

# Miguel F Segura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7620018/publications.pdf>

Version: 2024-02-01

79  
papers

4,170  
citations

147566

31  
h-index

114278

63  
g-index

81  
all docs

81  
docs citations

81  
times ranked

7599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aberrant miR-182 expression promotes melanoma metastasis by repressing FOXO3 and microphthalmia-associated transcription factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1814-1819.	3.3	506
2	The histone variant macroH2A suppresses melanoma progression through regulation of CDK8. <i>Nature</i> , 2010, 468, 1105-1109.	13.7	345
3	miR-30b/30d Regulation of GalNAc Transferases Enhances Invasion and Immunosuppression during Metastasis. <i>Cancer Cell</i> , 2011, 20, 104-118.	7.7	314
4	Melanoma MicroRNA Signature Predicts Post-Recurrence Survival. <i>Clinical Cancer Research</i> , 2010, 16, 1577-1586.	3.2	204
5	BRD4 Sustains Melanoma Proliferation and Represents a New Target for Epigenetic Therapy. <i>Cancer Research</i> , 2013, 73, 6264-6276.	0.4	196
6	Histone Variant H2A.Z.2 Mediates Proliferation and Drug Sensitivity of Malignant Melanoma. <i>Molecular Cell</i> , 2015, 59, 75-88.	4.5	166
7	MicroRNA-22 is induced by vitamin D and contributes to its antiproliferative, antimigratory and gene regulatory effects in colon cancer cells. <i>Human Molecular Genetics</i> , 2012, 21, 2157-2165.	1.4	142
8	miR-182 overexpression in tumorigenesis of high-grade serous ovarian carcinoma. <i>Journal of Pathology</i> , 2012, 228, 204-215.	2.1	138
9	Reactive Oxygen Species and p38 Mitogen-Activated Protein Kinase Activate Bax to Induce Mitochondrial Cytochrome c Release and Apoptosis in Response to Malonate. <i>Molecular Pharmacology</i> , 2007, 71, 736-743.	1.0	130
10	6-Hydroxydopamine activates the mitochondrial apoptosis pathway through p38 MAPK-mediated, p53-independent activation of Bax and PUMA. <i>Journal of Neurochemistry</i> , 2008, 104, 1599-1612.	2.1	121
11	MicroRNA-182 targets SMAD7 to potentiate TGF $\beta$ -induced epithelial-mesenchymal transition and metastasis of cancer cells. <i>Nature Communications</i> , 2016, 7, 13884.	5.8	112
12	Efficient in vivo microRNA targeting of liver metastasis. <i>Oncogene</i> , 2011, 30, 1481-1488.	2.6	101
13	MicroRNA and cutaneous melanoma: from discovery to prognosis and therapy. <i>Carcinogenesis</i> , 2012, 33, 1823-1832.	1.3	79
14	miR-99a reveals two novel oncogenic proteins E2F2 and EMR2 and represses stemness in lung cancer. <i>Cell Death and Disease</i> , 2017, 8, e3141-e3141.	2.7	78
15	The death receptor antagonist FAIM promotes neurite outgrowth by a mechanism that depends on ERK and NF- $\kappa$ B signaling. <i>Journal of Cell Biology</i> , 2004, 167, 479-492.	2.3	75
16	The Long Form of Fas Apoptotic Inhibitory Molecule Is Expressed Specifically in Neurons and Protects Them against Death Receptor-Triggered Apoptosis. <i>Journal of Neuroscience</i> , 2007, 27, 11228-11241.	1.7	73
17	The anti-cancer drug ABTL0812 induces ER stress-mediated cytotoxic autophagy by increasing dihydroceramide levels in cancer cells. <i>Autophagy</i> , 2021, 17, 1349-1366.	4.3	72
18	$\mu$ -opioid receptor activation prevents apoptosis following serum withdrawal in differentiated SH-SY5Y cells and cortical neurons via phosphatidylinositol 3-kinase. <i>Neuropharmacology</i> , 2003, 44, 482-492.	2.0	70

