Amin Ardestani

List of Publications by Citations

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35 papers	1,150 citations	16 h-index	33 g-index
36 ext. papers	1,389 ext. citations	11.3 avg, IF	4.88 L-index

#	Paper	IF	Citations
35	Antioxidant and free radical scavenging potential of Achillea santolina extracts. *Food Chemistry*, **2007**, 104, 21-29	8.5	251
34	MST1 is a key regulator of beta cell apoptosis and dysfunction in diabetes. *Nature Medicine*, **2014**, 20, 385-397	50.5	140
33	Nasturtium officinale reduces oxidative stress and enhances antioxidant capacity in hypercholesterolaemic rats. *Chemico-Biological Interactions*, **2008**, 172, 176-84	5	107
32	mTORC1 Signaling: A Double-Edged Sword in Diabetic β Cells. *Cell Metabolism*, **2018**, 27, 314-331	24.6	82
31	Inhibitory effects of ethyl acetate extract of Teucrium polium on in vitro protein glycoxidation. *Food and Chemical Toxicology*, **2007**, 45, 2402-11	4.7	78
30	Cyperus rotundus suppresses AGE formation and protein oxidation in a model of fructose-mediated protein glycoxidation. *International Journal of Biological Macromolecules*, **2007**, 41, 572-8	7.9	78
29	Hippo Signaling: Key Emerging Pathway in Cellular and Whole-Body Metabolism. *Trends in Endocrinology and Metabolism*, **2018**, 29, 492-509	8.8	60
28	Reciprocal regulation of mTOR complexes in pancreatic islets from humans with type 2 diabetes. *Diabetologia*, **2017**, 60, 668-678	10.3	54
27	Protective effects of four Iranian medicinal plants against free radical-mediated protein oxidation. *Food Chemistry*, **2009**, 115, 37-42	8.5	50
26	MST1: a promising therapeutic target to restore functional beta cell mass in diabetes. *Diabetologia*, **2016**, 59, 1843-9	10.3	31
25	Neutralizing interleukin-1beta (IL-1beta) induces beta-cell survival by maintaining PDX1 protein nuclear localization. *Journal of Biological Chemistry*, **2011**, 286, 17144-55	5.4	24
24	The Hippo Signaling Pathway in Pancreatic β Cells: Functions and Regulations. *Endocrine Reviews*, **2018**, 39, 21-35	27.2	23
23	Neratinib protects pancreatic beta cells in diabetes. *Nature Communications*, **2019**, 10, 5015	17.4	21
22	mTORC2 Signaling: A Path for Pancreatic β Cell's Growth and Function. *Journal of Molecular Biology* , **2018**, 430, 904-918	6.5	20
21	Proproliferative and antiapoptotic action of exogenously introduced YAP in pancreatic cells. *JCI Insight*, **2016**, 1, e86326	9.9	20
20	Suppressive effect of ethyl acetate extract of Teucrium polium on cellular oxidative damages and apoptosis induced by 2-deoxy-d-ribose: Role of de novo synthesis of glutathione. *Food Chemistry*, **2009**, 114, 1222-1230	8.5	18
19	2-Deoxy-D-ribose-induced oxidative stress causes apoptosis in human monocytic cells: prevention by pyridoxal-5′-phosphate. *Toxicology in Vitro*, **2008**, 22, 968-79	3.6	16

18	Targeting glucose metabolism for treatment of COVID-19. *Signal Transduction and Targeted Therapy*, **2021**, 6, 112	21	15
17	SARS-CoV-2 and pancreas: a potential pathological interaction?. *Trends in Endocrinology and Metabolism*, **2021**, 32, 842-845	8.8	11
16	mTORC in β cells: more Than Only Recognizing Comestibles. *Journal of Cell Biology*, **2017**, 216, 1883-1885	7.3	8
15	mTORC1 and IRS1: Another Deadly Kiss. *Trends in Endocrinology and Metabolism*, **2018**, 29, 737-739	8.8	6
14	Neratinib is an MST1 inhibitor and restores pancreatic β cells in diabetes. *Cell Death Discovery*, **2019**, 5, 149	6.9	6
13	Loss of TAZ Boosts PPARγ to Cope with Insulin Resistance. *Cell Metabolism*, **2020**, 31, 6-8	24.6	5
12	Loss of Deubiquitinase USP1 Blocks Pancreatic β Cell Apoptosis by Inhibiting DNA Damage Response. *IScience*, **2018**, 1, 72-86	6.1	5
11	Inhibition of PHLPP1/2 phosphatases rescues pancreatic β cells in diabetes. *Cell Reports*, **2021**, 36, 109490	10.6	5
10	The Hippo kinase LATS2 impairs pancreatic β cell survival in diabetes through the mTORC1-autophagy axis. *Nature Communications*, **2021**, 12, 4928	17.4	5
9	STRIPAK Is a Regulatory Hub Initiating Hippo Signaling. *Trends in Biochemical Sciences*, **2020**, 45, 280-283	10.3	2
8	An SCF E3 Ligase Protects Pancreatic β Cells from Apoptosis. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	2
7	How β cells can smell insulin fragments.. *Cell Metabolism*, **2022**, 34, 189-191	24.6	1
6	Deathly triangle for pancreatic β cells: Hippo pathway-MTORC1-autophagy. *Autophagy*, **2021**, 1-3	10.2	1
5	LDHA is enriched in human islet alpha cells and upregulated in type 2 diabetes. *Biochemical and Biophysical Research Communications*, **2021**, 568, 158-166	3.4	1
4	Case Report: Neratinib Therapy Improves Glycemic Control in a Patient With Type 2 Diabetes and Breast Cancer.. *Frontiers in Endocrinology*, **2022**, 13, 830097	5.7	1
3	MST1 deletion protects β cells in a mouse model of diabetes.. *Nutrition and Diabetes*, **2022**, 12, 7	4.7	0
2	PHLPP1 deletion restores pancreatic β cell survival and normoglycemia in the db/db mouse model of obesity-associated diabetes.. *Cell Death Discovery*, **2022**, 8, 57	6.9	0
1	Hippo STK kinases drive metabolic derangement. *Nature Metabolism*, **2021**, 3, 295-296	14.6	