

Donna L Johnston

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

3,511
citations

159585

30
h-index

155660

55
g-index

126
all docs

126
docs citations

126
times ranked

5380
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis and management of acute myeloid leukemia in children and adolescents: recommendations from an international expert panel. <i>Blood</i> , 2012, 120, 3187-3205.	1.4	451
2	Development and Testing of a Multidimensional iPhone Pain Assessment Application for Adolescents with Cancer. <i>Journal of Medical Internet Research</i> , 2013, 15, e51.	4.3	243
3	Alterations in ALK/ROS1/NTRK/MET drive a group of infantile hemispheric gliomas. <i>Nature Communications</i> , 2019, 10, 4343.	12.8	200
4	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. <i>Cancer Cell</i> , 2016, 30, 891-908.	16.8	191
5	Immunohistochemical analysis of H3K27me3 demonstrates global reduction in group-A childhood posterior fossa ependymoma and is a powerful predictor of outcome. <i>Acta Neuropathologica</i> , 2017, 134, 705-714.	7.7	168
6	Phase II Weekly Vinblastine for Chemotherapy-Naïve Children With Progressive Low-Grade Glioma: A Canadian Pediatric Brain Tumor Consortium Study. <i>Journal of Clinical Oncology</i> , 2016, 34, 3537-3543.	1.6	157
7	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
8	Availability and Use of Palliative Care and End-of-Life Services for Pediatric Oncology Patients. <i>Journal of Clinical Oncology</i> , 2008, 26, 4646-4650.	1.6	136
9	Implementation and preliminary effectiveness of a real-time pain management smartphone app for adolescents with cancer: A multicenter pilot clinical study. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26554.	1.5	114
10	Construct validity and reliability of a real-time multidimensional smartphone app to assess pain in children and adolescents with cancer. <i>Pain</i> , 2015, 156, 2607-2615.	4.2	85
11	Risk Factors and Therapy for Isolated Central Nervous System Relapse of Pediatric Acute Myeloid Leukemia. <i>Journal of Clinical Oncology</i> , 2005, 23, 9172-9178.	1.6	72
12	Supratentorial primitive neuroectodermal tumors: a Canadian pediatric brain tumor consortium report. <i>Journal of Neuro-Oncology</i> , 2008, 86, 101-108.	2.9	69
13	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.	16.8	69
14	Validation of the Symptom Screening in Pediatrics Tool in Children Receiving Cancer Treatments. <i>Journal of the National Cancer Institute</i> , 2018, 110, 661-668.	6.3	68
15	Palliative care consultation in pediatric oncology. <i>Supportive Care in Cancer</i> , 2012, 20, 799-803.	2.2	64
16	Superior outcome of pediatric acute myeloid leukemia patients with orbital and CNS myeloid sarcoma: A report from the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2012, 58, 519-524.	1.5	62
17	Reirradiation in patients with diffuse intrinsic pontine gliomas: The Canadian experience. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26988.	1.5	51
18	Describing symptoms using the Symptom Screening in Pediatrics Tool in hospitalized children with cancer and hematopoietic stem cell transplant recipients. <i>Cancer Medicine</i> , 2018, 7, 1750-1755.	2.8	50

