

# Matthew J Murray

## List of Publications by Year in descending order

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86  
papers

3,008  
citations

236833

25  
h-index

175177

52  
g-index

92  
all docs

92  
docs citations

92  
times ranked

3217  
citing authors

#	ARTICLE	IF	CITATIONS
1	Malignant Germ Cell Tumors Display Common MicroRNA Profiles Resulting in Global Changes in Expression of Messenger RNA Targets. <i>Cancer Research</i> , 2010, 70, 2911-2923.	0.4	243
2	What Is Trophoblast? A Combination of Criteria Define Human First-Trimester Trophoblast. <i>Stem Cell Reports</i> , 2016, 6, 257-272.	2.3	213
3	Identification of MicroRNAs From the miR-371 and miR-302 Clusters as Potential Serum Biomarkers of Malignant Germ Cell Tumors. <i>American Journal of Clinical Pathology</i> , 2011, 135, 119-125.	0.4	186
4	Consensus on the management of intracranial germ-cell tumours. <i>Lancet Oncology</i> , The, 2015, 16, e470-e477.	5.1	173
5	Outcome of patients with intracranial non-germinomatous germ cell tumors—lessons from the SIOP-CNS-GCT-96 trial. <i>Neuro-Oncology</i> , 2017, 19, 1661-1672.	0.6	150
6	The present and future of serum diagnostic tests for testicular germ cell tumours. <i>Nature Reviews Urology</i> , 2016, 13, 715-725.	1.9	148
7	Targeted serum miRNA (TSmiR) test for diagnosis and follow-up of (testicular) germ cell cancer patients: A proof of principle. <i>Molecular Oncology</i> , 2013, 7, 1083-1092.	2.1	142
8	A pipeline to quantify serum and cerebrospinal fluid microRNAs for diagnosis and detection of relapse in paediatric malignant germ-cell tumours. <i>British Journal of Cancer</i> , 2016, 114, 151-162.	2.9	122
9	Revised Risk Classification for Pediatric Extracranial Germ Cell Tumors Based on 25 Years of Clinical Trial Data From the United Kingdom and United States. <i>Journal of Clinical Oncology</i> , 2015, 33, 195-201.	0.8	111
10	Is adjuvant chemotherapy indicated in ovarian immature teratomas? A combined data analysis from the Malignant Germ Cell International Collaborative. <i>Cancer</i> , 2016, 122, 230-237.	2.0	91
11	Solid Tumors of Childhood Display Specific Serum microRNA Profiles. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015, 24, 350-360.	1.1	74
12	Functional evidence that Drosha overexpression in cervical squamous cell carcinoma affects cell phenotype and microRNA profiles. <i>Journal of Pathology</i> , 2011, 224, 496-507.	2.1	71
13	A new generation of biomarkers for malignant germ cell tumours. <i>Nature Reviews Urology</i> , 2012, 9, 298-300.	1.9	63
14	LIN28 Expression in Malignant Germ Cell Tumors Downregulates let-7 and Increases Oncogene Levels. <i>Cancer Research</i> , 2013, 73, 4872-4884.	0.4	61
15	The two most common histological subtypes of malignant germ cell tumour are distinguished by global microRNA profiles, associated with differential transcription factor expression. <i>Molecular Cancer</i> , 2010, 9, 290.	7.9	60
16	Familial rhabdoid tumour 'avant la lettre'-from pathology review to exome sequencing and back again. <i>Journal of Pathology</i> , 2013, 231, 35-43.	2.1	60
17	Paediatric extracranial germ-cell tumours. <i>Lancet Oncology</i> , The, 2016, 17, e149-e162.	5.1	60
18	Circulating MicroRNAs, the Next-Generation Serum Biomarkers in Testicular Germ Cell Tumours: A Systematic Review. <i>European Urology</i> , 2021, 80, 456-466.	0.9	60

