

# Joseph Lewis Regan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2388582/publications.pdf>

Version: 2024-02-01

22  
papers

936  
citations

840119

11  
h-index

839053

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dissection of colorectal cancer in pre-clinical models identifies biomarkers predicting sensitivity to EGFR inhibitors. <i>Nature Communications</i> , 2017, 8, 14262.	5.8	260
2	Transcriptome analysis of mammary epithelial subpopulations identifies novel determinants of lineage commitment and cell fate. <i>BMC Genomics</i> , 2008, 9, 591.	1.2	151
3	Non-Canonical Hedgehog Signaling Is a Positive Regulator of the WNT Pathway and Is Required for the Survival of Colon Cancer Stem Cells. <i>Cell Reports</i> , 2017, 21, 2813-2828.	2.9	105
4	c-Kit is required for growth and survival of the cells of origin of Brca1-mutation-associated breast cancer. <i>Oncogene</i> , 2012, 31, 869-883.	2.6	92
5	Isolation of Mouse Mammary Epithelial Subpopulations: A Comparison of Leading Methods. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2012, 17, 91-97.	1.0	65
6	Aurora A Kinase Regulates Mammary Epithelial Cell Fate by Determining Mitotic Spindle Orientation in a Notch-Dependent Manner. <i>Cell Reports</i> , 2013, 4, 110-123.	2.9	59
7	Common Molecular Mechanisms of Mammary Gland Development and Breast Cancer. <i>Cellular and Molecular Life Sciences</i> , 2007, 64, 3248-3260.	2.4	50
8	Pregnancy in the mature adult mouse does not alter the proportion of mammary epithelial stem/progenitor cells. <i>Breast Cancer Research</i> , 2009, 11, R20.	2.2	44
9	PDE5 inhibition eliminates cancer stem cells via induction of PKA signaling. <i>Cell Death and Disease</i> , 2018, 9, 192.	2.7	33
10	Regulator of G-protein signalling 2 mRNA is differentially expressed in mammary epithelial subpopulations and over-expressed in the majority of breast cancers. <i>Breast Cancer Research</i> , 2007, 9, R85.	2.2	24
11	Prospective Isolation and Functional Analysis of Stem and Differentiated Cells from the Mouse Mammary Gland. <i>Stem Cell Reviews and Reports</i> , 2007, 3, 124-136.	5.6	21
12	Identification of a neural development gene expression signature in colon cancer stem cells reveals a role for EGR2 in tumorigenesis. <i>IScience</i> , 2022, 25, 104498.	1.9	9
13	Integrating single-cell RNA-sequencing and functional assays to decipher mammary cell states and lineage hierarchies. <i>Npj Breast Cancer</i> , 2020, 6, 32.	2.3	8
14	RNA sequencing of long-term label-retaining colon cancer stem cells identifies novel regulators of quiescence. <i>IScience</i> , 2021, 24, 102618.	1.9	6
15	Cell fate in colon cancer stem cells: To GLI or not to GLI?*. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1445940.	0.3	3
16	Generation of Patient-Derived Colorectal Cancer Organoids for RAS Studies. <i>Methods in Molecular Biology</i> , 2021, 2262, 349-360.	0.4	2
17	Protocol for isolation and functional validation of label-retaining quiescent colorectal cancer stem cells from patient-derived organoids for RNA-seq. <i>STAR Protocols</i> , 2022, 3, 101225.	0.5	2
18	Immunofluorescence staining of colorectal cancer patient-derived organoids. <i>Methods in Cell Biology</i> , 2022, , 163-171.	0.5	2

#	ARTICLE	IF	CITATIONS
19	Abstract 3875: Functional and molecular characterization of colon cancer stem cells in tumor heterogeneity and disease relapse using a 3D-model of patient-derived tumors. , 2014, , .		0
20	Abstract 977: 3D-models of patient-derived colon tumors for the identification of genetic factors important in the regulation of cancer stem cells. , 2015, , .		0
21	Abstract 1715: Whole transcriptome analysis of patient-derived 3D in vitro and xenograft models of colon cancer identifies placental genes required for the survival of cancer stem cells. , 2016, , .		0
22	Abstract 1714: The role of Hedgehog signaling in the regulation of human colon cancer stem cells. , 2016, , .		0