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19	Management of chronic myeloid leukemia in children and adolescents: Recommendations from the Children's Oncology Group CML Working Group. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27827.	1.5	50
20	The presence of central nervous system disease at diagnosis in pediatric acute myeloid leukemia does not affect survival: A Children's Oncology Group study. <i>Pediatric Blood and Cancer</i> , 2010, 55, 414-420.	1.5	49
21	Survival Following Tumor Recurrence in Children With Medulloblastoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2018, 40, e159-e163.	0.6	46
22	Vascular complications of cranial radiation. <i>Child's Nervous System</i> , 2006, 22, 547-555.	1.1	44
23	Atypical teratoid rhabdoid tumor in the first year of life: the Canadian ATRT registry experience and review of the literature. <i>Journal of Neuro-Oncology</i> , 2017, 132, 155-162.	2.9	43
24	Systematic review and meta-analysis of health-related quality of life in pediatric CNS tumor survivors. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26442.	1.5	43
25	Evaluation of the electronic self-report Symptom Screening in Pediatrics Tool (SSPedi). <i>BMJ Supportive and Palliative Care</i> , 2018, 8, 110-116.	1.6	41
26	Neuronal Apoptosis Inhibitory Protein Expression after Traumatic Brain Injury in the Mouse. <i>Journal of Neurotrauma</i> , 2001, 18, 1333-1347.	3.4	39
27	Perceptions of Adolescents With Cancer Related to a Pain Management App and Its Evaluation: Qualitative Study Nested Within a Multicenter Pilot Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e80.	3.7	37
28	Children's Oncology Group's 2013 blueprint for research: Cancer control and supportive care. <i>Pediatric Blood and Cancer</i> , 2013, 60, 1027-1030.	1.5	36
29	The impact of electronic consultation on a Canadian tertiary care pediatric specialty referral system: A prospective single-center observational study. <i>PLoS ONE</i> , 2018, 13, e0190247.	2.5	36
30	Central nervous system disease in pediatric acute myeloid leukemia: A report from the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26612.	1.5	33
31	Medulloblastoma in children under the age of three years: a retrospective Canadian review. <i>Journal of Neuro-Oncology</i> , 2009, 94, 51-56.	2.9	31
32	Neurocognitive evaluation of long term survivors of atypical teratoid rhabdoid tumors (ATRT): The Canadian registry experience. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1265-1269.	1.5	29
33	Validation of the Proxy Version of Symptom Screening in Pediatrics Tool in Children Receiving Cancer Treatments. <i>Journal of Pain and Symptom Management</i> , 2018, 56, 107-112.	1.2	28
34	Outcome of pediatric patients with acute myeloid leukemia (AML) and '5/5q' abnormalities from five pediatric AML treatment protocols: A report from the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2013, 60, 2073-2078.	1.5	25
35	Rhabdomyosarcoma, osteosarcoma, and adrenocortical carcinoma in a child with a germline p53 mutation. <i>Pediatric Blood and Cancer</i> , 2004, 43, 683-686.	1.5	24
36	Performance of the McGill Interactive Pediatric OncoGenetic Guidelines for Identifying Cancer Predisposition Syndromes. <i>JAMA Oncology</i> , 2021, 7, 1806.	7.1	22

