic stem cell transplant recipients. Supportive Care in Cancer, 2019, 27, 2665-2671.	2.2	17
35	Taste changes in children with cancer and hematopoietic stem cell transplant recipients. Supportive Care in Cancer, 2019, 27, 2247-2254.	2.2	10
36	Validation of the Symptom Screening in Pediatrics Tool in Children Receiving Cancer Treatments. Journal of the National Cancer Institute, 2018, 110, 661-668.	6.3	68

#	Article	IF	Citations
37	Pediatric oncology clinical trial participation where the geography is vast: Development of a clinical research system for tertiary and satellite centers in Ontario, Canada. Pediatric Blood and Cancer, 2018, 65, e26901.	1.5	5
38	Treatmentâ€related mortality in newly diagnosed pediatric cancer: a populationâ€based analysis. Cancer Medicine, 2018, 7, 707-715.	2.8	13
39	Describing symptoms using the Symptom Screening in Pediatrics Tool in hospitalized children with cancer and hematopoietic stem cell transplant recipients. Cancer Medicine, 2018, 7, 1750-1755.	2.8	50
40	Validation of the Proxy Version of Symptom Screening in Pediatrics Tool in Children Receiving Cancer Treatments. Journal of Pain and Symptom Management, 2018, 56, 107-112.	1.2	28
41	Survival Following Tumor Recurrence in Children With Medulloblastoma. Journal of Pediatric Hematology/Oncology, 2018, 40, e159-e163.	0.6	46
42	Birth weight and body mass index z-score in childhood brain tumors: A cross-sectional study. Scientific Reports, 2018, 8, 1642.	3.3	2
43	Reirradiation in patients with diffuse intrinsic pontine gliomas: The Canadian experience. Pediatric Blood and Cancer, 2018, 65, e26988.	1.5	51
44	Autologous stem cell transplantation for refractory opsoclonus myoclonus ataxia syndrome. Pediatric Blood and Cancer, 2018, 65, e27110.	1.5	3
45	Evaluation of the electronic self-report Symptom Screening in Pediatrics Tool (SSPedi). BMJ Supportive and Palliative Care, 2018, 8, 110-116.	1.6	41
46	The Impact of School Visits on Siblings of Children With Cancer. Journal of Pediatric Oncology Nursing, 2018, 35, 110-117.	1.5	6
47	Tri-ponderal mass index in survivors of childhood brain tumors: A cross-sectional study. Scientific Reports, 2018, 8, 16336.	3.3	11
48	High Vs. Low-Intensity Bridging Chemotherapy in Children with Acute Lymphoblastic Leukemia Awaiting Chimeric Antigen Receptor T-Cell Therapy: A Population-Based Study from Ontario, Canada. Blood, 2018, 132, 1410-1410.	1.4	5
49	Phase I dose finding study for melatonin in paediatric oncology patients with relapsed solid tumors Journal of Clinical Oncology, 2018, 36, e22514-e22514.	1.6	2
50	The impact of electronic consultation on a Canadian tertiary care pediatric specialty referral system: A prospective single-center observational study. PLoS ONE, 2018, 13, e0190247.	2.5	36
51	Perceptions of Adolescents With Cancer Related to a Pain Management App and Its Evaluation: Qualitative Study Nested Within a Multicenter Pilot Feasibility Study. JMIR MHealth and UHealth, 2018, 6, e80.	3.7	37
52	Quality of Life in Pediatric Acute Myeloid Leukemia: A Report from the Children's Oncology Group. Blood, 2018, 132, 4841-4841.	1.4	0
53	Parent Attributions About Child Symptoms Related to Cancer Therapy. Journal of Pediatric Oncology Nursing, 2017, 34, 44-50.	1.5	8
54	Atypical teratoid rhabdoid tumor in the first year of life: the Canadian ATRT registry experience and review of the literature. Journal of Neuro-Oncology, 2017, 132, 155-162.	2.9	43

#	Article	IF	CITATIONS
55	Evaluation of treatment-related mortality among paediatric cancer deaths: a population based analysis. British Journal of Cancer, 2017, 116, 540-545.	6.4	17