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19	EANO, SNO and Euracan consensus review on the current management and future development of intracranial germ cell tumors in adolescents and young adults. <i>Neuro-Oncology</i> , 2022, 24, 516-527.	0.6	60
20	Biology of childhood germ cell tumours, focussing on the significance of microRNA. <i>Andrology</i> , 2015, 3, 129-139.	1.9	49
21	Serum MicroRNA-371a-3p Levels Predict Viable Germ Cell Tumor in Chemotherapy-naïve Patients Undergoing Retroperitoneal Lymph Node Dissection. <i>European Urology</i> , 2020, 77, 290-292.	0.9	48
22	Treatment and outcomes of UK and German patients with relapsed intracranial germ cell tumors following uniform first-line therapy. <i>International Journal of Cancer</i> , 2017, 141, 621-635.	2.3	40
23	Highlights from the Third International Central Nervous System Germ Cell Tumour symposium: laying the foundations for future consensus. <i>Ecancermedalscience</i> , 2013, 7, 333.	0.6	39
24	Comparison of carboplatin versus cisplatin in the treatment of paediatric extracranial malignant germ cell tumours: A report of the Malignant Germ Cell International Consortium. <i>European Journal of Cancer</i> , 2018, 98, 30-37.	1.3	38
25	“Future-Proofing” Blood Processing for Measurement of Circulating miRNAs in Samples from Biobanks and Prospective Clinical Trials. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 208-218.	1.1	28
26	Real-World Application of Pre-Orchiectomy miR-371a-3p Test in Testicular Germ Cell Tumor Management. <i>Journal of Urology</i> , 2021, 205, 137-144.	0.2	28
27	MicroRNA Dysregulation in Malignant Germ Cell Tumors: More Than a Biomarker?. <i>Journal of Clinical Oncology</i> , 2019, 37, 1432-1435.	0.8	26
28	Serum Small RNA Sequencing and miR-375 Assay Do Not Identify the Presence of Pure Teratoma at Postchemotherapy Retroperitoneal Lymph Node Dissection. <i>European Urology Open Science</i> , 2021, 26, 83-87.	0.2	26
29	Intra-abdominal metastasis of an intracranial germinoma via ventriculo-peritoneal shunt in a 13-year-old female. <i>British Journal of Neurosurgery</i> , 2011, 25, 747-749.	0.4	25
30	Cost Analysis of Noninvasive Blood-Based MicroRNA Testing Versus CT Scans for Follow-up in Patients With Testicular Germ-Cell Tumors. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e733-e744.	0.9	25
31	Age-related biological features of germ cell tumors. <i>Genes Chromosomes and Cancer</i> , 2014, 53, 215-227.	1.5	24
32	Germ cell tumours in children and adolescents. <i>Paediatrics and Child Health (United Kingdom)</i> , 2010, 20, 109-116.	0.2	22
33	Is carboplatin-based chemotherapy as effective as cisplatin-based chemotherapy in the treatment of advanced-stage dysgerminoma in children, adolescents and young adults?. <i>Gynecologic Oncology</i> , 2018, 150, 253-260.	0.6	21
34	Ovarian Yolk Sac Tumors; Does Age Matter?. <i>International Journal of Gynecological Cancer</i> , 2018, 28, 77-84.	1.2	19
35	Clonal hematopoiesis and therapy-related myeloid neoplasms following neuroblastoma treatment. <i>Blood</i> , 2021, 137, 2992-2997.	0.6	19
36	A Multi-institutional Pooled Analysis Demonstrates That Circulating miR-371a-3p Alone is Sufficient for Testicular Malignant Germ Cell Tumor Diagnosis. <i>Clinical Genitourinary Cancer</i> , 2021, 19, 469-479.	0.9	19

