

# Miguel A S Cavadas

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

1,037  
citations

516710

16  
h-index

610901

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of IL-1 $\beta$ -induced NF- $\kappa$ B by hydroxylases links key hypoxic and inflammatory signaling pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 18490-18495.	7.1	145
2	A dynamic model of the hypoxia-inducible factor 1-alpha (HIF-1 $\alpha$ ) network. <i>Journal of Cell Science</i> , 2013, 126, 1454-63.	2.0	112
3	Phosphorylation of iRhom2 Controls Stimulated Proteolytic Shedding by the Metalloprotease ADAM17/TACE. <i>Cell Reports</i> , 2017, 21, 745-757.	6.4	86
4	FIH Regulates Cellular Metabolism through Hydroxylation of the Deubiquitinase OTUB1. <i>PLoS Biology</i> , 2016, 14, e1002347.	5.6	78
5	Gold nanoparticle-based fluorescence immunoassay for malaria antigen detection. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1019-1027.	3.7	69
6	Hypoxia-inducible factor (HIF) network: insights from mathematical models. <i>Cell Communication and Signaling</i> , 2013, 11, 42.	6.5	68
7	REST is a hypoxia-responsive transcriptional repressor. <i>Scientific Reports</i> , 2016, 6, 31355.	3.3	60
8	REST mediates resolution of HIF-dependent gene expression in prolonged hypoxia. <i>Scientific Reports</i> , 2015, 5, 17851.	3.3	54
9	Pathogen-mimetic stealth nanocarriers for drug delivery: a future possibility. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 730-743.	3.3	50
10	Nanoparticles in Molecular Diagnostics. <i>Progress in Molecular Biology and Translational Science</i> , 2011, 104, 427-488.	1.7	47
11	Hypercapnia Suppresses the HIF-dependent Adaptive Response to Hypoxia. <i>Journal of Biological Chemistry</i> , 2016, 291, 11800-11808.	3.4	47
12	iTAP, a novel iRhom interactor, controls TNF secretion by policing the stability of iRhom/TACE. <i>ELife</i> , 2018, 7, .	6.0	47
13	The regulation of transcriptional repression in hypoxia. <i>Experimental Cell Research</i> , 2017, 356, 173-181.	2.6	39
14	Deletion of iRhom2 protects against diet-induced obesity by increasing thermogenesis. <i>Molecular Metabolism</i> , 2020, 31, 67-84.	6.5	25
15	Species differential regulation of COX2 can be described by an NF- $\kappa$ B-dependent logic AND gate. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2431-2443.	5.4	22
16	Hydroxylase inhibition regulates inflammation-induced intestinal fibrosis through the suppression of ERK-mediated TGF- $\beta$ 1 signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G1076-G1090.	3.4	21
17	Registered report: COT drives resistance to RAF inhibition through MAP kinase pathway reactivation. <i>ELife</i> , 2016, 5, .	6.0	12
18	The complex life of rhomboid pseudoproteases. <i>FEBS Journal</i> , 2020, 287, 4261-4283.	4.7	11

#	ARTICLE	IF	CITATIONS
19	Unravelling Malaria Antigen Binding to Antibody-Gold Nanoparticle Conjugates. Particle and Particle Systems Characterization, 2016, 33, 906-915.	2.3	10
20	Hydroxylase Inhibition Selectively Induces Cell Death in Monocytes. Journal of Immunology, 2019, 202, 1521-1530.	0.8	7
21	Non-linear Dynamics in Transcriptional Regulation: Biological Logic Gates. SEMA SIMAI Springer Series, 2016, , 43-62.	0.7	5
22	Monitoring of Transcriptional Dynamics of HIF and NF $\kappa$ B Activities. Methods in Molecular Biology, 2014, 1098, 97-105.	0.9	5
23	Acquisition of Temporal HIF Transcriptional Activity Using a Secreted Luciferase Assay. Methods in Molecular Biology, 2018, 1742, 37-44.	0.9	2
24	Impact of Hydroxylase inhibitors on fibrosis associated with IBD (LB789). FASEB Journal, 2014, 28, LB789.	0.5	0
25	The Impact of Hydroxylase Inhibition on TGF $\beta$ 21 Induced Fibrosis Associated with Inflammatory Bowel Disease. FASEB Journal, 2015, 29, LB689.	0.5	0
26	Phosphorylation of iRhom2 Is Essential for Stimulated Proteolytic Shedding by the Metalloprotease ADAM17/TACE. SSRN Electronic Journal, 0, , .	0.4	0