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37	Survival of children with medulloblastoma in Canada diagnosed between 1990 and 2009 inclusive. <i>Journal of Neuro-Oncology</i> , 2015, 124, 247-253.	2.9	20
38	Relapse of childhood acute lymphoblastic leukemia in the lacrimal gland. <i>Medical and Pediatric Oncology</i> , 2003, 40, 337-338.	1.0	17
39	Evaluation of treatment-related mortality among paediatric cancer deaths: a population based analysis. <i>British Journal of Cancer</i> , 2017, 116, 540-545.	6.4	17
40	Severely bothersome fatigue in children and adolescents with cancer and hematopoietic stem cell transplant recipients. <i>Supportive Care in Cancer</i> , 2019, 27, 2665-2671.	2.2	17
41	Reasons for Non-Completion of Health Related Quality of Life Evaluations in Pediatric Acute Myeloid Leukemia: A Report from the Children's Oncology Group. <i>PLoS ONE</i> , 2013, 8, e74549.	2.5	17
42	Home-Based Pediatric Cancer Care: Perspectives and Improvement Suggestions From Children, Family Caregivers, and Clinicians. <i>JCO Oncology Practice</i> , 2021, 17, e827-e839.	2.9	16
43	Parental perceptions of being told their child has cancer. <i>Pediatric Blood and Cancer</i> , 2008, 51, 531-534.	1.5	14
44	Incidence of medulloblastoma in Canadian children. <i>Journal of Neuro-Oncology</i> , 2014, 120, 575-579.	2.9	14
45	Quality of life in pediatric acute myeloid leukemia: Report from the Children's Oncology Group. <i>Cancer Medicine</i> , 2019, 8, 4454-4464.	2.8	14
46	Treatment-related mortality in newly diagnosed pediatric cancer: a population-based analysis. <i>Cancer Medicine</i> , 2018, 7, 707-715.	2.8	13
47	Canadian Pediatric Neuro-Oncology Standards of Practice. <i>Frontiers in Oncology</i> , 2020, 10, 593192.	2.8	13
48	Healthcare Providers' Perceptions of the Utility of Psychosocial Screening Tools in Childhood Cancer: A Pilot Study. <i>Oncology Nursing Forum</i> , 2015, 42, 391-397.	1.2	12
49	Progenitor cell involvement is predictive of response to induction chemotherapy in paediatric acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2003, 123, 431-435.	2.5	11
50	Tri-ponderal mass index in survivors of childhood brain tumors: A cross-sectional study. <i>Scientific Reports</i> , 2018, 8, 16336.	3.3	11
51	Local Tumor Recurrence and Escape from Suppression of Bone Resorption With Denosumab Treatment in Two Adolescents With Giant Cell Tumors of Bone. <i>JBMR Plus</i> , 2019, 3, e10196.	2.7	11
52	Taste changes in children with cancer and hematopoietic stem cell transplant recipients. <i>Supportive Care in Cancer</i> , 2019, 27, 2247-2254.	2.2	10
53	Patient-Reported Outcome Coordinator Did Not Improve Quality of Life Assessment Response Rates: A Report from the Children's Oncology Group. <i>PLoS ONE</i> , 2015, 10, e0125290.	2.5	10
54	Adiposity in childhood brain tumors: A report from the Canadian Study of Determinants of Endometabolic Health in Children (CanDECIDE Study). <i>Scientific Reports</i> , 2017, 7, 45078.	3.3	9

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55	Circulating leptin levels are associated with adiposity in survivors of childhood brain tumors. <i>Scientific Reports</i> , 2020, 10, 4711.	3.3	9
56	Patterns of enrollment of infants with central nervous system tumours on cooperative group studies: a report from the Canadian Pediatric Brain Tumour Consortium. <i>Journal of Neuro-Oncology</i> , 2010, 99, 243-249.	2.9	8
57	Pediatric oncologists opinions on breaking bad news. <i>Pediatric Blood and Cancer</i> , 2011, 56, 506-506.	1.5	8
58	Examining the educational value of a CanMEDS roles framework in pediatric morbidity and mortality rounds. <i>BMC Medical Education</i> , 2014, 14, 262.	2.4	8
59	A systematic review of patient-reported outcome measures of neuropathy in children, adolescents and young adults. <i>Supportive Care in Cancer</i> , 2016, 24, 3723-3728.	2.2	8
60	Parent Attributions About Child Symptoms Related to Cancer Therapy. <i>Journal of Pediatric Oncology Nursing</i> , 2017, 34, 44-50.	1.5	8
61	Pontine gliomas a 10-year population-based study: a report from The Canadian Paediatric Brain Tumour Consortium (CPBTC). <i>Journal of Neuro-Oncology</i> , 2020, 149, 45-54.	2.9	8
62	Late Presentation of Opsoclonus-Myoclonus-Ataxia Syndrome in a Child With Stage 4S Neuroblastoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2005, 27, 341-343.	0.6	7
63	Complementary and alternative medicine in pediatric oncology: Availability and institutional policies in Canada—a report from the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2006, 47, 955-958.	1.5	7
64	Bilateral Adrenal Neuroblastoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2007, 29, 652-655.	0.6	7
65	Outcomes of children with chronic myeloid leukemia: A population-based cohort study. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28491.	1.5	7
66	Pain Squad+ smartphone app to support real-time pain treatment for adolescents with cancer: protocol for a randomised controlled trial. <i>BMJ Open</i> , 2020, 10, e037251.	1.9	7
67	Characterization of physical literacy in children with chronic medical conditions compared with healthy controls: a cross-sectional study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1073-1082.	1.9	7
68	The Impact of School Visits on Siblings of Children With Cancer. <i>Journal of Pediatric Oncology Nursing</i> , 2018, 35, 110-117.	1.5	6
69	The Bone Phenotype and Pain Response to Pamidronate in Tyrosine Kinase Inhibitor-Treated Chronic Myelogenous Leukemia. <i>Journal of the Endocrine Society</i> , 2019, 3, 857-864.	0.2	6
70	Phase I dose-finding study for melatonin in pediatric oncology patients with relapsed solid tumors. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27676.	1.5	6
71	Utility of a Cancer Predisposition Screening Tool for Predicting Subsequent Malignant Neoplasms in Childhood Cancer Survivors. <i>Journal of Clinical Oncology</i> , 2021, 39, JCO.21.00018.	1.6	6
72	Neutropenia in infants with hemolytic disease of the newborn. <i>Pediatric Blood and Cancer</i> , 2012, 58, 950-952.	1.5	5