56	Systematic review and metaâ€analysis of healthâ€related quality of life in pediatric CNS tumor survivors. Pediatric Blood and Cancer, 2017, 64, e26442.	1.5	43
57	Implementation and preliminary effectiveness of a realâ€time pain management smartphone app for adolescents with cancer: A multicenter pilot clinical study. Pediatric Blood and Cancer, 2017, 64, e26554.	1.5	114
58	Central nervous system disease in pediatric acute myeloid leukemia: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2017, 64, e26612.	1.5	33
59	Adiposity in childhood brain tumors: A report from the Canadian Study of Determinants of Endometabolic Health in Children (CanDECIDE Study). Scientific Reports, 2017, 7, 45078.	3.3	9
60	Immunohistochemical analysis of H3K27me3 demonstrates global reduction in group-A childhood posterior fossa ependymoma and is a powerful predictor of outcome. Acta Neuropathologica, 2017, 134, 705-714.	7.7	168
61	Pediatric Oncology Clinic Care Model: Achieving Better Continuity of Care for Patients in a Medium-sized Program. Journal of Pediatric Hematology/Oncology, 2017, 39, 476-480.	0.6	2
62	Severe vitamin C deficiency in a child newly diagnosed with T-cell ALL due to nutrient gap. BMJ Case Reports, 2016, 2016, bcr2015212090.	0.5	0
63	Impact of registration on clinical trials on infection risk in pediatric acute myeloid leukemia. International Journal of Cancer, 2016, 138, 1785-1791.	5.1	5
64	Methodological issues identified during cognitive interviews in the development of a pediatric cancer symptom screening tool. Psycho-Oncology, 2016, 25, 349-353.	2.3	2
65	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. Cancer Cell, 2016, 30, 891-908.	16.8	191
66	Phase II Weekly Vinblastine for Chemotherapy-NaÃ-ve Children With Progressive Low-Grade Glioma: A Canadian Pediatric Brain Tumor Consortium Study. Journal of Clinical Oncology, 2016, 34, 3537-3543.	1.6	157
67	Patient-Reported Measures of Hearing Loss and Tinnitus in Pediatric Cancer and Hematopoietic Stem Cell Transplantation: A Systematic Review. Journal of Speech, Language, and Hearing Research, 2016, 59, 1247-1252.	1.6	4
68	Invasive <i>Rothia</i> infections in children with acute myeloid leukemia: A report from the Canadian infections in AML research group. Pediatric Hematology and Oncology, 2016, 33, 277-281.	0.8	5
69	A systematic review of patient-reported outcome measures of neuropathy in children, adolescents and young adults. Supportive Care in Cancer, 2016, 24, 3723-3728.	2.2	8
70	The Effect of Traumatic Diagnostic Lumbar Puncture in De Novo Pediatric Acute Myeloid Leukemia - a Report from the Children's Oncology Group. Blood, 2016, 128, 4016-4016.	1.4	0
71	Healthcare Providers' Perceptions of the Utility †of Psychosocial Screening Tools in Childhood Cancer: A Pilot Study. Oncology Nursing Forum, 2015, 42, 391-397.	1.2	12
72	Neurocognitive evaluation of long term survivors of atypical teratoid rhabdoid tumors (ATRT): The Canadian registry experience. Pediatric Blood and Cancer, 2015, 62, 1265-1269.	1.5	29

#	Article	IF	Citations
73	Low grade astrocytoma in children under the age of three years: a report from the Canadian pediatric brain tumour consortium. Journal of Neuro-Oncology, 2015, 124, 95-100.	2.9	5
74	Construct validity and reliability of a real-time multidimensional smartphone app to assess pain in children and adolescents with cancer. Pain, 2015, 156, 2607-2615.	4.2	85
75	Attitudes and Perceptions of Parents and Staff Toward the Rapid Hydration Protocol Prior to Chemotherapy in Children. Journal of Pediatric Oncology Nursing, 2015, 32, 114-119.	1.5	0