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37	Clinical utility of circulating miR-371a-3p for the management of patients with intracranial malignant germ cell tumors. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa048.	0.4	17
38	The developmental origin of cancers defines basic principles of cisplatin resistance. <i>Cancer Letters</i> , 2021, 519, 199-210.	3.2	17
39	Biallelic somatic SMARCA4 mutations in small cell carcinoma of the ovary, hypercalcemic type (SCCOHT). <i>Pediatric Blood and Cancer</i> , 2015, 62, 728-730.	0.8	16
40	Biological material collection to advance translational research and treatment of children with CNS tumours: position paper from the SIOPE Brain Tumour Group. <i>Lancet Oncology</i> , The, 2018, 19, e419-e428.	5.1	16
41	The NHS England 100,000 Genomes Project: feasibility and utility of centralised genome sequencing for children with cancer. <i>British Journal of Cancer</i> , 2022, 127, 137-144.	2.9	16
42	A Robust Protocol to Quantify Circulating Cancer Biomarker MicroRNAs. <i>Methods in Molecular Biology</i> , 2017, 1580, 265-279.	0.4	14
43	Impact of circulating microRNA test (miRNA-371a-3p) on appropriateness of treatment and cost outcomes in patients with Stage I non-seminomatous germ cell tumours. <i>BJU International</i> , 2020, 128, 57-64.	1.3	14
44	A rare case of paediatric astroblastoma with concomitant MN1 and EWSR1-PATZ1 gene fusions altering management. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 882-888.	1.8	14
45	Treatment of wild-type gastrointestinal stromal tumor (WT-GIST) with imatinib and sunitinib. <i>Pediatric Blood and Cancer</i> , 2008, 50, 386-388.	0.8	13
46	Adolescents and Young Adults With a "Rare" Cancer: Getting Past Semantics to Optimal Care for Patients With Germ Cell Tumors. <i>Oncologist</i> , 2014, 19, 689-692.	1.9	13
47	Recurrent ovarian immature teratoma in a 12-year-old girl: Implications for management. <i>Gynecologic Oncology</i> , 2019, 154, 259-265.	0.6	12
48	Circulating microRNAs as biomarkers to assist the management of the malignant germ-cell-tumour subtype choriocarcinoma. <i>Translational Oncology</i> , 2021, 14, 100904.	1.7	12
49	Symptom interval and treatment burden for patients with malignant central nervous system germ cell tumours. <i>Archives of Disease in Childhood</i> , 2020, 105, 247-252.	1.0	12
50	Pattern of treatment failures in patients with central nervous system non-germinomatous germ cell tumors (CNS-NGGCT): A pooled analysis of clinical trials. <i>Neuro-Oncology</i> , 2022, 24, 1950-1961.	0.6	12
51	Sequencing advances understanding. <i>Nature Reviews Urology</i> , 2018, 15, 79-80.	1.9	11
52	The relative accuracy of mercury, Tempa-DOT and FeverScan thermometers. <i>Early Human Development</i> , 1998, 53, 171-178.	0.8	10
53	Non-irradiated female survivors of childhood acute lymphoblastic leukaemia are at risk of long-term increases in weight and body mass index. <i>British Journal of Haematology</i> , 2013, 163, 510-513.	1.2	10
54	Delphi method to identify expert opinion to support children's cancer referral guidelines. <i>Archives of Disease in Childhood</i> , 2020, 105, 241-246.	1.0	10

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55	Circulating MicroRNAs for Detection of Germ Cell Tumours: A Narrative Review. <i>European Urology Focus</i> , 2022, 8, 660-662.	1.6	10
56	Mediastinal masses masquerading as common respiratory conditions of childhood: a case series. <i>European Journal of Pediatrics</i> , 2009, 168, 1395-1399.	1.3	9
57	Breaking down barriers: improving outcomes for teenagers and young adults with germ cell tumours. <i>Oncology Reviews</i> , 2009, 3, 201-206.	0.8	8
58	Weight-based determination of spinal canal depth for paediatric lumbar punctures. <i>Archives of Disease in Childhood</i> , 2013, 98, 877-880.	1.0	8
59	Can circulating microRNAs solve clinical dilemmas in testicular germ cell malignancy?. <i>Nature Reviews Urology</i> , 2019, 16, 505-506.	1.9	8
60	Outcomes of adolescent males with extracranial metastatic germ cell tumors: A report from the Malignant Germ Cell Tumor International Consortium. <i>Cancer</i> , 2021, 127, 193-202.	2.0	8
61	A Randomized Study to Validate a Midspinal Canal Depth Nomogram in Neonates. <i>American Journal of Perinatology</i> , 2009, 26, 733-738.	0.6	7
62	AYA testis cancer: The unmet challenge. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27796.	0.8	6
63	Development of a Data Model and Data Commons for Germ Cell Tumors. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 555-566.	1.0	6
64	The Road Ahead for Circulating microRNAs in Diagnosis and Management of Testicular Germ Cell Tumors. <i>Molecular Diagnosis and Therapy</i> , 2021, 25, 269-271.	1.6	6
65	Lingual Alveolar Soft Part Sarcoma in a 1-Year-Old Infant: Youngest Reported Case With Characteristic ASPSCR1-TFE3 Fusion. <i>Pediatric and Developmental Pathology</i> , 2019, 22, 391-395.	0.5	4
66	Vinblastine monotherapy induction prior to radiotherapy for patients with intracranial germinoma during the COVID-19 pandemic. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29359.	0.8	4
67	Pre-Implementation Assessment of the Acceptability of Using Circulating microRNAs for Follow-Up of Malignant Germ-Cell Tumors. <i>Clinical Genitourinary Cancer</i> , 2021, 19, 381-387.	0.9	4
68	A Circulating MicroRNA Panel for Malignant Germ Cell Tumor Diagnosis and Monitoring. <i>Methods in Molecular Biology</i> , 2021, 2195, 225-243.	0.4	4
69	Imaging response assessment for CNS germ cell tumours: consensus recommendations from the European Society for Paediatric Oncology Brain Tumour Group and North American Children's Oncology Group. <i>Lancet Oncology</i> , The, 2022, 23, e218-e228.	5.1	4
70	Fifteen-minute consultation: A general paediatrician's guide to oncological abdominal masses. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2019, 104, 129-134.	0.3	3
71	An infant with ETV6-NTRK3 fusion-positive congenital infantile fibrosarcoma and delayed response to conventional chemotherapy avoiding the need for TRK inhibition. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28628.	0.8	3
72	Appropriateness of Abdominal Aortic Aneurysm Screening With Ultrasound: Potential Cost Savings With Guideline Adherence and Review of Prior Imaging. <i>Canadian Association of Radiologists Journal</i> , 2020, 72, 084653712092086.	1.1	3

