

C Ryan Miller

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2440710/c-ryan-miller-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

114
papers

16,396
citations

45
h-index

120
g-index

120
ext. papers

19,640
ext. citations

7.9
avg, IF

5.38
L-index

#	Paper	IF	Citations
114	Type 1 diabetes and oral health: Findings from the Epidemiology of Diabetes Interventions and Complications (EDIC) study.. <i>Journal of Diabetes and Its Complications</i> , 2022 , 108120	3.2	0
113	Immunohistochemical evaluation of immune cell infiltration in canine gliomas. <i>Veterinary Pathology</i> , 2021 , 58, 952-963	2.8	1
112	Inhibition of Colony-Stimulating Factor-1 Receptor Enhances the Efficacy of Radiotherapy and Reduces Immune Suppression in Glioblastoma. <i>In Vivo</i> , 2021 , 35, 119-129	2.3	6
111	Mapping uncharted territory: a gene expression signature for precision glioblastoma therapeutics. <i>Neuro-Oncology</i> , 2020 , 22, 1713-1714	1	
110	Development and in vivo evaluation of Irinotecan-loaded Drug Eluting Seeds (IDES) for the localised treatment of recurrent glioblastoma multiforme. <i>Journal of Controlled Release</i> , 2020 , 324, 1-16 ^{11.7}	11.7	4
109	Comparative Molecular Life History of Spontaneous Canine and Human Gliomas. <i>Cancer Cell</i> , 2020 , 37, 243-257.e7	24.3	21
108	Generation and Profiling of Tumor-Homing Induced Neural Stem Cells from the Skin of Cancer Patients. <i>Molecular Therapy</i> , 2020 , 28, 1614-1627	11.7	6
107	Recent developments and future directions in adult lower-grade gliomas: Society for Neuro-Oncology (SNO) and European Association of Neuro-Oncology (EANO) consensus. <i>Neuro-Oncology</i> , 2019 , 21, 837-853	1	37
106	IL-11 Induces Encephalitogenic Th17 Cells in Multiple Sclerosis and Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2019 , 203, 1142-1150	5.3	9
105	Canine Primary Intracranial Cancer: A Clinicopathologic and Comparative Review of Glioma, Meningioma, and Choroid Plexus Tumors. <i>Frontiers in Oncology</i> , 2019 , 9, 1151	5.3	22
104	Tryptophan Metabolism Contributes to Radiation-Induced Immune Checkpoint Reactivation in Glioblastoma. <i>Clinical Cancer Research</i> , 2018 , 24, 3632-3643	12.9	29
103	Phase I/II trial of vorinostat combined with temozolomide and radiation therapy for newly diagnosed glioblastoma: results of Alliance N0874/ABTC 02. <i>Neuro-Oncology</i> , 2018 , 20, 546-556	1	58
102	Sustained Delivery of Doxorubicin via Acetalated Dextran Scaffold Prevents Glioblastoma Recurrence after Surgical Resection. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1309-1318	5.6	26
101	Cross-species transcriptional analysis reveals conserved and host-specific neoplastic processes in mammalian glioma. <i>Scientific Reports</i> , 2018 , 8, 1180	4.9	15
100	Frequency of breast cancer subtypes among African American women in the AMBER consortium. <i>Breast Cancer Research</i> , 2018 , 20, 12	8.3	21
99	Atrx inactivation drives disease-defining phenotypes in glioma cells of origin through global epigenomic remodeling. <i>Nature Communications</i> , 2018 , 9, 1057	17.4	39
98	MerTK as a therapeutic target in glioblastoma. <i>Neuro-Oncology</i> , 2018 , 20, 92-102	1	37