#	ARTICLE	IF	CITATIONS
19	Lifeguard/neuronal membrane protein 35 regulates Fas ligand-mediated apoptosis in neurons via microdomain recruitment. <i>Journal of Neurochemistry</i> , 2007, 103, 070717084306001-???.	2.1	67
20	BRG1/SMARCA4 is essential for neuroblastoma cell viability through modulation of cell death and survival pathways. <i>Oncogene</i> , 2016, 35, 5179-5190.	2.6	65
21	Reelin Induces the Detachment of Postnatal Subventricular Zone Cells and the Expression of the Egr-1 through Erk1/2 Activation. <i>Cerebral Cortex</i> , 2007, 17, 294-303.	1.6	61
22	The Novel Gamma Secretase Inhibitor RO4929097 Reduces the Tumor Initiating Potential of Melanoma. <i>PLoS ONE</i> , 2011, 6, e25264.	1.1	60
23	microRNAs as pharmacological targets in cancer. <i>Pharmacological Research</i> , 2013, 75, 3-14.	3.1	56
24	MicroRNA-654-5p suppresses ovarian cancer development impacting on MYC, WNT and AKT pathways. <i>Oncogene</i> , 2019, 38, 6035-6050.	2.6	49
25	Identification of Metastasis-Suppressive microRNAs in Primary Melanoma. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	3.0	47
26	Histology-Specific MicroRNA Alterations in Melanoma. <i>Journal of Investigative Dermatology</i> , 2012, 132, 1860-1868.	0.3	46
27	ATRX In-Frame Fusion Neuroblastoma Is Sensitive to EZH2 Inhibition via Modulation of Neuronal Gene Signatures. <i>Cancer Cell</i> , 2019, 36, 512-527.e9.	7.7	44
28	Hedgehog Pathway Blockade Inhibits Melanoma Cell Growth in Vitro and in Vivo. <i>Pharmaceuticals</i> , 2013, 6, 1429-1450.	1.7	40
29	SPROUTY-2 represses the epithelial phenotype of colon carcinoma cells via upregulation of ZEB1 mediated by ETS1 and miR-200/miR-150. <i>Oncogene</i> , 2016, 35, 2991-3003.	2.6	40
30	BCL-XL regulates TNF- $\alpha$ -mediated cell death independently of NF- $\kappa$ B, FLIP and IAPs. <i>Cell Research</i> , 2008, 18, 1020-1036.	5.7	37
31	Combined $\langle$ miRNA $\rangle$ profiling and proteomics demonstrates that different $\langle$ miRNAs $\rangle$ target a common set of proteins to promote colorectal cancer metastasis. <i>Journal of Pathology</i> , 2017, 242, 39-51.	2.1	37
32	Interplay Between ncRNAs and Cellular Communication: A Proposal for Understanding Cell-Specific Signaling Pathways. <i>Frontiers in Genetics</i> , 2019, 10, 281.	1.1	35
33	Targeting of epigenetic regulators in neuroblastoma. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-12.	3.2	34
34	Modulation of chemotherapeutic drug resistance in neuroblastoma $\langle$ SKâ€šNâ€šAS $\rangle$ cells by the neural apoptosis inhibitory protein and mi $\langle$ R $\rangle$ â€š520f. <i>International Journal of Cancer</i> , 2015, 136, 1579-1588.	2.3	33
35	Functional high-throughput screening reveals miR-323a-5p and miR-342-5p as new tumor-suppressive microRNA for neuroblastoma. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2231-2243.	2.4	32
36	MicroRNA-497 impairs the growth of chemoresistant neuroblastoma cells by targeting cell cycle, survival and vascular permeability genes. <i>Oncotarget</i> , 2016, 7, 9271-9287.	0.8	31

