

Justin D Lathia

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8697865/justin-d-lathia-publications-by-year.pdf>

Version: 2024-04-28

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.

138
papers

9,351
citations

45
h-index

96
g-index

169
ext. papers

11,800
ext. citations

9.7
avg, IF

6.23
L-index

#	Paper	IF	Citations
138	Pharmacokinetic and brain distribution study of an anti-glioblastoma agent in mice by HPLC-MS/MS.. <i>Biomedical Chromatography</i> , 2022 , e5310	1.7	0
137	Independently validated sex-specific nomograms for predicting survival in patients with newly diagnosed glioblastoma: NRG Oncology RTOG 0525 and 0825. <i>Journal of Neuro-Oncology</i> , 2021 , 155, 363-372	4.8	2
136	Cancer stem cells: advances in biology and clinical translation-a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021 ,	6.5	1
135	A circuitous route to GBM stem cell signalling. <i>Nature Cell Biology</i> , 2021 , 23, 211-212	23.4	0
134	Development of near-infrared imaging agents for detection of junction adhesion molecule-A protein. <i>Translational Oncology</i> , 2021 , 14, 101007	4.9	1
133	Sex Differences in Glioblastoma Immunotherapy Response. <i>NeuroMolecular Medicine</i> , 2021 , 1	4.6	2
132	Altered lipid metabolism marks glioblastoma stem and non-stem cells in separate tumor niches. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 101	7.3	9
131	Development of an arteriolar niche and self-renewal of breast cancer stem cells by lysophosphatidic acid/protein kinase D signaling. <i>Communications Biology</i> , 2021 , 4, 780	6.7	0
130	OMIC-10. TRANSCRIPTOMIC ANALYSIS REVEALS SEX DIFFERENCES IN PEDIATRIC BRAIN MECHANISMS. <i>Neuro-Oncology</i> , 2021 , 23, i39-i39	1	78
129	Cancer stem cell-immune cell crosstalk in tumour progression. <i>Nature Reviews Cancer</i> , 2021 , 21, 526-536	31.3	41
128	The evolution of the cancer stem cell state in glioblastoma: emerging insights into the next generation of functional interactions. <i>Neuro-Oncology</i> , 2021 , 23, 199-213	1	11
127	Comprehensive characterization of protein-protein interactions perturbed by disease mutations. <i>Nature Genetics</i> , 2021 , 53, 342-353	36.3	27
126	Seeing the GBM diversity spectrum.. <i>Nature Cancer</i> , 2021 , 2, 135-137	15.4	2
125	Cancer cell heterogeneity & plasticity in glioblastoma and brain tumors. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	10
124	Go, cancer stem cell, go! CSCs overcome myelin inhibition to move within white matter pathways. <i>Brain</i> , 2021 , 144, 357-360	11.2	
123	Multimodal single-cell/nucleus RNA sequencing data analysis uncovers molecular networks between disease-associated microglia and astrocytes with implications for drug repurposing in Alzheimer's disease. <i>Genome Research</i> , 2021 , 31, 1900-1912	9.7	13
122	Small-Molecule HSP27 Inhibitor Abolishes Androgen Receptors in Glioblastoma. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 1570-1583	8.3	3

