

# Gertjan J L Kaspers

## List of Publications by Year in descending order

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Version: 2024-02-01

519  
papers

20,348  
citations

11639

70  
h-index

18633

119  
g-index

529  
all docs

529  
docs citations

529  
times ranked

21776  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Sensitivity Assays: The MTT Assay. <i>Methods in Molecular Biology</i> , 2011, 731, 237-245.	0.4	1,474
2	Diagnosis and management of acute myeloid leukemia in children and adolescents: recommendations from an international expert panel. <i>Blood</i> , 2012, 120, 3187-3205.	0.6	451
3	Molecular basis of bortezomib resistance: proteasome subunit $\hat{1}25$ (PSMB5) gene mutation and overexpression of PSMB5 protein. <i>Blood</i> , 2008, 112, 2489-2499.	0.6	406
4	Novel prognostic subgroups in childhood 11q23/MLL-rearranged acute myeloid leukemia: results of an international retrospective study. <i>Blood</i> , 2009, 114, 2489-2496.	0.6	383
5	Clinical implications of FLT3 mutations in pediatric AML. <i>Blood</i> , 2006, 108, 3654-3661.	0.6	355
6	Successful Therapy Reduction and Intensification for Childhood Acute Lymphoblastic Leukemia Based on Minimal Residual Disease Monitoring: Study ALL10 From the Dutch Childhood Oncology Group. <i>Journal of Clinical Oncology</i> , 2016, 34, 2591-2601.	0.8	287
7	Collaborative Efforts Driving Progress in Pediatric Acute Myeloid Leukemia. <i>Journal of Clinical Oncology</i> , 2015, 33, 2949-2962.	0.8	277
8	Long-Term Outcome in Children With Relapsed Acute Lymphoblastic Leukemia After Time-Point and Site-of-Relapse Stratification and Intensified Short-Course Multidrug Chemotherapy: Results of Trial ALL-REZ BFM 90. <i>Journal of Clinical Oncology</i> , 2010, 28, 2339-2347.	0.8	265
9	NUP98/NSD1 characterizes a novel poor prognostic group in acute myeloid leukemia with a distinct HOX gene expression pattern. <i>Blood</i> , 2011, 118, 3645-3656.	0.6	250
10	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
11	In Silico Analysis of Kinase Expression Identifies WEE1 as a Gatekeeper against Mitotic Catastrophe in Glioblastoma. <i>Cancer Cell</i> , 2010, 18, 244-257.	7.7	238
12	Mutations in KIT and RAS are frequent events in pediatric core-binding factor acute myeloid leukemia. <i>Leukemia</i> , 2005, 19, 1536-1542.	3.3	227
13	Computer Assisted Orthopaedic Surgery With Image Based Individual Templates. <i>Clinical Orthopaedics and Related Research</i> , 1998, 354, 28-38.	0.7	223
14	FLT3 internal tandem duplication in 234 children with acute myeloid leukemia: prognostic significance and relation to cellular drug resistance. <i>Blood</i> , 2003, 102, 2387-2394.	0.6	214
15	Circumvention of Methotrexate Resistance in Childhood Leukemia Subtypes by Rationally Designed Antifolates. <i>Blood</i> , 1999, 94, 3121-3128.	0.6	213
16	Diffuse intrinsic pontine gliomas: A systematic update on clinical trials and biology. <i>Cancer Treatment Reviews</i> , 2012, 38, 27-35.	3.4	199
17	Improved Outcome in Pediatric Relapsed Acute Myeloid Leukemia: Results of a Randomized Trial on Liposomal Daunorubicin by the International BFM Study Group. <i>Journal of Clinical Oncology</i> , 2013, 31, 599-607.	0.8	197
18	In vitro cellular drug resistance in children with relapsed/refractory acute lymphoblastic leukemia. <i>Blood</i> , 1995, 86, 3861-3868.	0.6	195

