Mario Ruiz

List of Publications by Year in Descending Order

25 papers	413 citations	12 h-index	20 g-index
29 ext. papers	547 ext. citations	5.4 avg, IF	3.81 L-index

#	Paper	IF	Citations
25	A small molecule screen for paqr-2 suppressors identifies Tyloxapol as a membrane fluidizer for C. elegans and mammalian cells.. *Biochimica Et Biophysica Acta - Biomembranes*, **2022**, 183959	3.8	
24	Palmitic acid causes increased dihydroceramide levels when desaturase expression is directly silenced or indirectly lowered by silencing AdipoR2. *Lipids in Health and Disease*, **2021**, 20, 173	4.4	1
23	Extensive transcription mis-regulation and membrane defects in AdipoR2-deficient cells challenged with saturated fatty acids. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2021**, 1866, 158884	5	5
22	Treatment with HIV-Protease Inhibitor Nelfinavir Identifies Membrane Lipid Composition and Fluidity as a Therapeutic Target in Advanced Multiple Myeloma. *Cancer Research*, **2021**, 81, 4581-4593	10.1	2
21	Into the Labyrinth of the Lipocalin 1-Acid Glycoprotein. *Frontiers in Physiology*, **2021**, 12, 686251	4.6	2
20	Nelfinavir Overcomes Proteasome Inhibitor Resistance in Multiple Myeloma By Modulating Membrane Lipid Bilayer Composition and Fluidity. *Blood*, **2020**, 136, 11-11	2.2	
19	Leveraging a gain-of-function allele of Caenorhabditis elegans paqr-1 to elucidate membrane homeostasis by PAQR proteins. *PLoS Genetics*, **2020**, 16, e1008975	6	6
18	Leveraging a gain-of-function allele of Caenorhabditis elegans paqr-1 to elucidate membrane homeostasis by PAQR proteins **2020**, 16, e1008975		
17	Leveraging a gain-of-function allele of Caenorhabditis elegans paqr-1 to elucidate membrane homeostasis by PAQR proteins **2020**, 16, e1008975		
16	Leveraging a gain-of-function allele of Caenorhabditis elegans paqr-1 to elucidate membrane homeostasis by PAQR proteins **2020**, 16, e1008975		
15	Leveraging a gain-of-function allele of Caenorhabditis elegans paqr-1 to elucidate membrane homeostasis by PAQR proteins **2020**, 16, e1008975		
14	AdipoR1 and AdipoR2 maintain membrane fluidity in most human cell types and independently of adiponectin. *Journal of Lipid Research*, **2019**, 60, 995-1004	6.3	23
13	Evolutionarily conserved long-chain Acyl-CoA synthetases regulate membrane composition and fluidity. *ELife*, **2019**, 8,	8.9	12
12	Membrane Fluidity Is Regulated Cell Nonautonomously by PAQR-2 and Its Mammalian Homolog AdipoR2. *Genetics*, **2018**, 210, 189-201	4	20
11	Membrane fluidity is regulated by the transmembrane protein FLD-1 and its human homologs TLCD1/2. *ELife*, **2018**, 7,	8.9	17
10	HDL-associated ApoM is anti-apoptotic by delivering sphingosine 1-phosphate to S1P1 & S1P3 receptors on vascular endothelium. *Lipids in Health and Disease*, **2017**, 16, 36	4.4	41
9	A Shift in ApoM/S1P Between HDL-Particles in Women With Type 1 Diabetes Mellitus Is Associated With Impaired Anti-Inflammatory Effects of the ApoM/S1P Complex. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1194-1205	9.4	33

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8	The adiponectin receptor AdipoR2 and its Caenorhabditis elegans homolog PAQR-2 prevent membrane rigidification by exogenous saturated fatty acids. *PLoS Genetics*, **2017**, 13, e1007004	6	23
7	High-Density Lipoprotein-Associated Apolipoprotein M Limits Endothelial Inflammation by Delivering Sphingosine-1-Phosphate to the Sphingosine-1-Phosphate Receptor 1. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 118-129	9.4	79
6	Ligand binding-dependent functions of the lipocalin NLaz: an in vivo study in Drosophila. *FASEB Journal*, **2014**, 28, 1555-67	0.9	11
5	Lipid-binding properties of human ApoD and Lazarillo-related lipocalins: functional implications for cell differentiation. *FEBS Journal*, **2013**, 280, 3928-43	5.7	38
4	Grasshopper Lazarillo, a GPI-anchored Lipocalin, increases Drosophila longevity and stress resistance, and functionally replaces its secreted homolog NLaz. *Insect Biochemistry and Molecular Biology*, **2012**, 42, 776-89	4.5	16
3	Siderocalin/Lcn2/NGAL/24p3 does not drive apoptosis through gentisic acid mediated iron withdrawal in hematopoietic cell lines. *PLoS ONE*, **2012**, 7, e43696	3.7	34
2	Galline Ex-FABP is an antibacterial siderocalin and a lysophosphatidic acid sensor functioning through dual ligand specificities. *Structure*, **2011**, 19, 1796-806	5.2	26
1	Sex-dependent modulation of longevity by two Drosophila homologues of human Apolipoprotein D, GLaz and NLaz. *Experimental Gerontology*, **2011**, 46, 579-89	4.5	23