#	ARTICLE	IF	CITATIONS
37	Fas apoptosis inhibitory molecules: more than death receptor antagonists in the nervous system. <i>Journal of Neurochemistry</i> , 2016, 139, 11-21.	2.1	28
38	FAIM-L Is an IAP-Binding Protein That Inhibits XIAP Ubiquitinylation and Protects from Fas-Induced Apoptosis. <i>Journal of Neuroscience</i> , 2013, 33, 19262-19275.	1.7	27
39	miRNA-7 and miRNA-324-5p regulate alpha9-Integrin expression and exert anti-oncogenic effects in rhabdomyosarcoma. <i>Cancer Letters</i> , 2020, 477, 49-59.	3.2	24
40	Mechanisms of inactivation of the tumour suppressor gene RHOA in colorectal cancer. <i>British Journal of Cancer</i> , 2018, 118, 106-116.	2.9	24
41	MicroRNA-200, associated with metastatic breast cancer, promotes traits of mammary luminal progenitor cells. <i>Oncotarget</i> , 2017, 8, 83384-83406.	0.8	23
42	Dual Pten/Tp53 Suppression Promotes Sarcoma Progression by Activating Notch Signaling. <i>American Journal of Pathology</i> , 2013, 182, 2015-2027.	1.9	21
43	Ligand-dependent Hedgehog pathway activation in Rhabdomyosarcoma: the oncogenic role of the ligands. <i>British Journal of Cancer</i> , 2017, 117, 1314-1325.	2.9	21
44	A High-Throughput Screening Identifies MicroRNA Inhibitors That Influence Neuronal Maintenance and/or Response to Oxidative Stress. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 17, 374-387.	2.3	19
45	TNF $\alpha$ sensitizes neuroblastoma cells to FasL-, cisplatin- and etoposide-induced cell death by NF- $\kappa$ B-mediated expression of Fas. <i>Molecular Cancer</i> , 2015, 14, 62.	7.9	18
46	MYCN repression of Lifeguard/FAIM2 enhances neuroblastoma aggressiveness. <i>Cell Death and Disease</i> , 2014, 5, e1401-e1401.	2.7	15
47	Patient-derived xenografts for childhood solid tumors: a valuable tool to test new drugs and personalize treatments. <i>Clinical and Translational Oncology</i> , 2017, 19, 44-50.	1.2	15
48	A Context-Dependent Role for MiR-124-3p on Cell Phenotype, Viability and Chemosensitivity in Neuroblastoma in vitro. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 559553.	1.8	15
49	The Death Receptor Antagonist FLIP-L Interacts with Trk and Is Necessary for Neurite Outgrowth Induced by Neurotrophins. <i>Journal of Neuroscience</i> , 2010, 30, 6094-6105.	1.7	13
50	Engineering pH-Sensitive Stable Nanovesicles for Delivery of MicroRNA Therapeutics. <i>Small</i> , 2022, 18, e2101959.	5.2	13
51	Long Non-coding RNA PVT1 as a Prognostic and Therapeutic Target in Pediatric Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1173.	1.3	12
52	Aurora Borealis (Bora), Which Promotes Plk1 Activation by Aurora A, Has an Oncogenic Role in Ovarian Cancer. <i>Cancers</i> , 2020, 12, 886.	1.7	12
53	Krüppel-like factor 4 (KLF4) regulates the miR-183-96-182 cluster under physiologic and pathologic conditions. <i>Oncotarget</i> , 2017, 8, 26298-26311.	0.8	12
54	FAIM Is Regulated by MiR-206, MiR-1-3p and MiR-133b. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 584606.	1.8	11

