

# Manuel RodrÃ-iguez-Paredes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/225274/publications.pdf>

Version: 2024-02-01

52  
papers

3,051  
citations

236925

25  
h-index

233421

45  
g-index

54  
all docs

54  
docs citations

54  
times ranked

6218  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer epigenetics reaches mainstream oncology. <i>Nature Medicine</i> , 2011, 17, 330-339.	30.7	1,102
2	Single-cell transcriptomes of the human skin reveal age-related loss of fibroblast priming. <i>Communications Biology</i> , 2020, 3, 188.	4.4	239
3	Parkinson's disease as a result of aging. <i>Aging Cell</i> , 2015, 14, 293-308.	6.7	165
4	Gene amplification of the histone methyltransferase SETDB1 contributes to human lung tumorigenesis. <i>Oncogene</i> , 2014, 33, 2807-2813.	5.9	126
5	Functional inhibition of mesenchymal stromal cells in acute myeloid leukemia. <i>Leukemia</i> , 2016, 30, 683-691.	7.2	119
6	The chromatin remodeling factor CHD8 interacts with elongating RNA polymerase II and controls expression of the cyclin E2 gene. <i>Nucleic Acids Research</i> , 2009, 37, 2449-2460.	14.5	85
7	The chromatin remodeller CHD8 is required for E2F-dependent transcription activation of S-phase genes. <i>Nucleic Acids Research</i> , 2014, 42, 2185-2196.	14.5	72
8	Control of neuronal differentiation by sumoylation of BRAF35, a subunit of the LSD1-CoREST histone demethylase complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8085-8090.	7.1	68
9	Cell-of-Origin DNA Methylation Signatures Are Maintained during Colorectal Carcinogenesis. <i>Cell Reports</i> , 2018, 23, 3407-3418.	6.4	66
10	Reduced <sc>DNA</sc> methylation patterning and transcriptional connectivity define human skin aging. <i>Aging Cell</i> , 2016, 15, 563-571.	6.7	65
11	Methylation profiling identifies two subclasses of squamous cell carcinoma related to distinct cells of origin. <i>Nature Communications</i> , 2018, 9, 577.	12.8	64
12	Epigenetically Regulated Chromosome 14q32 miRNA Cluster Induces Metastasis and Predicts Poor Prognosis in Lung Adenocarcinoma Patients. <i>Molecular Cancer Research</i> , 2018, 16, 390-402.	3.4	63
13	Bone-marrow-derived cell differentiation into microglia: A study in a progressive mouse model of Parkinson's disease. <i>Neurobiology of Disease</i> , 2007, 28, 316-325.	4.4	62
14	DNA Methylation in Epidermal Differentiation, Aging, and Cancer. <i>Journal of Investigative Dermatology</i> , 2020, 140, 38-47.	0.7	54
15	Striatal astrocytes engulf dopaminergic debris in Parkinson's disease: A study in an animal model. <i>PLoS ONE</i> , 2017, 12, e0185989.	2.5	48
16	Transforming growth factor $\beta$ 21-mediated functional inhibition of mesenchymal stromal cells in myelodysplastic syndromes and acute myeloid leukemia. <i>Haematologica</i> , 2018, 103, 1462-1471.	3.5	43
17	p21 as a Transcriptional Co-Repressor of S-Phase and Mitotic Control Genes. <i>PLoS ONE</i> , 2012, 7, e37759.	2.5	42
18	Hand movement distribution in the motor cortex: the influence of a concurrent task and motor imagery. <i>NeuroImage</i> , 2004, 22, 1480-1491.	4.2	40