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19	A prospective study on drug monitoring of PEGasparaginase and Erwinia asparaginase and asparaginase antibodies in pediatric acute lymphoblastic leukemia. <i>Blood</i> , 2014, 123, 2026-2033.	0.6	177
20	Patient Stratification Based on Prednisolone-Vincristine-Asparaginase Resistance Profiles in Children With Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2003, 21, 3262-3268.	0.8	164
21	Stability and prognostic influence of FLT3 mutations in paired initial and relapsed AML samples. <i>Leukemia</i> , 2006, 20, 1217-1220.	3.3	162
22	Pediatric acute myeloid leukemia: international progress and future directions. <i>Leukemia</i> , 2005, 19, 2025-2029.	3.3	161
23	Impaired bortezomib binding to mutant $\beta$ 5 subunit of the proteasome is the underlying basis for bortezomib resistance in leukemia cells. <i>Leukemia</i> , 2012, 26, 757-768.	3.3	155
24	Different drug sensitivity profiles of acute myeloid and lymphoblastic leukemia and normal peripheral blood mononuclear cells in children with and without Down syndrome. <i>Blood</i> , 2002, 99, 245-251.	0.6	153
25	Molecular basis of resistance to proteasome inhibitors in hematological malignancies. <i>Drug Resistance Updates</i> , 2015, 18, 18-35.	6.5	153
26	Prednisolone Resistance in Childhood Acute Lymphoblastic Leukemia: Vitro-Vivo Correlations and Cross-Resistance to Other Drugs. <i>Blood</i> , 1998, 92, 259-266.	0.6	151
27	Physical exercise training interventions for children and young adults during and after treatment for childhood cancer. <i>The Cochrane Library</i> , 2017, 2017, CD008796.	1.5	151
28	Favorable prognostic impact of NPM1 gene mutations in childhood acute myeloid leukemia, with emphasis on cytogenetically normal AML. <i>Leukemia</i> , 2009, 23, 262-270.	3.3	143
29	Pediatric acute myeloid leukemia: towards high-quality cure of all patients. <i>Haematologica</i> , 2007, 92, 1519-1532.	1.7	142
30	Congenital leukaemia: the Dutch experience and review of the literature. <i>British Journal of Haematology</i> , 2002, 117, 513-524.	1.2	136
31	The human equilibrative nucleoside transporter 1 mediates in vitro cytarabine sensitivity in childhood acute myeloid leukaemia. <i>British Journal of Cancer</i> , 2005, 93, 1388-1394.	2.9	136
32	Favorable prognosis of hyperdiploid common acute lymphoblastic leukemia may be explained by sensitivity to antimetabolites and other drugs: results of an in vitro study. <i>Blood</i> , 1995, 85, 751-756.	0.6	133
33	Polymorphisms in folate-related genes and risk of pediatric acute lymphoblastic leukemia. <i>Blood</i> , 2009, 113, 2284-2289.	0.6	130
34	Effect of polymorphisms in folate-related genes on in vitro methotrexate sensitivity in pediatric acute lymphoblastic leukemia. <i>Blood</i> , 2005, 106, 717-720.	0.6	129
35	Monosomy 7 and deletion 7q in children and adolescents with acute myeloid leukemia: an international retrospective study. <i>Blood</i> , 2007, 109, 4641-4647.	0.6	126
36	Consequent and intensified relapse therapy improved survival in pediatric AML: results of relapse treatment in 379 patients of three consecutive AML-BFM trials. <i>Leukemia</i> , 2010, 24, 1422-1428.	3.3	124