97	Intra-cavity stem cell therapy inhibits tumor progression in a novel murine model of medulloblastoma surgical resection. <i>PLoS ONE</i> , 2018 , 13, e0198596	3.7	7
96	PIK3CA missense mutations promote glioblastoma pathogenesis, but do not enhance targeted PI3K inhibition. <i>PLoS ONE</i> , 2018 , 13, e0200014	3.7	16
95	A Revised Diagnostic Classification of Canine Glioma: Towards Validation of the Canine Glioma Patient as a Naturally Occurring Preclinical Model for Human Glioma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 1039-1054	3.1	56
94	LCCC 1025: a phase II study of everolimus, trastuzumab, and vinorelbine to treat progressive HER2-positive breast cancer brain metastases. <i>Breast Cancer Research and Treatment</i> , 2018 , 171, 637-648	4.4	22
93	Intrinsic Astrocyte Heterogeneity Influences Tumor Growth in Glioma Mouse Models. <i>Brain Pathology</i> , 2017 , 27, 36-50	6	23
92	Tumor-homing cytotoxic human induced neural stem cells for cancer therapy. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	53
91	Genomic profiles of low-grade murine gliomas evolve during progression to glioblastoma. <i>Neuro-Oncology</i> , 2017 , 19, 1237-1247	1	9
90	Combined kinase inhibitors of MEK1/2 and either PI3K or PDGFR are efficacious in intracranial triple-negative breast cancer. <i>Neuro-Oncology</i> , 2017 , 19, 1481-1493	1	23
89	The brain microenvironment mediates resistance in luminal breast cancer to PI3K inhibition through HER3 activation. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	60
88	Combination therapy with potent PI3K and MAPK inhibitors overcomes adaptive kinome resistance to single agents in preclinical models of glioblastoma. <i>Neuro-Oncology</i> , 2017 , 19, 1469-1480	1	28
87	Pharmacokinetics and efficacy of doxorubicin-loaded plant virus nanoparticles in preclinical models of cancer. <i>Nanomedicine</i> , 2017 , 12, 2519-2532	5.6	10
86	Putting "multiforme" back into glioblastoma: intratumoral transcriptome heterogeneity is a consequence of its complex morphology. <i>Neuro-Oncology</i> , 2017 , 19, 1570-1571	1	2
85	Cthrc1 lowers pulmonary collagen associated with bleomycin-induced fibrosis and protects lung function. <i>Physiological Reports</i> , 2017 , 5, e131115	2.6	10
84	Ki-67 Expression in Breast Cancer Tissue Microarrays: Assessing Tumor Heterogeneity, Concordance With Full Section, and Scoring Methods. <i>American Journal of Clinical Pathology</i> , 2017 , 148, 108-118	1.9	9
83	Pineal Region Glioblastoma, a Case Report and Literature Review. <i>Frontiers in Oncology</i> , 2017 , 7, 123	5.3	10
82	Paired Expression Analysis of Tumor Cell Surface Antigens. <i>Frontiers in Oncology</i> , 2017 , 7, 173	5.3	8
81	BRAF Mutations Open Doors for N-Ethyl-N-Nitrosourea-Induced Gliomagenesis. <i>American Journal of Pathology</i> , 2016 , 186, 2551-4	5.8	2
80	Hematopoietic Stem cell transplantation and lentiviral vector-based gene therapy for Krabbe's disease: Present convictions and future prospects. <i>Journal of Neuroscience Research</i> , 2016 , 94, 1152-68	4.4	11

