

# Francisco M Barriga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2872302/publications.pdf>

Version: 2024-02-01

18  
papers

2,303  
citations

567281

15  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

4888  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Intestinal Stem Cell Signature Identifies Colorectal Cancer Stem Cells and Predicts Disease Relapse. <i>Cell Stem Cell</i> , 2011, 8, 511-524.	11.1	811
2	Isolation and in vitro expansion of human colonic stem cells. <i>Nature Medicine</i> , 2011, 17, 1225-1227.	30.7	616
3	Mex3a Marks a Slowly Dividing Subpopulation of Lgr5+ Intestinal Stem Cells. <i>Cell Stem Cell</i> , 2017, 20, 801-816.e7.	11.1	158
4	A geneâ€environment-induced epigenetic program initiates tumorigenesis. <i>Nature</i> , 2021, 590, 642-648.	27.8	133
5	Colon cancer cells colonize the lung from established liver metastases through p38 MAPK signalling andÂPTH LH. <i>Nature Cell Biology</i> , 2014, 16, 685-694.	10.3	117
6	Collective cell migration and metastases induced by an epithelial-to-mesenchymal transition in <i>Drosophila</i> intestinal tumors. <i>Nature Communications</i> , 2019, 10, 2311.	12.8	78
7	Self-organized intestinal epithelial monolayers in crypt and villus-like domains show effective barrier function. <i>Scientific Reports</i> , 2019, 9, 10140.	3.3	71
8	Isolation of Human Colon Stem Cells Using Surface Expression of PTK7. <i>Stem Cell Reports</i> , 2015, 5, 979-987.	4.8	52
9	Conserved Mechanisms of Tumorigenesis in the <i>Drosophila</i> Adult Midgut. <i>PLoS ONE</i> , 2014, 9, e88413.	2.5	45
10	Base editing sensor libraries for high-throughput engineering and functional analysis of cancer-associated single nucleotide variants. <i>Nature Biotechnology</i> , 2022, 40, 862-873.	17.5	44
11	Somatic Tissue Engineering in Mouse Models Reveals an Actionable Role for WNT Pathway Alterations in Prostate Cancer Metastasis. <i>Cancer Discovery</i> , 2020, 10, 1038-1057.	9.4	37
12	Mex3a marks drug-tolerant persister colorectal cancer cells that mediate relapse after chemotherapy. <i>Nature Cancer</i> , 2022, 3, 1052-1070.	13.2	36
13	Senescence induction dictates response to chemo- and immunotherapy in preclinical models of ovarian cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	33
14	Bone Marrow Stromal Cells Modulate Mouse ENT1 Activity and Protect Leukemia Cells from Cytarabine Induced Apoptosis. <i>PLoS ONE</i> , 2012, 7, e37203.	2.5	30
15	Iro/IRX transcription factors negatively regulate $\text{TGF}\beta^2$ pathway activity during intestinal tumorigenesis. <i>EMBO Reports</i> , 2014, 15, 1210-1218.	4.5	28
16	KRAS mutant rectal cancer cells interact with surrounding fibroblasts to deplete the extracellular matrix. <i>Molecular Oncology</i> , 2021, 15, 2766-2781.	4.6	7
17	KRAS Mutants Upregulate Integrin $\beta 4$ to Promote Invasion and Metastasis in Colorectal Cancer. <i>Molecular Cancer Research</i> , 2022, 20, 1305-1319.	3.4	3
18	The viral nucleocapsid protein and the human RNA-binding protein Mex3A promote translation of the Andes orthohantavirusÂsmall mRNA. <i>PLoS Pathogens</i> , 2021, 17, e1009931.	4.7	2