#	ARTICLE	IF	CITATIONS
19	The astrocytic response to the dopaminergic denervation of the striatum. <i>Journal of Neurochemistry</i> , 2016, 139, 81-95.	3.9	40
20	Epigenetic deregulation of lamina-associated domains in Hutchinson-Gilford progeria syndrome. <i>Genome Medicine</i> , 2020, 12, 46.	8.2	40
21	The role of non-synaptic extracellular glutamate. <i>Brain Research Bulletin</i> , 2013, 93, 17-26.	3.0	37
22	The importance of non-histone protein methylation in cancer therapy. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 569-570.	37.0	37
23	Impact of DLK1-DIO3 imprinted cluster hypomethylation in smoker patients with lung cancer. <i>Oncotarget</i> , 2018, 9, 4395-4410.	1.8	37
24	The deep mesencephalic nucleus as an output center of basal ganglia: Morphological and electrophysiological similarities with the substantia nigra. <i>Journal of Comparative Neurology</i> , 2001, 438, 12-31.	1.6	28
25	The degeneration and replacement of dopamine cells in Parkinson's disease: the role of aging. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 80.	1.7	28
26	Myocardial triggers involved in activation of remote ischaemic preconditioning. <i>Experimental Physiology</i> , 2016, 101, 708-716.	2.0	28
27	Changes in the loading conditions induced by vagal stimulation modify the myocardial infarct size through sympathetic-parasympathetic interactions. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 1509-1522.	2.8	27
28	The Multiple Correspondence Analysis Method and Brain Functional Connectivity: Its Application to the Study of the Non-linear Relationships of Motor Cortex and Basal Ganglia. <i>Frontiers in Neuroscience</i> , 2017, 11, 345.	2.8	25
29	Firing regulation in dopaminergic cells: effect of the partial degeneration of nigrostriatal system in surviving neurons. <i>European Journal of Neuroscience</i> , 2003, 18, 53-60.	2.6	22
30	An increase in MECP2 dosage impairs neural tube formation. <i>Neurobiology of Disease</i> , 2014, 67, 49-56.	4.4	22
31	NOS Expression in Nigral Cells after Excitotoxic and Non-excitotoxic Lesion of the Pedunculopontine Tegmental Nucleus. <i>European Journal of Neuroscience</i> , 1997, 9, 2658-2667.	2.6	19
32	How is firing activity of substantia nigra cells regulated? Relevance of pattern-code in the basal ganglia. <i>Synapse</i> , 2003, 49, 216-225.	1.2	18
33	A Combined Epigenetic Therapy Equals the Efficacy of Conventional Chemotherapy in Refractory Advanced Non-Small Cell Lung Cancer. <i>Cancer Discovery</i> , 2011, 1, 557-559.	9.4	17
34	Dystrophin proteolysis: a potential target for MMP-2 and its prevention by ischemic preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H88-H96.	3.2	13
35	The functional interaction of the brain default network with motor networks is modified by aging. <i>Behavioural Brain Research</i> , 2019, 372, 112048.	2.2	13
36	The influence of Parkinson's disease on the functional connectivity of the motor loop of human basal ganglia. <i>Parkinsonism and Related Disorders</i> , 2019, 63, 100-105.	2.2	13

#	ARTICLE	IF	CITATIONS
37	The functional connectivity in the motor loop of human basal ganglia. <i>Brain Imaging and Behavior</i> , 2017, 11, 417-429.	2.1	12
38	Excitatory responses in the "direct" striatonigral pathway: Effect of nigrostriatal lesion. <i>Movement Disorders</i> , 2000, 15, 795-803.	3.9	10
39	The organization of the basal ganglia functional connectivity network is non-linear in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101708.	2.7	9
40	Astrocytes and retrograde degeneration of nigrostriatal dopaminergic neurons in Parkinson's disease: removing axonal debris. <i>Translational Neurodegeneration</i> , 2021, 10, 43.	8.0	6
41	Nigrostriatal cell firing action on the dopamine transporter. <i>European Journal of Neuroscience</i> , 2007, 25, 2755-2765.	2.6	4
42	The dynamic of basal ganglia activity with a multiple covariance method: influences of Parkinson's disease. <i>Brain Communications</i> , 2020, 2, fcz044.	3.3	4
43	Studying the functional connectivity of the primary motor cortex with the binarized cross recurrence plot: The influence of Parkinson's disease. <i>PLoS ONE</i> , 2021, 16, e0252565.	2.5	4
44	Astrocytes, a Promising Opportunity to Control the Progress of Parkinson's Disease. <i>Biomedicines</i> , 2021, 9, 1341.	3.2	4
45	mIDH-associated DNA hypermethylation in acute myeloid leukemia reflects differentiation blockage rather than inhibition of TET-mediated demethylation. <i>Cell Stress</i> , 2017, 1, 55-67.	3.2	3
46	In Vivo Growing of New Cell Colonies in a Portion of Bone Marrow: Potential Use for Indirect Cell Therapy. <i>Cell Medicine</i> , 2010, 1, 93-104.	5.0	0
47	The causal interaction in human basal ganglia. <i>Scientific Reports</i> , 2021, 11, 12989.	3.3	0
48	The Fundamental Role of Epigenetic Regulation in Normal and Disturbed Cell Growth, Differentiation, and Stemness. , 2014, , 1-41.		0
49	Functional Inhibition of Mesenchymal Stem and Progenitor Cells (MSPC) Significantly Contributes to Hematopoietic Insufficiency with Acute Myeloid Leukemia (AML). <i>Blood</i> , 2014, 124, 3492-3492.	1.4	0
50	Abstract 1945: Identification of a miRNA/mRNA network driving non-small cell lung cancer (NSCLC) dissemination. , 2016, , .		0
51	Abstract 2408: Epigenomic characterization of MSC from myeloid malignancies. , 2017, , .		0
52	Abstract 4350: Cell-of-origin differentiation stages define methylation-based subtypes of human colorectal cancer. , 2017, , .		0