76	Survival of children with medulloblastoma in Canada diagnosed between 1990 and 2009 inclusive. Journal of Neuro-Oncology, 2015, 124, 247-253.	2.9	20
77	Molecular subgroups of atypical teratoid rhabdoid tumours in children: an integrated genomic and clinicopathological analysis. Lancet Oncology, The, 2015, 16, 569-582.	10.7	147
78	Outcome of neurofibromatosis type 1 patients treated with first line vinblastine for optic pathway gliomas: A Canadian multicenter study Journal of Clinical Oncology, 2015, 33, 2019-2019.	1.6	1
79	Patient-Reported Outcome Coordinator Did Not Improve Quality of Life Assessment Response Rates: A Report from the Children's Oncology Group. PLoS ONE, 2015, 10, e0125290.	2.5	10
80	Case 1: Unilateral leg swelling in a toddler. Paediatrics and Child Health, 2014, 19, e117-e118.	0.6	0
81	Incidence of medulloblastoma in Canadian children. Journal of Neuro-Oncology, 2014, 120, 575-579.	2.9	14
82	Examining the educational value of a CanMEDS roles framework in pediatric morbidity and mortality rounds. BMC Medical Education, 2014, 14, 262.	2.4	8
83	Second Bacteremia During Antibiotic Treatment in Children With Acute Myeloid Leukemia: A Report From the Canadian Infections in Acute Myeloid Leukemia Research Group. Journal of the Pediatric Infectious Diseases Society, 2014, 3, 228-233.	1.3	4
84	Periorbital Ecchymosis ("Raccoon Eyesâ€) on a Bone Scan. Journal of Pediatrics, 2014, 165, 1271.	1.8	0
85	Epidemiology of malignant pontine gliomas (MPG) in the paediatric population in Canada: A study of the Canadian paediatric brain tumour consortium (CPBTC). Canadian Journal of Neurological Sciences, 2014, 41, S16-S16.	0.5	0
86	Challenges of accrual in supportive care trials in pediatric oncology. Supportive Care in Cancer, 2013, 21, 2953-2953.	2.2	0
87	Outcome of pediatric patients with acute myeloid leukemia (AML) and â^'5/5qâ^' abnormalities from five pediatric AML treatment protocols: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2013, 60, 2073-2078.	1.5	25
88	Children's Oncology Group's 2013 blueprint for research: Cancer control and supportive care. Pediatric Blood and Cancer, 2013, 60, 1027-1030.	1.5	36
89	Reasons for Non-Completion of Health Related Quality of Life Evaluations in Pediatric Acute Myeloid Leukemia: A Report from the Children's Oncology Group. PLoS ONE, 2013, 8, e74549.	2.5	17
90	Development and Testing of a Multidimensional iPhone Pain Assessment Application for Adolescents with Cancer. Journal of Medical Internet Research, 2013, 15, e51.	4.3	243

#	Article	lF	Citations
91	Diagnosis and management of acute myeloid leukemia in children and adolescents: recommendations from an international expert panel. Blood, 2012, 120, 3187-3205.	1.4	451
92	Superior outcome of pediatric acute myeloid leukemia patients with orbital and CNS myeloid sarcoma: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2012, 58, 519-524.	1.5	62
93	Neutropenia in infants with hemolytic disease of the newborn. Pediatric Blood and Cancer, 2012, 58, 950-952.	1.5	5
94	Palliative care consultation in pediatric oncology. Supportive Care in Cancer, 2012, 20, 799-803.	2.2	64
95	Outcome of Pediatric Patients with Acute Myeloid Leukemia and -5/5q-Abnormalities Enrolled On Five Children's Oncology Group Acute Myeloid Leukemia Treatment Protocols. Blood, 2012, 120, 1414-1414.	1.4	0
96	Pediatric Acute Myeloid Leukemia with $t(8;16)(p11;p13)$: A Distinct Clinical and Biological Entity. Results of a Collaborative Study by the International Berlin-Frankfurt-Mul^nster AML Study Group Blood, 2012, 120, 2516-2516.	1.4	0