121	Asymmetric cell division promotes therapeutic resistance in glioblastoma stem cells. <i>JCI Insight</i> , 2021 , 6,	9.9	3
120	Neutralizing shapeshifting pericytes enhances glioblastoma therapeutic efficacy. <i>Cell Research</i> , 2021 , 31, 1039-1040	24.7	1
119	The Translocator Protein () Genetic Polymorphism A147T Is Associated with Worse Survival in Male Glioblastoma Patients. <i>Cancers</i> , 2021 , 13,	6.6	1
118	Severe consequences of a high-lipid diet include hydrogen sulfide dysfunction and enhanced aggression in glioblastoma. <i>Journal of Clinical Investigation</i> , 2021 ,	15.9	6
117	Bazedoxifene inhibits sustained STAT3 activation and increases survival in GBM. <i>Translational Oncology</i> , 2021 , 14, 101192	4.9	1
116	Sex Differences in Cancer Incidence and Survival: A Pan-Cancer Analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1389-1397	4	27
115	MBOAT7-driven phosphatidylinositol remodeling promotes the progression of clear cell renal carcinoma. <i>Molecular Metabolism</i> , 2020 , 34, 136-145	8.8	9
114	Gliomas display distinct sex-based differential methylation patterns based on molecular subtype. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa002	0.9	4
113	Glioblastoma Myeloid-Derived Suppressor Cell Subsets Express Differential Macrophage Migration Inhibitory Factor Receptor Profiles That Can Be Targeted to Reduce Immune Suppression. <i>Frontiers in Immunology</i> , 2020 , 11, 1191	8.4	37
112	JAM-A functions as a female microglial tumor suppressor in glioblastoma. <i>Neuro-Oncology</i> , 2020 , 22, 1591-1601	1	15
111	Identifying conserved molecular targets required for cell migration of glioblastoma cancer stem cells. <i>Cell Death and Disease</i> , 2020 , 11, 152	9.8	9
110	Optimising gene editing for cancer therapy. <i>Nature Cell Biology</i> , 2020 , 22, 259-261	23.4	4
109	Sexually dimorphic impact of the iron-regulating gene, , on survival in glioblastoma. <i>Neuro-Oncology Advances</i> , 2020 , 2, vdaa001	0.9	1
108	Myeloid-Derived Suppressor Cell Subsets Drive Glioblastoma Growth in a Sex-Specific Manner. <i>Cancer Discovery</i> , 2020 , 10, 1210-1225	24.4	49
107	SATB2 drives glioblastoma growth by recruiting CBP to promote FOXM1 expression in glioma stem cells. <i>EMBO Molecular Medicine</i> , 2020 , 12, e12291	12	12
106	ADAMDEC1 and FGF2/FGFR1 signaling constitute a positive feedback loop to maintain GBM cancer stem cells. <i>Molecular and Cellular Oncology</i> , 2020 , 7, 1684787	1.2	4
105	Junctional Adhesion Molecules in Cancer: A Paradigm for the Diverse Functions of Cell-Cell Interactions in Tumor Progression. <i>Cancer Research</i> , 2020 , 80, 4878-4885	10.1	13
104	Connexins in Cancer: Jekyll or Hyde?. <i>Biomolecules</i> , 2020 , 10,	5.9	8

103	The dystroglycan receptor maintains glioma stem cells in the vascular niche. <i>Acta Neuropathologica</i> , 2019 , 138, 1033-1052	14.3	12
102	A Systems Pharmacology Approach Uncovers Wogonoside as an Angiogenesis Inhibitor of Triple-Negative Breast Cancer by Targeting Hedgehog Signaling. <i>Cell Chemical Biology</i> , 2019 , 26, 1143-1158.e6 ²³	8.2	23
101	Sex is an important prognostic factor for glioblastoma but not for nonglioblastoma. <i>Neuro-Oncology Practice</i> , 2019 , 6, 451-462	2.2	17
100	Development of a Cx46 Targeting Strategy for Cancer Stem Cells. <i>Cell Reports</i> , 2019 , 27, 1062-1072.e5	10.6	18
99	High-Throughput Automated Single-Cell Imaging Analysis Reveals Dynamics of Glioblastoma Stem Cell Population During State Transition. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019 , 95, 290-301	4.6	7
98	Recasting the Cancer Stem Cell Hypothesis: Unification Using a Continuum Model of Microenvironmental Forces. <i>Current Stem Cell Reports</i> , 2019 , 5, 22-30	1.8	7
97	Sex-specific gene and pathway modeling of inherited glioma risk. <i>Neuro-Oncology</i> , 2019 , 21, 71-82	1	19
96	ADAMDEC1 Maintains a Growth Factor Signaling Loop in Cancer Stem Cells. <i>Cancer Discovery</i> , 2019 , 9, 1574-1589	24.4	28
95	The metalloproteinase ADAMDEC1 maintains a novel growth factor signalling loop in glioblastoma cancer stem cells. <i>Neuro-Oncology</i> , 2019 , 21, iv1-iv1	1	78
94	Metronomic capecitabine as an immune modulator in glioblastoma patients reduces myeloid-derived suppressor cells. <i>JCI Insight</i> , 2019 , 4,	9.9	44
93	Phosphorylation of the histone demethylase KDM5B and regulation of the phenotype of triple negative breast cancer. <i>Scientific Reports</i> , 2019 , 9, 17663	4.9	11
92	Targeting Cancer Stemness in the Clinic: From Hype to Hope. <i>Cell Stem Cell</i> , 2019 , 24, 25-40	18	223
91	Sex differences in GBM revealed by analysis of patient imaging, transcriptome, and survival data. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	129
90	Homophilic CD44 Interactions Mediate Tumor Cell Aggregation and Polyclonal Metastasis in Patient-Derived Breast Cancer Models. <i>Cancer Discovery</i> , 2019 , 9, 96-113	24.4	142
89	Poly(ADP-Ribose) Polymerase Inhibition Sensitizes Colorectal Cancer-Initiating Cells to Chemotherapy. <i>Stem Cells</i> , 2019 , 37, 42-53	5.8	13
88	Females have the survival advantage in glioblastoma. <i>Neuro-Oncology</i> , 2018 , 20, 576-577	1	59
87	Cx26 drives self-renewal in triple-negative breast cancer via interaction with NANOG and focal adhesion kinase. <i>Nature Communications</i> , 2018 , 9, 578	17.4	45
86	Revealing the glioma cancer stem cell interactome, one niche at a time. <i>Journal of Pathology</i> , 2018 , 244, 260-264	9.4	20