79	Reactive astrocytes potentiate tumor aggressiveness in a murine glioma resection and recurrence model. <i>Neuro-Oncology</i> , 2016 , 18, 1622-1633	1	68
78	Performance of Three-Biomarker Immunohistochemistry for Intrinsic Breast Cancer Subtyping in the AMBER Consortium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 470-8	4	42
77	Therapeutically engineered induced neural stem cells are tumour-homing and inhibit progression of glioblastoma. <i>Nature Communications</i> , 2016 , 7, 10593	17.4	84
76	Molecular Profiling Reveals Biologically Discrete Subsets and Pathways of Progression in Diffuse Glioma. <i>Cell</i> , 2016 , 164, 550-63	56.2	1140
75	Core pathway mutations induce de-differentiation of murine astrocytes into glioblastoma stem cells that are sensitive to radiation but resistant to temozolomide. <i>Neuro-Oncology</i> , 2016 , 18, 962-73	1	21
74	TMOD-34. REACTIVE ASTROCYTES POTENTIATE TUMOR AGGRESSIVENESS IN A MURINE GLIOMA RESECTION AND RECURRENCE MODEL. <i>Neuro-Oncology</i> , 2016 , 18, vi214-vi214	1	1
73	Creation of an NCI comparative brain tumor consortium: informing the translation of new knowledge from canine to human brain tumor patients. <i>Neuro-Oncology</i> , 2016 , 18, 1209-18	1	61
72	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015 , 372, 2481-98	59.2	1828
71	IL2 Inducible T-cell Kinase, a Novel Therapeutic Target in Melanoma. <i>Clinical Cancer Research</i> , 2015 , 21, 2167-76	12.9	12
70	Ras-mediated modulation of pyruvate dehydrogenase activity regulates mitochondrial reserve capacity and contributes to glioblastoma tumorigenesis. <i>Neuro-Oncology</i> , 2015 , 17, 1220-30	1	26
69	Contemporary murine models in preclinical astrocytoma drug development. <i>Neuro-Oncology</i> , 2015 , 17, 12-28	1	19
68	Efficacy of Carboplatin Alone and in Combination with ABT888 in Intracranial Murine Models of BRCA-Mutated and BRCA-Wild-Type Triple-Negative Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 920-30	6.1	50
67	ASC deficiency suppresses proliferation and prevents medulloblastoma incidence. <i>Oncogene</i> , 2015 , 34, 394-402	9.2	8
66	ClearCode34: A prognostic risk predictor for localized clear cell renal cell carcinoma. <i>European Urology</i> , 2014 , 66, 77-84	10.2	169
65	B-crystallin: a novel regulator of breast cancer metastasis to the brain. <i>Clinical Cancer Research</i> , 2014 , 20, 56-67	12.9	70
64	Transformation of quiescent adult oligodendrocyte precursor cells into malignant glioma through a multistep reactivation process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4214-23	11.5	81
63	Where are we now? And where are we going? A report from the Accelerate Brain Cancer Cure (ABC2) low-grade glioma research workshop. <i>Neuro-Oncology</i> , 2014 , 16, 173-8	1	22
62	Modeling astrocytoma pathogenesis in vitro and in vivo using cortical astrocytes or neural stem cells from conditional, genetically engineered mice. <i>Journal of Visualized Experiments</i> , 2014 , e51763	1.6	9

61	NT-38MerTK AS A TARGET IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2014 , 16, v166-v167	1	78
60	Effects of tumor microenvironment heterogeneity on nanoparticle disposition and efficacy in breast cancer tumor models. <i>Clinical Cancer Research</i> , 2014 , 20, 6083-95	12.9	75
59	Development of DNA damage response signaling biomarkers using automated, quantitative image analysis. <i>Journal of Histochemistry and Cytochemistry</i> , 2014 , 62, 185-96	3.4	13
58	Erythropoietin promotes breast tumorigenesis through tumor-initiating cell self-renewal. <i>Journal of Clinical Investigation</i> , 2014 , 124, 553-63	15.9	42
57	Cerebellar granule neuron progenitors are the source of Hk2 in the postnatal cerebellum. <i>Cancer & Metabolism</i> , 2013 , 1, 15	5.4	6
56	The somatic genomic landscape of glioblastoma. <i>Cell</i> , 2013 , 155, 462-77	56.2	2900
55	Tumor-infiltrating lymphocytes in glioblastoma are associated with specific genomic alterations and related to transcriptional class. <i>Clinical Cancer Research</i> , 2013 , 19, 4951-60	12.9	134
54	Validation of interobserver agreement in lung cancer assessment: hematoxylin-eosin diagnostic reproducibility for non-small cell lung cancer: the 2004 World Health Organization classification and therapeutically relevant subsets. <i>Archives of Pathology and Laboratory Medicine</i> , 2013 , 137, 32-40	5	43
53	Prediction of lung cancer histological types by RT-qPCR gene expression in FFPE specimens. <i>Journal of Molecular Diagnostics</i> , 2013 , 15, 485-97	5.1	11
52	Hexokinase-2-mediated aerobic glycolysis is integral to cerebellar neurogenesis and pathogenesis of medulloblastoma. <i>Cancer & Metabolism</i> , 2013 , 1, 2	5.4	71
51	Genome-wide profiles of CtBP link metabolism with genome stability and epithelial reprogramming in breast cancer. <i>Nature Communications</i> , 2013 , 4, 1449	17.4	89
50	Bax deficiency prolongs cerebellar neurogenesis, accelerates medulloblastoma formation and paradoxically increases both malignancy and differentiation. <i>Oncogene</i> , 2013 , 32, 2304-14	9.2	23
49	Cooperativity between MAPK and PI3K signaling activation is required for glioblastoma pathogenesis. <i>Neuro-Oncology</i> , 2013 , 15, 1317-29	1	39
48	The Role of Ect2 Nuclear RhoGEF Activity in Ovarian Cancer Cell Transformation. <i>Genes and Cancer</i> , 2013 , 4, 460-75	2.9	40
47	Evolutionary etiology of high-grade astrocytomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 17933-8	11.5	29
46	Pharmacokinetics and efficacy of PEGylated liposomal doxorubicin in an intracranial model of breast cancer. <i>PLoS ONE</i> , 2013 , 8, e61359	3.7	67
45	Histological predictors of outcome in ependymoma are dependent on anatomic site within the central nervous system. <i>Brain Pathology</i> , 2013 , 23, 584-94	6	45
44	Glioblastoma multiforme: relationship to subventricular zone and recurrence. <i>Neuroradiology Journal</i> , 2013 , 26, 542-7	2	14