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37	Survival prediction model of children with diffuse intrinsic pontine glioma based on clinical and radiological criteria. <i>Neuro-Oncology</i> , 2015, 17, 160-166.	0.6	124
38	Vincristine-induced peripheral neuropathy in children with cancer: A systematic review. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 114, 114-130.	2.0	124
39	Role of Folylpolyglutamate Synthetase and Folylpolyglutamate Hydrolase in Methotrexate Accumulation and Polyglutamylation in Childhood Leukemia. <i>Blood</i> , 1999, 93, 1677-1683.	0.6	120
40	A review on allogeneic stem cell transplantation for newly diagnosed pediatric acute myeloid leukemia. <i>Blood</i> , 2010, 116, 2205-2214.	0.6	120
41	Leukemia-associated NF1 inactivation in patients with pediatric T-ALL and AML lacking evidence for neurofibromatosis. <i>Blood</i> , 2008, 111, 4322-4328.	0.6	118
42	The role of alternative splicing in cancer: From oncogenesis to drug resistance. <i>Drug Resistance Updates</i> , 2020, 53, 100728.	6.5	118
43	Psychosexual functioning of childhood cancer survivors. <i>Psycho-Oncology</i> , 2008, 17, 506-511.	1.0	115
44	Mononuclear cells contaminating acute lymphoblastic leukaemic samples tested for cellular drug resistance using the methyl-thiazol-tetrazolium assay. <i>British Journal of Cancer</i> , 1994, 70, 1047-1052.	2.9	114
45	The Human Multidrug Resistance Protein MRP5 Transports Folates and Can Mediate Cellular Resistance against Antifolates. <i>Cancer Research</i> , 2005, 65, 4425-4430.	0.4	114
46	Clinical relevance of Wilms tumor 1 gene mutations in childhood acute myeloid leukemia. <i>Blood</i> , 2009, 113, 5951-5960.	0.6	112
47	In Vitro Drug Response and Efflux Transporters Associated with Drug Resistance in Pediatric High Grade Glioma and Diffuse Intrinsic Pontine Glioma. <i>PLoS ONE</i> , 2013, 8, e61512.	1.1	108
48	Integrative analysis of type-I and type-II aberrations underscores the genetic heterogeneity of pediatric acute myeloid leukemia. <i>Haematologica</i> , 2011, 96, 1478-1487.	1.7	102
49	Chemotherapy-related late adverse effects on ovarian function in female survivors of childhood and young adult cancer: A systematic review. <i>Cancer Treatment Reviews</i> , 2017, 53, 10-24.	3.4	101
50	Evaluation of gene expression signatures predictive of cytogenetic and molecular subtypes of pediatric acute myeloid leukemia. <i>Haematologica</i> , 2011, 96, 221-230.	1.7	98
51	Fatigue in children: reliability and validity of the Dutch PedsQLTM Multidimensional Fatigue Scale. <i>Quality of Life Research</i> , 2011, 20, 1103-1108.	1.5	98
52	In vitro drug sensitivity of normal peripheral blood lymphocytes and childhood leukaemic cells from bone marrow and peripheral blood. <i>British Journal of Cancer</i> , 1991, 64, 469-474.	2.9	96
53	Gemtuzumab ozogamicin: first clinical experiences in children with relapsed/refractory acute myeloid leukemia treated on compassionate-use basis. <i>Blood</i> , 2003, 101, 3868-3871.	0.6	94
54	Comparison of ovarian function markers in users of hormonal contraceptives during the hormone-free interval and subsequent natural early follicular phases. <i>Human Reproduction</i> , 2010, 25, 1520-1527.	0.4	94

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55	WEE1 inhibition sensitizes osteosarcoma to radiotherapy. <i>BMC Cancer</i> , 2011, 11, 156.	1.1	94
56	Hypofractionation vs Conventional Radiation Therapy for Newly Diagnosed Diffuse Intrinsic Pontine Glioma: A Matched-Cohort Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 315-320.	0.4	92
57	Relationship Between Major Vault Protein/Lung Resistance Protein, Multidrug Resistance-Associated Protein, P-Glycoprotein Expression, and Drug Resistance in Childhood Leukemia. <i>Blood</i> , 1998, 91, 2092-2098.	0.6	92
58	Exosomes Secreted by Apoptosis-Resistant Acute Myeloid Leukemia (AML) Blasts Harbor Regulatory Network Proteins Potentially Involved in Antagonism of Apoptosis. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1281-1298.	2.5	90
59	Sleep, fatigue, depression, and quality of life in survivors of childhood acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2013, 60, 479-485.	0.8	89
60	Comparison of the antileukemic activity in vitro of dexamethasone and prednisolone in childhood acute lymphoblastic leukemia. , 1996, 27, 114-121.		87
61	The role of minor subpopulations within the leukemic blast compartment of AML patients at initial diagnosis in the development of relapse. <i>Leukemia</i> , 2012, 26, 1313-1320.	3.3	86
62	Reporting health-related quality of life scores to physicians during routine follow-up visits of pediatric oncology patients: Is it effective?. <i>Pediatric Blood and Cancer</i> , 2012, 58, 766-774.	0.8	85
63	PARP inhibition sensitizes childhood high grade glioma, medulloblastoma and ependymoma to radiation. <i>Oncotarget</i> , 2011, 2, 984-996.	0.8	85
64	Glucocorticoid Resistance in Childhood Leukemia. <i>Leukemia and Lymphoma</i> , 1994, 13, 187-201.	0.6	84
65	High VEGFC expression is associated with unique gene expression profiles and predicts adverse prognosis in pediatric and adult acute myeloid leukemia. <i>Blood</i> , 2010, 116, 1747-1754.	0.6	84
66	Glucocorticoid receptor alpha, beta and gamma expression vs in vitro glucocorticoid resistance in childhood leukemia. <i>Leukemia</i> , 2004, 18, 530-537.	3.3	79
67	A genome-wide view of the in vitro response to l-asparaginase in acute lymphoblastic leukemia. <i>Cancer Research</i> , 2005, 65, 291-9.	0.4	79
68	Folate related gene polymorphisms and susceptibility to develop childhood acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2010, 148, 3-14.	1.2	77
69	t(6;9)(p22;q34)/DEK-NUP214-rearranged pediatric myeloid leukemia: an international study of 62 patients. <i>Haematologica</i> , 2014, 99, 865-872.	1.7	77
70	Salvage treatment for children with refractory first or second relapse of acute myeloid leukaemia with gemtuzumab ozogamicin: results of a phase II study. <i>British Journal of Haematology</i> , 2010, 148, 768-776.	1.2	75
71	Clinical Impact of Additional Cytogenetic Aberrations, <i>cKIT</i> and <i>RAS</i> Mutations, and Treatment Elements in Pediatric t(8;21)-AML: Results From an International Retrospective Study by the International Berlin-Frankfurt-Münster Study Group. <i>Journal of Clinical Oncology</i> , 2015, 33, 4247-4258.	0.8	75
72	Somatic genomic alterations in retinoblastoma beyond RB1 are rare and limited to copy number changes. <i>Scientific Reports</i> , 2016, 6, 25264.	1.6	75