85	Therapeutic Injury and Tumor Regrowth: Tumor Resection and Radiation Establish the Recurrent Glioblastoma Microenvironment. <i>EBioMedicine</i> , 2018 , 31, 13-14	8.8	4
84	An update on minding the gap in cancer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 237-243	3.3	21
83	Comparing and Contrasting the Effects of Condensin II Subunit dCAP-D3 Overexpression and Depletion. <i>Genetics</i> , 2018 , 210, 531-546	4	1
82	An anatomic transcriptional atlas of human glioblastoma. <i>Science</i> , 2018 , 360, 660-663	33.3	189
81	Sex-specific glioma genome-wide association study identifies new risk locus at 3p21.31 in females, and finds sex-differences in risk at 8q24.21. <i>Scientific Reports</i> , 2018 , 8, 7352	4.9	30
80	IMMU-70. GLOBAL IMMUNE FINGERPRINTING IN GLIOBLASTOMA REVEALS IMMUNE-SUPPRESSION SIGNATURES ASSOCIATED WITH PROGNOSIS. <i>Neuro-Oncology</i> , 2018 , 20, vi137-vi137	1.1	78
79	Global immune fingerprinting in glioblastoma patient peripheral blood reveals immune-suppression signatures associated with prognosis. <i>JCI Insight</i> , 2018 , 3,	9.9	85
78	Cancer Connectors: Connexins, Gap Junctions, and Communication. <i>Frontiers in Oncology</i> , 2018 , 8, 646	5.3	33
77	STEM-14. GROWTH FACTOR RECEPTOR CO-INHERITANCE DURING ASYMMETRIC CELL DIVISION DRIVES THE CANCER STEM CELL PHENOTYPE. <i>Neuro-Oncology</i> , 2018 , 20, vi246-vi246	1	78
76	Triggering Receptor Expressed on Myeloid Cells 2 Deficiency Alters Acute Macrophage Distribution and Improves Recovery after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2017 , 34, 423-435	5.4	49
75	Glioblastoma Cancer Stem Cells Evade Innate Immune Suppression of Self-Renewal through Reduced TLR4 Expression. <i>Cell Stem Cell</i> , 2017 , 20, 450-461.e4	18	104
74	Isolation, Characterization, and Expansion of Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2017 , 1553, 133-143	1.4	5
73	Brain Cancer Stem Cells in Adults and Children: Cell Biology and Therapeutic Implications. <i>Neurotherapeutics</i> , 2017 , 14, 372-384	6.4	51
72	The p38 signaling pathway mediates quiescence of glioma stem cells by regulating epidermal growth factor receptor trafficking. <i>Oncotarget</i> , 2017 , 8, 33316-33328	3.3	13
71	CD55 regulates self-renewal and cisplatin resistance in endometrioid tumors. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2715-2732	16.6	43
70	Macropinocytosis of Bevacizumab by Glioblastoma Cells in the Perivascular Niche Affects their Survival. <i>Clinical Cancer Research</i> , 2017 , 23, 7059-7071	12.9	21
69	New Advances and Challenges of Targeting Cancer Stem Cells. <i>Cancer Research</i> , 2017 , 77, 5222-5227	10.1	19
68	STAT3 activation by leptin receptor is essential for TNBC stem cell maintenance. <i>Endocrine-Related Cancer</i> , 2017 , 24, 415-426	5.7	30