43	MERTK receptor tyrosine kinase is a therapeutic target in melanoma. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2257-67	15.9	105
42	HIF1 α and HIF2 α independently activate SRC to promote melanoma metastases. <i>Journal of Clinical Investigation</i> , 2013 , 123, 2078-93	15.9	116
41	Markers of tyrosine kinase activity in eosinophilic esophagitis: a pilot study of the FIP1L1-PDGFR β fusion gene, pERK 1/2, and pSTAT5. <i>Ecological Management and Restoration</i> , 2012 , 25, 166-74	3	5
40	Genetically engineered mouse models of diffuse gliomas. <i>Brain Research Bulletin</i> , 2012 , 88, 72-9	3.9	18
39	An animal model of MYC-driven medulloblastoma. <i>Cancer Cell</i> , 2012 , 21, 155-67	24.3	217
38	LKB1/STK11 inactivation leads to expansion of a prometastatic tumor subpopulation in melanoma. <i>Cancer Cell</i> , 2012 , 21, 751-64	24.3	95
37	Diagnostic utility of major basic protein, eotaxin-3, and leukotriene enzyme staining in eosinophilic esophagitis. <i>American Journal of Gastroenterology</i> , 2012 , 107, 1503-11	0.7	65
36	Differential pathogenesis of lung adenocarcinoma subtypes involving sequence mutations, copy number, chromosomal instability, and methylation. <i>PLoS ONE</i> , 2012 , 7, e36530	3.7	158
35	RhoGDI2 antagonizes ovarian carcinoma growth, invasion and metastasis. <i>Small GTPases</i> , 2011 , 2, 202-210	10.7	28
34	Tryptase staining of mast cells may differentiate eosinophilic esophagitis from gastroesophageal reflux disease. <i>American Journal of Gastroenterology</i> , 2011 , 106, 264-71	0.7	81
33	Phosphatidylinositol 3-kinase pathway activation in breast cancer brain metastases. <i>Breast Cancer Research</i> , 2011 , 13, R125	8.3	63
32	Gene expression profiling of gliomas: merging genomic and histopathological classification for personalised therapy. <i>British Journal of Cancer</i> , 2011 , 104, 545-53	8.7	85
31	Gone FISHing: clinical lessons learned in brain tumor molecular diagnostics over the last decade. <i>Brain Pathology</i> , 2011 , 21, 57-73	6	76
30	The prognostic contribution of clinical breast cancer subtype, age, and race among patients with breast cancer brain metastases. <i>Cancer</i> , 2011 , 117, 1602-11	6.4	110
29	High XRCC1 protein expression is associated with poorer survival in patients with head and neck squamous cell carcinoma. <i>Clinical Cancer Research</i> , 2011 , 17, 6542-52	12.9	41
28	Lung squamous cell carcinoma mRNA expression subtypes are reproducible, clinically important, and correspond to normal cell types. <i>Clinical Cancer Research</i> , 2010 , 16, 4864-75	12.9	194
27	Integrated genomic analysis identifies clinically relevant subtypes of glioblastoma characterized by abnormalities in PDGFRA, IDH1, EGFR, and NF1. <i>Cancer Cell</i> , 2010 , 17, 98-110	24.3	4782
26	Malignant gliomas with primitive neuroectodermal tumor-like components: a clinicopathologic and genetic study of 53 cases. <i>Brain Pathology</i> , 2009 , 19, 81-90	6	129