#	ARTICLE	IF	CITATIONS
55	The Novel KIF1A Missense Variant (R169T) Strongly Reduces Microtubule Stimulated ATPase Activity and Is Associated With NESCAV Syndrome. <i>Frontiers in Neuroscience</i> , 2021, 15, 618098.	1.4	11
56	Dickkopf Proteins and Their Role in Cancer: A Family of Wnt Antagonists with a Dual Role. <i>Pharmaceuticals</i> , 2021, 14, 810.	1.7	11
57	Hedgehog Pathway Inhibition Hampers Sphere and Holoclone Formation in Rhabdomyosarcoma. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	10
58	Engineering DNA-Grafted Quasomes as Stable Nucleic Acid-Responsive Fluorescent Nanovesicles. <i>Advanced Functional Materials</i> , 2021, 31, 2103511.	7.8	9
59	Loss of microRNA-135b Enhances Bone Metastasis in Prostate Cancer and Predicts Aggressiveness in Human Prostate Samples. <i>Cancers</i> , 2021, 13, 6202.	1.7	8
60	CN133, a Novel Brain-Penetrating Histone Deacetylase Inhibitor, Hampers Tumor Growth in Patient-Derived Pediatric Posterior Fossa Ependymoma Models. <i>Cancers</i> , 2020, 12, 1922.	1.7	7
61	The antitumor drug ABTL0812 impairs neuroblastoma growth through endoplasmic reticulum stress-mediated autophagy and apoptosis. <i>Cell Death and Disease</i> , 2020, 11, 773.	2.7	7
62	The oral KIF11 inhibitor 4SC-205 exhibits antitumor activity and potentiates standard and targeted therapies in primary and metastatic neuroblastoma models. <i>Clinical and Translational Medicine</i> , 2021, 11, e533.	1.7	7
63	SIVA-1 regulates apoptosis and synaptic function by modulating XIAP interaction with the death receptor antagonist FAIM-L. <i>Cell Death and Disease</i> , 2020, 11, 82.	2.7	7
64	Multi-Smart and Scalable Bioligands-Free Nanomedical Platform for Intratumorally Targeted Tambjamine Delivery, a Difficult to Administrate Highly Cytotoxic Drug. <i>Biomedicines</i> , 2021, 9, 508.	1.4	6
65	Methodological advances in the discovery of novel neuroblastoma therapeutics. <i>Expert Opinion on Drug Discovery</i> , 2021, , 1-13.	2.5	5
66	Optimization of rhabdomyosarcoma disseminated disease assessment by flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014, 85, 1020-1029.	1.1	4
67	Novel micro RNA-based therapies for the treatment of neuroblastoma. <i>Anales De Pediatr�a (English)</i> Tj ETQq1 1 0.784314 rgBT /Over 0,1 4		
68	Editorial: PVT1 in Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 588786.	1.3	3
69	miRNA-Targeted Therapies in the Most Prevalent Pediatric Solid Tumors. , 2014, , 239-263.		2
70	Dickkopf-1 Inhibition Reactivates Wnt/ $\beta$ -Catenin Signaling in Rhabdomyosarcoma, Induces Myogenic Markers In Vitro and Impairs Tumor Cell Survival In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12921.	1.8	2
71	Abstract A12: Histone variant H2A.Z.2 mediates proliferation and drug sensitivity of malignant melanoma. , 2015, , .		1
72	Neuronal Differentiation-Related Epigenetic Regulator ZRF1 Has Independent Prognostic Value in Neuroblastoma but Is Functionally Dispensable In Vitro. <i>Cancers</i> , 2021, 13, 4845.	1.7	0

#	ARTICLE	IF	CITATIONS
73	Abstract 1946: Identification of miRNAs that contribute to melanoma brain metastasis. , 2010, , .		0
74	Abstract 2185: BRD4 is a novel therapeutic target in melanoma. , 2012, , .		0
75	MicroRNA alterations associated with <i>BRAF</i> status in melanoma.. Journal of Clinical Oncology, 2012, 30, 8565-8565.	0.8	0
76	Early alterations of microRNA expression to predict and modulate melanoma metastasis.. Journal of Clinical Oncology, 2012, 30, 8550-8550.	0.8	0
77	Abstract 3457: A possible role for the Hedgehog pathway ligands Desert and Indian in rhabdomyosarcoma. , 2014, , .		0
78	Abstract 4380: The miR-15 family members are therapeutic candidates to treat chemoresistant neuroblastomas. , 2014, , .		0
79	Abstract 1234: The anticancer drug ABTL0812 induces cancer cell death by impairing Akt/mTORC1 axis and inducing ER stress-mediated cytotoxic autophagy. , 2020, , .		0