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73	Acute lymphoblastic leukemia masquerading as juvenile rheumatoid arthritis: no association with survival. <i>Annals of Hematology</i> , 2010, 89, 1065-1065.	0.8	2
74	Karyotype result prior to surgery in patients with suspected ovarian germ cell tumors. <i>Pediatric Blood and Cancer</i> , 2011, 57, 1090-1090.	0.8	2
75	No correlation between estimated and actual glomerular filtration rates in pediatric oncology patients. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1301-1302.	0.8	2
76	Hodgkin Lymphoma Presenting With Spinal Cord Compression: Challenges for Diagnosis and Initial Management. <i>Pediatric and Developmental Pathology</i> , 2022, 25, 168-173.	0.5	2
77	<i>Staphylococcus aureus</i> meningitis secondary to occult spinal extradural abscess. <i>European Journal of Pediatrics</i> , 2008, 167, 1191-1194.	1.3	1
78	A Retrospective Study of Malaria in Pediatric Oncology Patients in Senegal. <i>Journal of Pediatric Hematology/Oncology</i> , 2011, 33, 325-329.	0.3	1
79	Serum microRNA screening for <i>DICER1</i> associated pleuropulmonary blastoma. <i>Pediatric Blood and Cancer</i> , 2014, 61, 2329-2330.	0.8	1
80	Developing and Using a Data Commons for Understanding the Molecular Characteristics of Germ Cell Tumors. <i>Methods in Molecular Biology</i> , 2021, 2195, 263-275.	0.4	1
81	GCT-12. SIOP CNS GCT II: High Risk (HR) CNS Non-germinomatous Germ Cell Tumours (NGGCT) treated with Dose intensified PEI – final results. <i>Neuro-Oncology</i> , 2022, 24, i56-i57.	0.6	1
82	A rare case of bone marrow infiltration by medulloblastoma in a child. <i>British Journal of Haematology</i> , 2019, 185, 1015-1015.	1.2	0
83	GCT-48. OUTCOME OF CNS MALIGNANT NON-GERMINOMATOUS GERM CELL TUMORS (GCT) WITH AFP > 1000 ng/ml AT DIAGNOSIS TREATED ACCORDING TO SIOP CNS GCT 96. <i>Neuro-Oncology</i> , 2020, 22, iii337-iii338.	0.6	0
84	GCT-61. CORRELATION OF PATTERNS OF DISEASE RECURRENCE WITH RADIOTHERAPY TECHNIQUES AND DOSE IN INTRACRANIAL GERM CELL TUMOURS (icGCT): LESSONS FROM THE UK COHORT OF SIOP GCT96 STUDY. <i>Neuro-Oncology</i> , 2020, 22, iii340-iii340.	0.6	0
85	GCT-20. EVALUATION OF NEURORADIOLOGICAL RESPONSE TO INDUCTION CHEMOTHERAPY FOR PATIENTS WITH LOCALISED GERMINOMA IN THE SIOP CNS GCT II TRIAL. <i>Neuro-Oncology</i> , 2020, 22, iii331-iii332.	0.6	0
86	Comment on: Standardizing the surgical management of benign ovarian tumors in children and adolescents: A best practice Delphi consensus statement. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29690.	0.8	0