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73	Low grade astrocytoma in children under the age of three years: a report from the Canadian pediatric brain tumour consortium. <i>Journal of Neuro-Oncology</i> , 2015, 124, 95-100.	2.9	5
74	Impact of registration on clinical trials on infection risk in pediatric acute myeloid leukemia. <i>International Journal of Cancer</i> , 2016, 138, 1785-1791.	5.1	5
75	Invasive <i>Rothia</i> infections in children with acute myeloid leukemia: A report from the Canadian infections in AML research group. <i>Pediatric Hematology and Oncology</i> , 2016, 33, 277-281.	0.8	5
76	Pediatric oncology clinical trial participation where the geography is vast: Development of a clinical research system for tertiary and satellite centers in Ontario, Canada. <i>Pediatric Blood and Cancer</i> , 2018, 65, e26901.	1.5	5
77	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. <i>Blood</i> , 2018, 132, 1410-1410.	1.4	5
78	Fatal skin and liver toxicity in a patient treated with clofarabine. <i>Pediatric Blood and Cancer</i> , 2008, 50, 1082-1082.	1.5	4
79	Central nervous system relapse of acute promyelocytic leukemia. <i>Pediatric Blood and Cancer</i> , 2010, 54, 336-337.	1.5	4
80	Second Bacteremia During Antibiotic Treatment in Children With Acute Myeloid Leukemia: A Report From the Canadian Infections in Acute Myeloid Leukemia Research Group. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2014, 3, 228-233.	1.3	4
81	Patient-Reported Measures of Hearing Loss and Tinnitus in Pediatric Cancer and Hematopoietic Stem Cell Transplantation: A Systematic Review. <i>Journal of Speech, Language, and Hearing Research</i> , 2016, 59, 1247-1252.	1.6	4
82	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. <i>BMJ Open</i> , 2020, 10, e035265.	1.9	4
83	Fatal Neurotoxicity in a Patient With Down Syndrome Treated With Chemotherapy, Irradiation, Stem Cell Transplant, and Clofarabine. <i>Journal of Pediatric Hematology/Oncology</i> , 2010, 32, e111-e113.	0.6	3
84	Autologous stem cell transplantation for refractory opsoclonus myoclonus ataxia syndrome. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27110.	1.5	3
85	Presacral Medulloepithelioma: Case Report and Literature Review. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, 244-247.	0.6	3
86	Feeling scared or worried self-report in children receiving cancer treatments using the Symptom Screening in Pediatrics Tool (SSPedi). <i>Supportive Care in Cancer</i> , 2021, 29, 3137-3144.	2.2	3
87	Diagnostic discrepancies between antemortem clinical diagnosis and autopsy findings in pediatric cancer patients. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2021, 478, 1179-1185.	2.8	3
88	Methodological issues identified during cognitive interviews in the development of a pediatric cancer symptom screening tool. <i>Psycho-Oncology</i> , 2016, 25, 349-353.	2.3	2
89	Pediatric Oncology Clinic Care Model: Achieving Better Continuity of Care for Patients in a Medium-sized Program. <i>Journal of Pediatric Hematology/Oncology</i> , 2017, 39, 476-480.	0.6	2
90	Birth weight and body mass index z-score in childhood brain tumors: A cross-sectional study. <i>Scientific Reports</i> , 2018, 8, 1642.	3.3	2