67	Inhibition of Farnesyltransferase Potentiates NOTCH-Targeted Therapy against Glioblastoma Stem Cells. <i>Stem Cell Reports</i> , 2017 , 9, 1948-1960	8	15
66	Five-Part Pentameric Nanocomplex Shows Improved Efficacy of Doxorubicin in CD44+ Cancer Cells. <i>ACS Omega</i> , 2017 , 2, 7702-7713	3.9	6
65	Expression and prognostic value of JAM-A in gliomas. <i>Journal of Neuro-Oncology</i> , 2017 , 135, 107-117	4.8	8
64	Overview of Cancer Stem Cells and Stemness for Community Oncologists. <i>Targeted Oncology</i> , 2017 , 12, 387-399	5	68
63	RBP4-STRA6 Pathway Drives Cancer Stem Cell Maintenance and Mediates High-Fat Diet-Induced Colon Carcinogenesis. <i>Stem Cell Reports</i> , 2017 , 9, 438-450	8	47
62	Tetraspanin CD9 stabilizes gp130 by preventing its ubiquitin-dependent lysosomal degradation to promote STAT3 activation in glioma stem cells. <i>Cell Death and Differentiation</i> , 2017 , 24, 167-180	12.7	42
61	Transferrin receptor-1 and ferritin heavy and light chains in astrocytic brain tumors: Expression and prognostic value. <i>PLoS ONE</i> , 2017 , 12, e0182954	3.7	36
60	A 4-miRNA signature to predict survival in glioblastomas. <i>PLoS ONE</i> , 2017 , 12, e0188090	3.7	16
59	Metabolic targeting of EGFRvIII/PDK1 axis in temozolomide resistant glioblastoma. <i>Oncotarget</i> , 2017 , 8, 35639-35655	3.3	22
58	Insulin-mediated signaling promotes proliferation and survival of glioblastoma through Akt activation. <i>Neuro-Oncology</i> , 2016 , 18, 48-57	1	47
57	Regulation of Hepatic Triacylglycerol Metabolism by CGI-58 Does Not Require ATGL Co-activation. <i>Cell Reports</i> , 2016 , 16, 939-949	10.6	29
56	Enrichment and Interrogation of Cancer Stem Cells 2016 , 59-98		5
55	Adhering towards tumorigenicity: altered adhesion mechanisms in glioblastoma cancer stem cells. <i>CNS Oncology</i> , 2016 , 5, 251-9	4	15
54	Induction of HEXIM1 activities by HMBA derivative 4a1: Functional consequences and mechanism. <i>Cancer Letters</i> , 2016 , 379, 60-9	9.9	7
53	Pharmacological Targeting of the Histone Chaperone Complex FACT Preferentially Eliminates Glioblastoma Stem Cells and Prolongs Survival in Preclinical Models. <i>Cancer Research</i> , 2016 , 76, 2432-42	10.1	45
52	The intersection of cancer, cancer stem cells, and the immune system: therapeutic opportunities. <i>Neuro-Oncology</i> , 2016 , 18, 153-9	1	64
51	Coordination of self-renewal in glioblastoma by integration of adhesion and microRNA signaling. <i>Neuro-Oncology</i> , 2016 , 18, 656-66	1	26
50	Direct contact with perivascular tumor cells enhances integrin $\beta 3$ signaling and migration of endothelial cells. <i>Oncotarget</i> , 2016 , 7, 43852-43867	3.3	18