97	Does level of training influence the ability to detect hepatosplenomegaly in children with leukemia?. Canadian Medical Education Journal, 2012, 3, e146-50.	0.4	0
98	A review of central nervous system leukaemia in paediatric acute myeloid leukaemia. Journal of Hematological Malignancies, $2011,1,1$	0.0	0
99	Pediatric oncologists opinions on breaking bad news. Pediatric Blood and Cancer, 2011, 56, 506-506.	1.5	8
100	Central nervous system relapse of acute promyelocytic leukemia. Pediatric Blood and Cancer, 2010, 54, 336-337.	1.5	4
101	Fatal Neurotoxicity in a Patient With Down Syndrome Treated With Chemotherapy, Irradiation, Stem Cell Transplant, and Clofarabine. Journal of Pediatric Hematology/Oncology, 2010, 32, e111-e113.	0.6	3
102	Patterns of enrollment of infants with central nervous system tumours on cooperative group studies: a report from the Canadian Pediatric Brain Tumour Consortium. Journal of Neuro-Oncology, 2010, 99, 243-249.	2.9	8
103	The presence of central nervous system disease at diagnosis in pediatric acute myeloid leukemia does not affect survival: A Children's Oncology Group study. Pediatric Blood and Cancer, 2010, 55, 414-420.	1.5	49
104	Medulloblastoma in children under the age of three years: a retrospective Canadian review. Journal of Neuro-Oncology, 2009, 94, 51-56.	2.9	31
105	Supratentorial primitive neuroectodermal tumors: a Canadian pediatric brain tumor consortium report. Journal of Neuro-Oncology, 2008, 86, 101-108.	2.9	69
106	Fatal skin and liver toxicity in a patient treated with clofarabine. Pediatric Blood and Cancer, 2008, 50, 1082-1082.	1.5	4
107	lliopsoas hematoma following a bone marrow aspirate. Pediatric Blood and Cancer, 2008, 51, 146-146.	1.5	0
108	Parental perceptions of being told their child has cancer. Pediatric Blood and Cancer, 2008, 51, 531-534.	1.5	14

#	ARTICLE	lF	CITATIONS
109	Availability and Use of Palliative Care and End-of-Life Services for Pediatric Oncology Patients. Journal of Clinical Oncology, 2008, 26, 4646-4650.	1.6	136
110	Bilateral Adrenal Neuroblastoma. Journal of Pediatric Hematology/Oncology, 2007, 29, 652-655.	0.6	7
111	Case 1: What a cheek!. Paediatrics and Child Health, 2007, 12, 575-578.	0.6	1
112	Complementary and alternative medicine in pediatric oncology: Availability and institutional policies in Canadaâ€"a report from the Children's Oncology Group. Pediatric Blood and Cancer, 2006, 47, 955-958.	1.5	7
113	Vascular complications of cranial radiation. Child's Nervous System, 2006, 22, 547-555.	1.1	44
114	Late Presentation of Opsoclonus-Myoclonus-Ataxia Syndrome in a Child With Stage 4S Neuroblastoma. Journal of Pediatric Hematology/Oncology, 2005, 27, 341-343.	0.6	7
115	Risk Factors and Therapy for Isolated Central Nervous System Relapse of Pediatric Acute Myeloid Leukemia. Journal of Clinical Oncology, 2005, 23, 9172-9178.	1.6	72
116	Pediatric Palliative Care. Journal of Pediatric Pharmacology and Therapeutics, 2005, 10, 200-214.	0.5	1
117	Rhabdomyosarcoma, osteosarcoma, and adrenocortical carcinoma in a child with a germline p53 mutation. Pediatric Blood and Cancer, 2004, 43, 683-686.	1.5	24
118	Relapse of childhood acute lymphoblastic leukemia in the lacrimal gland. Medical and Pediatric Oncology, 2003, 40, 337-338.	1.0	17
119	Progenitor cell involvement is predictive of response to induction chemotherapy in paediatric acute myeloid leukaemia. British Journal of Haematology, 2003, 123, 431-435.	2.5	11
120	Neuronal Apoptosis Inhibitory Protein Expression after Traumatic Brain Injury in the Mouse. Journal of Neurotrauma, 2001, 18, 1333-1347.	3.4	39