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73	Characterization of CEBPA mutations and promoter hypermethylation in pediatric acute myeloid leukemia. <i>Haematologica</i> , 2011, 96, 384-392.	1.7	74
74	Subventricular spread of diffuse intrinsic pontine glioma. <i>Acta Neuropathologica</i> , 2014, 128, 605-607.	3.9	74
75	Overview of Current Drug Delivery Methods Across the Blood-Brain Barrier for the Treatment of Primary Brain Tumors. <i>CNS Drugs</i> , 2020, 34, 1121-1131.	2.7	73
76	High-frequency type I/II mutational shifts between diagnosis and relapse are associated with outcome in pediatric AML: implications for personalized medicine. <i>Blood</i> , 2010, 116, 2752-2758.	0.6	71
77	Ethical issues at the interface of clinical care and research practice in pediatric oncology: a narrative review of parents' and physicians' experiences. <i>BMC Medical Ethics</i> , 2011, 12, 18.	1.0	71
78	Bcl-2 family members in childhood acute lymphoblastic leukemia: relationships with features at presentation, in vitro and in vivo drug response and long-term clinical outcome. <i>Leukemia</i> , 1999, 13, 1574-1580.	3.3	69
79	EV11 overexpression in distinct subtypes of pediatric acute myeloid leukemia. <i>Leukemia</i> , 2010, 24, 942-949.	3.3	69
80	Abandonment of childhood cancer treatment in Western Kenya. <i>Archives of Disease in Childhood</i> , 2014, 99, 609-614.	1.0	69
81	Molecular Drug Imaging: <sup>89</sup> Zr-Bevacizumab PET in Children with Diffuse Intrinsic Pontine Glioma. <i>Journal of Nuclear Medicine</i> , 2017, 58, 711-716.	2.8	69
82	The role of multidrug resistance proteins MRP1, MRP2 and MRP3 in cellular folate homeostasis. <i>Biochemical Pharmacology</i> , 2003, 65, 765-771.	2.0	67
83	Gemtuzumab ozogamicin in pediatric CD33-positive acute lymphoblastic leukemia: first clinical experiences and relation with cellular sensitivity to single agent calicheamicin. <i>Leukemia</i> , 2003, 17, 468-470.	3.3	65
84	WEE1 Kinase Inhibition Enhances the Radiation Response of Diffuse Intrinsic Pontine Gliomas. <i>Molecular Cancer Therapeutics</i> , 2013, 12, 141-150.	1.9	64
85	Impaired sleep affects quality of life in children during maintenance treatment for acute lymphoblastic leukemia: an exploratory study. <i>Health and Quality of Life Outcomes</i> , 2011, 9, 25.	1.0	63
86	Human pontine glioma cells can induce murine tumors. <i>Acta Neuropathologica</i> , 2014, 127, 897-909.	3.9	63
87	Cellular drug resistance in childhood acute myeloid leukemia is related to chromosomal abnormalities. <i>Blood</i> , 2002, 100, 3352-3360.	0.6	61
88	Interferon- $\beta$ -induced upregulation of immunoproteasome subunit assembly overcomes bortezomib resistance in human hematological cell lines. <i>Journal of Hematology and Oncology</i> , 2014, 7, 7.	6.9	61
89	Real-world implementation of electronic patient-reported outcomes in outpatient pediatric cancer care. <i>Psycho-Oncology</i> , 2017, 26, 951-959.	1.0	61
90	<sup>18</sup> F-FDG PET/CT compared to conventional imaging modalities in pediatric primary bone tumors. <i>Pediatric Radiology</i> , 2012, 42, 418-430.	1.1	60