49	Increased cancer stem cell invasion is mediated by myosin IIB and nuclear translocation. <i>Oncotarget</i> , 2016 , 7, 47586-47592	3.3	14
48	Cisplatin induces stemness in ovarian cancer. <i>Oncotarget</i> , 2016 , 7, 30511-22	3.3	49
47	Cancer Stem Cell-Secreted Macrophage Migration Inhibitory Factor Stimulates Myeloid Derived Suppressor Cell Function and Facilitates Glioblastoma Immune Evasion. <i>Stem Cells</i> , 2016 , 34, 2026-39	5.8	133
46	Reporter Systems to Study Cancer Stem Cells. <i>Methods in Molecular Biology</i> , 2016 , 1516, 319-333	1.4	6
45	Taking a Toll on Self-Renewal: TLR-Mediated Innate Immune Signaling in Stem Cells. <i>Trends in Neurosciences</i> , 2016 , 39, 463-471	13.3	15
44	Migrating glioma cells express stem cell markers and give rise to new tumors upon xenografting. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 53-62	4.8	24
43	Development of a Sox2 reporter system modeling cellular heterogeneity in glioma. <i>Neuro-Oncology</i> , 2015 , 17, 361-71	1	18
42	Cancer stem cells in glioblastoma. <i>Genes and Development</i> , 2015 , 29, 1203-17	12.6	851
41	Differential connexin function enhances self-renewal in glioblastoma. <i>Cell Reports</i> , 2015 , 11, 1031-42	10.6	80
40	Feedback circuitry between miR-218 repression and RTK activation in glioblastoma. <i>Science Signaling</i> , 2015 , 8, ra42	8.8	11
39	Development of a Fluorescent Reporter System to Delineate Cancer Stem Cells in Triple-Negative Breast Cancer. <i>Stem Cells</i> , 2015 , 33, 2114-2125	5.8	53
38	Preferential Iron Trafficking Characterizes Glioblastoma Stem-like Cells. <i>Cancer Cell</i> , 2015 , 28, 441-455	24.3	160
37	A Tumor Suppressor Function for Notch Signaling in Forebrain Tumor Subtypes. <i>Cancer Cell</i> , 2015 , 28, 730-742	24.3	63
36	Cancer stem cells: targeting the roots of cancer, seeds of metastasis, and sources of therapy resistance. <i>Cancer Research</i> , 2015 , 75, 924-9	10.1	169
35	Awakening the Beast: Chemotherapeutic Activation of Cancer Stem Cells. <i>Science Translational Medicine</i> , 2015 , 7, 269ec3-269ec3	17.5	1
34	Cx25 contributes to leukemia cell communication and chemosensitivity. <i>Oncotarget</i> , 2015 , 6, 31508-21	3.3	17
33	Cancer stem cell-specific scavenger receptor CD36 drives glioblastoma progression. <i>Stem Cells</i> , 2014 , 32, 1746-58	5.8	127
32	Profilin-1 phosphorylation directs angiocrine expression and glioblastoma progression through HIF-1 β accumulation. <i>Nature Cell Biology</i> , 2014 , 16, 445-56	23.4	61

