Raul V Duran

List of Publications by Year
in descending order

32 papers	7,489 citations	393982 19 h-index	395343 33 g-index
34 all docs	34 docs citations	34 times ranked	18084 citing authors

#	Article	IF	Citations
1	A Method for Unsupervised Semi-Quantification of Inmunohistochemical Staining with Beta Divergences. Entropy, 2022, 24, 546.	1.1	2
2	Glutamine, MTOR and autophagy: a multiconnection relationship. Autophagy, 2022, 18, 2749-2750.	4.3	22
3	Laparoscopic Sleeve Gastrectomy in Patients with Severe Obesity Restores Adaptive Responses Leading to Nonalcoholic Steatohepatitis. International Journal of Molecular Sciences, 2022, 23, 7830.	1.8	4
4	Downregulation of Glutamine Synthetase, not glutaminolysis, is responsible for glutamine addiction in Notch1â€driven acute lymphoblastic leukemia. Molecular Oncology, 2021, 15, 1412-1431.	2.1	16
5	TEMPORARY REMOVAL: Glutaminolysis-induced mTORC1 activation drives non-alcoholic steatohepatitis progression. Journal of Hepatology, 2021, , .	1.8	3
6	Two parallel pathways connect glutamine metabolism and mTORC1 activity to regulate glutamoptosis. Nature Communications, 2021, 12, 4814.	5.8	19
7	ELA/APELA precursor cleaved by furin displays tumor suppressor function in renal cell carcinoma through mTORC1 activation. JCI Insight, 2020, 5, .	2.3	25
8	Selective Engineering of Linkageâ€Specific Î±2,6â€<i>N</i>â€Linked Sialoproteins Using Sydnoneâ€Modified Sialic Acid Bioorthogonal Reporters. Angewandte Chemie - International Edition, 2019, 58, 4281-4285.	7.2	34
9	mTOR Inhibition via Displacement of Phosphatidic Acid Induces Enhanced Cytotoxicity Specifically in Cancer Cells. Cancer Research, 2018, 78, 5384-5397.	0.4	14
10	mTORC1 inhibition in cancer cells protects from glutaminolysis-mediated apoptosis during nutrient limitation. Nature Communications, 2017, 8, 14124.	5.8	62
11	Escaping mTOR inhibition for cancer therapy: Tumor suppressor functions of mTOR. Molecular and Cellular Oncology, 2017, 4, e1297284.	0.3	9
12	Glutamoptosis: A new cell death mechanism inhibited by autophagy during nutritional imbalance. Autophagy, 2017, 13, 1078-1079.	4.3	14
13	Metformin targets gastric cancer stem cells. European Journal of Cancer, 2017, 84, 193-201.	1.3	79
14	Prolyl hydroxylase domain enzymes and their role in cell signaling and cancer metabolism. International Journal of Biochemistry and Cell Biology, 2016, 80, 71-80.	1.2	31
15	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
16	Glutaminolysis and autophagy in cancer. Autophagy, 2015, 11, 1198-1208.	4.3	104
17	HIF-independent role of prolyl hydroxylases in the cellular response to amino acids. Oncogene, 2013, 32, 4549-4556.	2.6	106
18	Glutaminolysis feeds mTORC1. Cell Cycle, 2012, 11, 4107-4108.	1.3	55

#	Article	IF	Citations
19	Regulation of TOR by small GTPases. EMBO Reports, 2012, 13, 121-128.	2.0	84
20	Leucyl-tRNA synthetase: double duty in amino acid sensing. Cell Research, 2012, 22, 1207-1209.	5.7	18
21	Glutaminolysis Activates Rag-mTORC1 Signaling. Molecular Cell, 2012, 47, 349-358.	4.5	563
22	Targeting metabolic transformation for cancer therapy. Nature Reviews Cancer, 2010, 10, 267-277.	12.8	969
23	Metabolic transformation in cancer. Carcinogenesis, 2009, 30, 1269-1280.	1.3	206
24	Prolyl hydroxylases as regulators of cell metabolism. Biochemical Society Transactions, 2009, 37, 291-294.	1.6	79
25	A proteomic approach to iron and copper homeostasis in cyanobacteria. Briefings in Functional Genomics & Proteomics, 2008, 6, 322-329.	3.8	19
26	Glyconanoparticleâ€"DNA Interactions: An Atomic Force Microscopy Study. IEEE Transactions on Nanobioscience, 2007, 6, 309-318.	2.2	15
27	Redox stress is not essential for the pseudo-hypoxic phenotype of succinate dehydrogenase deficient cells. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 567-572.	0.5	44
28	A Laser Flash-Induced Kinetic Analysis of in Vivo Photosystem I Reduction by Site-Directed Mutants of Plastocyanin and Cytochromec6inSynechocystissp. PCC 6803â€. Biochemistry, 2006, 45, 1054-1060.	1.2	15
29	In vivo photosystem I reduction in thermophilic and mesophilic cyanobacteria: The thermal resistance of the process is limited by factors other than the unfolding of the partners. Biochemical and Biophysical Research Communications, 2005, 334, 170-175.	1.0	13
30	Respiratory cytochromecoxidase can be efficiently reduced by the photosynthetic redox proteins cytochromec6and plastocyanin in cyanobacteria. FEBS Letters, 2005, 579, 3565-3568.	1.3	24
31	The Efficient Functioning of Photosynthesis and Respiration in Synechocystis sp. PCC 6803 Strictly Requires the Presence of either Cytochrome c6 or Plastocyanin. Journal of Biological Chemistry, 2004, 279, 7229-7233.	1.6	73
32	An evolutionary analysis of the reaction mechanisms of photosystem I reduction by cytochrome c6 and plastocyanin. Bioelectrochemistry, 2002, 55, 41-45.	2.4	66