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91	Prognostic significance of additional cytogenetic aberrations in 733 de novo pediatric 11q23/MLL-rearranged AML patients: results of an international study. <i>Blood</i> , 2011, 117, 7102-7111.	0.6	58
92	Cardiorespiratory fitness and physical activity in children with cancer. <i>Supportive Care in Cancer</i> , 2016, 24, 2259-2268.	1.0	58
93	Longitudinal development of cancer-related fatigue and physical activity in childhood cancer patients. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27949.	0.8	58
94	Catecholamines profiles at diagnosis: Increased diagnostic sensitivity and correlation with biological and clinical features in neuroblastoma patients. <i>European Journal of Cancer</i> , 2017, 72, 235-243.	1.3	57
95	Blood pressure and body composition in long-term survivors of childhood acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2012, 58, 278-282.	0.8	56
96	Uterine function, pregnancy complications, and pregnancy outcomes among female childhood cancer survivors. <i>Fertility and Sterility</i> , 2019, 111, 372-380.	0.5	56
97	Physical exercise training interventions for children and young adults during and after treatment for childhood cancer. , 2013, , CD008796.		55
98	A Meta-Analysis of Retinoblastoma Copy Numbers Refines the List of Possible Driver Genes Involved in Tumor Progression. <i>PLoS ONE</i> , 2016, 11, e0153323.	1.1	55
99	High-risk childhood acute lymphoblastic leukemia in first remission treated with novel intensive chemotherapy and allogeneic transplantation. <i>Leukemia</i> , 2013, 27, 1497-1503.	3.3	54
100	Corruption in health-care systems and its effect on cancer care in Africa. <i>Lancet Oncology</i> , The, 2015, 16, e394-e404.	5.1	54
101	Loss of photoreceptoriness and gain of genomic alterations in retinoblastoma reveal tumor progression. <i>EBioMedicine</i> , 2015, 2, 660-670.	2.7	54
102	Monitoring of Tumor Growth and Post-radiation Recurrence in a Diffuse Intrinsic Pontine Glioma Mouse Model. <i>Brain Pathology</i> , 2011, 21, 441-451.	2.1	53
103	Higher ratio immune versus constitutive proteasome level as novel indicator of sensitivity of pediatric acute leukemia cells to proteasome inhibitors. <i>Haematologica</i> , 2013, 98, 1896-1904.	1.7	53
104	Why Pediatricians Fail to Diagnose Hypertension: A Multicenter Survey. <i>Journal of Pediatrics</i> , 2014, 164, 173-177.e7.	0.9	52
105	Everything you always wanted to know about cellular drug resistance in childhood acute lymphoblastic leukemia. <i>Critical Reviews in Oncology/Hematology</i> , 1997, 25, 11-26.	2.0	51
106	Pediatric oncologists' attitudes towards involving adolescents in decision-making concerning research participation. <i>Pediatric Blood and Cancer</i> , 2010, 55, 123-128.	0.8	51
107	Bevacizumab Targeting Diffuse Intrinsic Pontine Glioma: Results of 89Zr-Bevacizumab PET Imaging in Brain Tumor Models. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 2166-2174.	1.9	51
108	Two overlooked contributors to abandonment of childhood cancer treatment in Kenya: parents' social network and experiences with hospital retention policies. <i>Psycho-Oncology</i> , 2014, 23, 700-707.	1.0	50