31	High-Speed Coherent Raman Fingerprint Imaging of Biological Tissues. <i>Nature Photonics</i> , 2014 , 8, 627-634, 9	260
30	The Lgr5 transgene is expressed specifically in glycinergic amacrine cells in the mouse retina. <i>Experimental Eye Research</i> , 2014 , 119, 106-10	3.7 18
29	High-throughput flow cytometry screening reveals a role for junctional adhesion molecule a as a cancer stem cell maintenance factor. <i>Cell Reports</i> , 2014 , 6, 117-29	10.6 61
28	Role of cysteine-rich 61 protein (CCN1) in macrophage-mediated oncolytic herpes simplex virus clearance. <i>Molecular Therapy</i> , 2014 , 22, 1678-87	11.7 32
27	Protecting the Fortress: Preventing Metastasis by Neutralizing Niche Homing. <i>Science Translational Medicine</i> , 2014 , 6,	17.5 1
26	Brain tumor initiating cells adapt to restricted nutrition through preferential glucose uptake. <i>Nature Neuroscience</i> , 2013 , 16, 1373-82	25.5 306
25	Glioblastoma stem cells generate vascular pericytes to support vessel function and tumor growth. <i>Cell</i> , 2013 , 153, 139-52	56.2 572
24	Laminin alpha 2 enables glioblastoma stem cell growth. <i>Annals of Neurology</i> , 2012 , 72, 766-78	9.4 117
23	Holding on to stemness. <i>Nature Cell Biology</i> , 2012 , 14, 450-2	23.4 4
22	The malignant social network: cell-cell adhesion and communication in cancer stem cells. <i>Cell Adhesion and Migration</i> , 2012 , 6, 346-55	3.2 34
21	MET signaling regulates glioblastoma stem cells. <i>Cancer Research</i> , 2012 , 72, 3828-38	10.1 130
20	Platelet-derived growth factor receptors differentially inform intertumoral and intratumoral heterogeneity. <i>Genes and Development</i> , 2012 , 26, 1247-62	12.6 75
19	Glioma stem cell proliferation and tumor growth are promoted by nitric oxide synthase-2. <i>Cell</i> , 2011 , 146, 53-66	56.2 240
18	Deadly teamwork: neural cancer stem cells and the tumor microenvironment. <i>Cell Stem Cell</i> , 2011 , 8, 482-5	18 182
17	Direct in vivo evidence for tumor propagation by glioblastoma cancer stem cells. <i>PLoS ONE</i> , 2011 , 6, e24867	9.7 99
16	Seeing is believing: are cancer stem cells the Loch Ness monster of tumor biology?. <i>Stem Cell Reviews and Reports</i> , 2011 , 7, 227-37	6.4 26
15	Targeting A20 decreases glioma stem cell survival and tumor growth. <i>PLoS Biology</i> , 2010 , 8, e1000319	9.7 103
14	Integrin alpha 6 regulates glioblastoma stem cells. <i>Cell Stem Cell</i> , 2010 , 6, 421-32	18 484

13	Notch promotes radioresistance of glioma stem cells. <i>Stem Cells</i> , 2010 , 28, 17-28	5.8	415
12	Blood vessels in neurological development and disease: more than silent spectators. <i>Future Neurology</i> , 2010 , 5, 779-781	1.5	
11	Hypoxia-inducible factors regulate tumorigenic capacity of glioma stem cells. <i>Cancer Cell</i> , 2009 , 15, 501-513	11.3	1005
10	Targeting interleukin 6 signaling suppresses glioma stem cell survival and tumor growth. <i>Stem Cells</i> , 2009 , 27, 2393-404	5.8	250
9	Laminin enhances the growth of human neural stem cells in defined culture media. <i>BMC Neuroscience</i> , 2008 , 9, 71	3.2	87
8	c-Myc is required for maintenance of glioma cancer stem cells. <i>PLoS ONE</i> , 2008 , 3, e3769	3.7	295
7	Myeloid-derived suppressor cell subsets drive glioblastoma growth in a sex-specific manner		1
6	Development of a Cx46 Targeting Strategy for Cancer Stem Cells. <i>SSRN Electronic Journal</i> ,	1	1
5	Integrin $\beta 4$ is downregulated in mutant IDH1 oligodendrogliomas, promotes glioma growth, and associates with a worse outcome in glioma patients		1
4	Disruption of the gut microbiota attenuates epithelial ovarian cancer sensitivity to cisplatin therapy		1
3	Development of a Cx46 targeting strategy for cancer stem cells		1
2	Cholangiocarcinoma presents a distinct myeloid-derived suppressor cell signature compared to other hepatobiliary cancers		1
1	Recasting the cancer stem cell hypothesis: unification using a continuum model of microenvironmental forces		1