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91	Perianal Infections in Children With Acute Myeloid Leukemia: A Report From the Canadian Infection in Acute Myeloid Leukemia Research Group. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2019, 8, 354-357.	1.3	2
92	High molecular weight adiponectin levels are inversely associated with adiposity in pediatric brain tumor survivors. <i>Scientific Reports</i> , 2020, 10, 18606.	3.3	2
93	Histologic Correlates of Molecular Group 4 Pediatric Medulloblastoma: A Retrospective Canadian Review. <i>Pediatric and Developmental Pathology</i> , 2021, 24, 309-317.	1.0	2
94	Treatment of Sinusoidal Obstruction Syndrome With Defibrotide in Pediatric Cancer Patients Following Nontransplant-associated Chemotherapy. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, Publish Ahead of Print, .	0.6	2
95	Phase I dose finding study for melatonin in paediatric oncology patients with relapsed solid tumors.. <i>Journal of Clinical Oncology</i> , 2018, 36, e22514-e22514.	1.6	2
96	Case 1: What a cheek!. <i>Paediatrics and Child Health</i> , 2007, 12, 575-578.	0.6	1
97	A Unique Case of a Pediatric Patient With Blastic Plasmacytoid Dendritic Cell Neoplasm, Guillain Barre Syndrome, and Hemophagocytic Lymphohistiocytosis. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, e392-e393.	0.6	1
98	Teenager with a history of acute myeloid leukaemia with an isolated brain lesion. <i>BMJ Case Reports</i> , 2020, 13, e234857.	0.5	1
99	Reduction of Extramedullary Complications in Patients With Acute Myeloid Leukemia/Myelodysplastic Syndrome Treated With Azacitidine. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, 170-174.	0.6	1
100	Embryonal Tumor With Multilayered Rosettes of the Parietooccipital Region. <i>Journal of Pediatric Hematology/Oncology</i> , 2021, Publish Ahead of Print, .	0.6	1
101	Childhood head trauma and the risk of childhood brain tumours: A case-control study in Ontario, Canada. <i>International Journal of Cancer</i> , 2022, 150, 795-801.	5.1	1
102	Outcome of neurofibromatosis type 1 patients treated with first line vinblastine for optic pathway gliomas: A Canadian multicenter study.. <i>Journal of Clinical Oncology</i> , 2015, 33, 2019-2019.	1.6	1
103	Pediatric Palliative Care. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2005, 10, 200-214.	0.5	1
104	Iliopsoas hematoma following a bone marrow aspirate. <i>Pediatric Blood and Cancer</i> , 2008, 51, 146-146.	1.5	0
105	A review of central nervous system leukaemia in paediatric acute myeloid leukaemia. <i>Journal of Hematological Malignancies</i> , 2011, 1, .	0.0	0
106	Challenges of accrual in supportive care trials in pediatric oncology. <i>Supportive Care in Cancer</i> , 2013, 21, 2953-2953.	2.2	0
107	Case 1: Unilateral leg swelling in a toddler. <i>Paediatrics and Child Health</i> , 2014, 19, e117-e118.	0.6	0
108	Periorbital Ecchymosis (â€œRaccoon Eyesâ€) on a Bone Scan. <i>Journal of Pediatrics</i> , 2014, 165, 1271.	1.8	0

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109	Epidemiology of malignant pontine gliomas (MPC) 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
110	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
111	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
112	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	0
113	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	0
114	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
115	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-Munster AML Study Group.. Blood, 2012, 120, 2516-2516.	1.4	0
116	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
117	Quality of Life in Pediatric Acute Myeloid Leukemia: A Report from the Children's Oncology Group. Blood, 2018, 132, 4841-4841.	1.4	0
118	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
119	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
120	Acute myeloid leukaemia presenting as proptosis in an infant. BMJ Case Reports, 2021, 14, e247506.	0.5	0