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109	Tumor suppressor IKZF1 mediates glucocorticoid resistance in B-cell precursor acute lymphoblastic leukemia. <i>Leukemia</i> , 2016, 30, 1599-1603.	3.3	50
110	Methotrexate resistance in relation to treatment outcome in childhood acute lymphoblastic leukemia. <i>Journal of Hematology and Oncology</i> , 2015, 8, 61.	6.9	49
111	Long-term effects of childhood cancer treatment on hormonal and ultrasound markers of ovarian reserve. <i>Human Reproduction</i> , 2018, 33, 1474-1488.	0.4	48
112	Pediatric acute myeloid leukemia. <i>Expert Review of Anticancer Therapy</i> , 2012, 12, 405-413.	1.1	47
113	The volume effect in paediatric oncology: a systematic review. <i>Annals of Oncology</i> , 2013, 24, 1749-1753.	0.6	47
114	<sc>CD</sc>45<sc>RA</sc>, a specific marker for leukaemia stem cell subpopulations in acute myeloid leukaemia. <i>British Journal of Haematology</i> , 2016, 173, 219-235.	1.2	47
115	Treatment strategy and results in children treated on three Dutch Childhood Oncology Group acute myeloid leukemia trials. <i>Leukemia</i> , 2005, 19, 2063-2071.	3.3	46
116	Surface proteomic analysis of osteosarcoma identifies EPHA2 as receptor for targeted drug delivery. <i>British Journal of Cancer</i> , 2013, 109, 2142-2154.	2.9	46
117	Risk-adapted treatment of acute promyelocytic leukemia: results from the International Consortium for Childhood APL. <i>Blood</i> , 2018, 132, 405-412.	0.6	46
118	Chemokine/chemokine receptor interactions in extramedullary leukaemia of the skin in childhood AML: Differential roles for CCR2, CCR5, CXCR4 and CXCR7. <i>Pediatric Blood and Cancer</i> , 2010, 55, 344-348.	0.8	45
119	High prevalence of complementary and alternative medicine use in the Dutch pediatric oncology population: a multicenter survey. <i>European Journal of Pediatrics</i> , 2013, 172, 31-37.	1.3	45
120	Pre-mRNA splicing in cancer: the relevance in oncogenesis, treatment and drug resistance. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 673-689.	1.5	45
121	Signaling pathways and mesenchymal transition in pediatric high-grade glioma. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 871-887.	2.4	44
122	Combined Therapy of AXL and HDAC Inhibition Reverses Mesenchymal Transition in Diffuse Intrinsic Pontine Glioma. <i>Clinical Cancer Research</i> , 2020, 26, 3319-3332.	3.2	44
123	Post-induction residual leukemia in childhood acute lymphoblastic leukemia quantified by PCR correlates with in vitro prednisolone resistance. <i>Leukemia</i> , 2001, 15, 1066-1071.	3.3	43
124	Expression of deoxycytidine kinase in leukaemic cells compared with solid tumour cell lines, liver metastases and normal liver. <i>European Journal of Cancer</i> , 2003, 39, 691-697.	1.3	43
125	Cost-analysis of treatment of childhood acute lymphoblastic leukemia with asparaginase preparations: the impact of expensive chemotherapy. <i>Haematologica</i> , 2013, 98, 753-759.	1.7	43
126	Reduced folate carrier mutations are not the mechanism underlying methotrexate resistance in childhood acute lymphoblastic leukemia. <i>Cancer</i> , 2004, 100, 773-782.	2.0	42