25	Risk of recurrence of resected stage I non-small cell lung cancer in elderly patients as compared with younger patients. <i>Journal of Thoracic Oncology</i> , 2009 , 4, 1370-4	8.9	48
24	Modeling Astrocytomas in a Family of Inducible Genetically Engineered Mice: Implications for Preclinical Cancer Drug Development 2009 , 119-145		1
23	Cancer gene therapy 2009 , 589-612		2
22	Copy-number analysis of topoisomerase and thymidylate synthase genes in frozen and FFPE DNAs of colorectal cancers. <i>Pharmacogenomics</i> , 2008 , 9, 1459-66	2.6	22
21	A clinical model to estimate recurrence risk in resected stage I non-small cell lung cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2008 , 31, 22-8	2.7	26
20	Gray zones in brain tumor classification: evolving concepts. <i>Advances in Anatomic Pathology</i> , 2008 , 15, 287-97	5.1	29
19	Transglutaminase 2 inhibitor, KCC009, disrupts fibronectin assembly in the extracellular matrix and sensitizes orthotopic glioblastomas to chemotherapy. <i>Oncogene</i> , 2007 , 26, 2563-73	9.2	134
18	PTEN and phosphorylated AKT expression and prognosis in early- and late-stage non-small cell lung cancer. <i>Oncology Reports</i> , 2007 , 17, 853	3.5	5
17	Multifocal Langerhans cell histiocytosis of the pediatric spine: a case report and literature review. <i>Childs Nervous System</i> , 2007 , 23, 127-31	1.7	11
16	Glioblastoma. <i>Archives of Pathology and Laboratory Medicine</i> , 2007 , 131, 397-406	5	155
15	Clinical significance of prospective molecular genetic analysis of glial neoplasms: The Washington University FISH Laboratory experience. <i>FASEB Journal</i> , 2007 , 21, A26	0.9	
14	Pharmacogenomics of cancer chemotherapy-induced toxicity. <i>The Journal of Supportive Oncology</i> , 2007 , 5, 9-14		11
13	Significance of necrosis in grading of oligodendroglial neoplasms: a clinicopathologic and genetic study of newly diagnosed high-grade gliomas. <i>Journal of Clinical Oncology</i> , 2006 , 24, 5419-26	2.2	140
12	Delta24-hyCD adenovirus suppresses glioma growth in vivo by combining oncolysis and chemosensitization. <i>Cancer Gene Therapy</i> , 2005 , 12, 284-94	5.4	51
11	Cancer gene therapy 2003 , 583-613		1
10	Quantitation of cytosine deaminase mRNA by real-time reverse transcription polymerase chain reaction: a sensitive method for assessing 5-fluorocytosine toxicity in vitro. <i>Analytical Biochemistry</i> , 2002 , 301, 189-99	3.1	5
9	Application of molecular biology studies to gene therapy treatment strategies. <i>World Journal of Surgery</i> , 2002 , 26, 854-60	3.3	7
8	Intratumoral 5-fluorouracil produced by cytosine deaminase/5-fluorocytosine gene therapy is effective for experimental human glioblastomas. <i>Cancer Research</i> , 2002 , 62, 773-80	10.1	83

7	Induction of thymidine phosphorylase in both irradiated and shielded, contralateral human U87MG glioma xenografts: implications for a dual modality treatment using capecitabine and irradiation. <i>Molecular Cancer Therapeutics</i> , 2002 , 1, 1139-45	6.1	25
6	A system for the propagation of adenoviral vectors with genetically modified receptor specificities. <i>Nature Biotechnology</i> , 1999 , 17, 470-5	44.5	127
5	Retargeting to EGFR enhances adenovirus infection efficiency of squamous cell carcinoma. <i>JAMA Otolaryngology</i> , 1999 , 125, 856-63		59
4	An adenovirus vector with genetically modified fibers demonstrates expanded tropism via utilization of a coxsackievirus and adenovirus receptor-independent cell entry mechanism. <i>Journal of Virology</i> , 1998 , 72, 9706-13	6.6	663
3	Characterization of an adenovirus vector containing a heterologous peptide epitope in the HI loop of the fiber knob. <i>Journal of Virology</i> , 1998 , 72, 1844-52	6.6	258
2	Development of monoclonal antibodies to the malondialdehyde-deoxyguanosine adduct, pyrimidopurinone. <i>Chemical Research in Toxicology</i> , 1997 , 10, 172-80	4	40
1	Comparative molecular life history of spontaneous canine and human gliomas		1