Devang M Patel

List of Publications by Year
in descending order

15	418	1163117 8	1199594 12
papers	citations	h-index	g-index

15	15	15	844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The evolutionarily conserved arginyltransferase 1 mediates a pVHL-independent oxygen-sensing pathway in mammalian cells. Developmental Cell, 2022, 57, 654-669.e9.	7.0	5
2	Arginyltransferase1 mediates a pVHLâ€independent oxygen sensing pathway in mammalian cells. FASEB Journal, 2021, 35, .	0.5	1
3	Key profibrotic and pro-inflammatory pathways in the pathogenesis of diabetic kidney disease. Diabetic Nephropathy, 2021, 1, 15-26.	0.1	1
4	Regulation of Mitochondrial Respiratory Chain Complex Levels, Organization, and Function by Arginyltransferase 1. Frontiers in Cell and Developmental Biology, 2020, 8, 603688.	3.7	19
5	Glucose and Blood Pressure-Dependent Pathwaysâ€"The Progression of Diabetic Kidney Disease. International Journal of Molecular Sciences, 2020, 21, 2218.	4.1	33
6	Insertion/deletion-activated frame-shift fluorescence protein is a sensitive reporter for genomic DNA editing. BMC Genomics, 2019, 20, 609.	2.8	5
7	Reduced Arginyltransferase 1 is a driver and a potential prognostic indicator of prostate cancer metastasis. Oncogene, 2019, 38, 838-851.	5.9	19
8	Ate1 Controls Cellular Warburg Effects by Modifying Hif1a with Arginylation. FASEB Journal, 2019, 33, lb312.	0.5	0
9	Posttranslational arginylation enzyme Ate1 is a mitochondrialâ€derived master regulator that coordinates glycolysis and respiration in the Warburg effect. FASEB Journal, 2018, 32, 791.19.	0.5	0
10	Abstract 1341: Talin plays an important role in cell-cell interactions. , 2017, , .		0
11	Posttranslational arginylation enzyme Ate1 affects DNA mutagenesis by regulating stress response. Cell Death and Disease, 2016, 7, e2378-e2378.	6.3	39
12	Arginylation regulates purine nucleotide biosynthesis by enhancing the activity of phosphoribosyl pyrophosphate synthase. Nature Communications, 2015, 6, 7517.	12.8	36
13	Therapeutic Potential of Mesenchymal Stem Cells in Regenerative Medicine. Stem Cells International, 2013, 2013, 1-15.	2.5	178
14	Dynamin A, Myosin IB and Abp1 Couple Phagosome Maturation to Fâ€Actin Binding. Traffic, 2012, 13, 120-130.	2.7	42
15	Annexin A1 is a new functional linker between actin filaments and phagosomes during phagocytosis. Journal of Cell Science, 2011, 124, 578-588.	2.0	40