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127	The prognostic significance of early treatment response in pediatric relapsed acute myeloid leukemia: results of the international study Relapsed AML 2001/01. <i>Haematologica</i> , 2014, 99, 1472-1478.	1.7	42
128	Effects of a combined physical and psychosocial intervention program for childhood cancer patients on quality of life and psychosocial functioning: results of the QLIM randomized clinical trial. <i>Psycho-Oncology</i> , 2016, 25, 815-822.	1.0	42
129	Development of the SIOPE DIPG network, registry and imaging repository: a collaborative effort to optimize research into a rare and lethal disease. <i>Journal of Neuro-Oncology</i> , 2017, 132, 255-266.	1.4	42
130	Classification Of Ex Vivo Methotrexate Resistance In Acute Lymphoblastic and Myeloid Leukaemia. <i>British Journal of Haematology</i> , 2000, 110, 791-800.	1.2	41
131	Folate concentration dependent transport activity of the Multidrug Resistance Protein 1 (ABCC1). <i>Biochemical Pharmacology</i> , 2004, 67, 1541-1548.	2.0	41
132	Effect of dexamethasone on quality of life in children with acute lymphoblastic leukaemia: a prospective observational study. <i>Health and Quality of Life Outcomes</i> , 2008, 6, 103.	1.0	41
133	Cystatin C more accurately detects mildly impaired renal function than creatinine in children receiving treatment for malignancy. <i>Pediatric Blood and Cancer</i> , 2011, 57, 262-267.	0.8	41
134	A twenty-year review of diagnosing and treating children with diffuse intrinsic pontine glioma in The Netherlands. <i>Expert Review of Anticancer Therapy</i> , 2015, 15, 157-164.	1.1	41
135	Hypothalamic-pituitary-adrenal (HPA) axis suppression after treatment with glucocorticoid therapy for childhood acute lymphoblastic leukaemia. <i>The Cochrane Library</i> , 2017, 2017, CD008727.	1.5	41
136	Splicing modulation as novel therapeutic strategy against diffuse malignant peritoneal mesothelioma. <i>EBioMedicine</i> , 2019, 39, 215-225.	2.7	41
137	EFEMP1 induces $\beta$ -secretase/Notch-mediated temozolomide resistance in glioblastoma. <i>Oncotarget</i> , 2014, 5, 363-374.	0.8	41
138	Asparagine synthetase activity in paediatric acute leukaemias: AML-M5 subtype shows lowest activity. <i>British Journal of Haematology</i> , 2000, 109, 427-429.	1.2	40
139	Proteasome inhibition as novel treatment strategy in leukaemia. <i>British Journal of Haematology</i> , 2006, 134, 253-262.	1.2	40
140	Clinical trials to improve childhood cancer care and survival in sub-Saharan Africa. <i>Nature Reviews Clinical Oncology</i> , 2013, 10, 599-604.	12.5	40
141	How I treat pediatric acute myeloid leukemia. <i>Blood</i> , 2021, 138, 1009-1018.	0.6	40
142	Antileukemic Activity and Mechanism of Drug Resistance to the Marine <i>Salinispora tropica</i> Proteasome Inhibitor Salinosporamide A (Marizomib). <i>Molecular Pharmacology</i> , 2014, 86, 12-19.	1.0	39
143	Improved survival for children and young adolescents with acute myeloid leukemia: a Dutch study on incidence, survival and mortality. <i>Leukemia</i> , 2019, 33, 1349-1359.	3.3	39
144	Attenuated AMPA Receptor Expression Allows Glioblastoma Cell Survival in Glutamate-Rich Environment. <i>PLoS ONE</i> , 2009, 4, e5953.	1.1	39

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145	Multidrug resistance proteins and folate supplementation: therapeutic implications for antifolates and other classes of drugs in cancer treatment. <i>Cancer Chemotherapy and Pharmacology</i> , 2006, 58, 1-12.	1.1	38
146	Proteasome inhibitors in acute leukemia. <i>Expert Review of Anticancer Therapy</i> , 2013, 13, 327-337.	1.1	38
147	Acquired resistance to chloroquine in human CEM T cells is mediated by multidrug resistance-associated protein 1 and provokes high levels of cross-resistance to glucocorticoids. <i>Arthritis and Rheumatism</i> , 2006, 54, 557-568.	6.7	37
148	Different susceptibility of osteosarcoma cell lines and primary cells to treatment with oncolytic adenovirus and doxorubicin or cisplatin. <i>British Journal of Cancer</i> , 2006, 94, 1837-1844.	2.9	37
149	Design of the Quality of Life in Motion (QLIM) study: a randomized controlled trial to evaluate the effectiveness and cost-effectiveness of a combined physical exercise and psychosocial training program to improve physical fitness in children with cancer. <i>BMC Cancer</i> , 2010, 10, 624.	1.1	37
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