

Amin Ardestani

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,614
citations

471509

17
h-index

361022

35
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36
all docs

36
docs citations

36
times ranked

2333
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant and free radical scavenging potential of <i>Achillea santolina</i> extracts. <i>Food Chemistry</i> , 2007, 104, 21-29.	8.2	302
2	MST1 is a key regulator of beta cell apoptosis and dysfunction in diabetes. <i>Nature Medicine</i> , 2014, 20, 385-397.	30.7	170
3	<i>Nasturtium officinale</i> reduces oxidative stress and enhances antioxidant capacity in hypercholesterolaemic rats. <i>Chemico-Biological Interactions</i> , 2008, 172, 176-184.	4.0	140
4	mTORC1 Signaling: A Double-Edged Sword in Diabetic β^2 Cells. <i>Cell Metabolism</i> , 2018, 27, 314-331.	16.2	129
5	Hippo Signaling: Key Emerging Pathway in Cellular and Whole-Body Metabolism. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 492-509.	7.1	111
6	Inhibitory effects of ethyl acetate extract of <i>Teucrium polium</i> on in vitro protein glycooxidation. <i>Food and Chemical Toxicology</i> , 2007, 45, 2402-2411.	3.6	95
7	<i>Cyperus rotundus</i> suppresses AGE formation and protein oxidation in a model of fructose-mediated protein glycooxidation. <i>International Journal of Biological Macromolecules</i> , 2007, 41, 572-578.	7.5	95
8	Reciprocal regulation of mTOR complexes in pancreatic islets from humans with type 2 diabetes. <i>Diabetologia</i> , 2017, 60, 668-678.	6.3	84
9	Protective effects of four Iranian medicinal plants against free radical-mediated protein oxidation. <i>Food Chemistry</i> , 2009, 115, 37-42.	8.2	57
10	MST1: a promising therapeutic target to restore functional beta cell mass in diabetes. <i>Diabetologia</i> , 2016, 59, 1843-1849.	6.3	45
11	Neratinib protects pancreatic beta cells in diabetes. <i>Nature Communications</i> , 2019, 10, 5015.	12.8	44
12	Targeting glucose metabolism for treatment of COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 112.	17.1	42
13	The Hippo Signaling Pathway in Pancreatic β^2 -Cells: Functions and Regulations. <i>Endocrine Reviews</i> , 2018, 39, 21-35.	20.1	39
14	mTORC2 Signaling: A Path for Pancreatic β^2 Cell's Growth and Function. <i>Journal of Molecular Biology</i> , 2018, 430, 904-918.	4.2	31
15	Neutralizing Interleukin-1 β (IL-1 β) Induces β^2 -Cell Survival by Maintaining PDX1 Protein Nuclear Localization. <i>Journal of Biological Chemistry</i> , 2011, 286, 17144-17155.	3.4	27
16	Proproliferative and antiapoptotic action of exogenously introduced YAP in pancreatic β^2 cells. <i>JCI Insight</i> , 2016, 1, e86326.	5.0	24
17	SARS-CoV-2 and pancreas: a potential pathological interaction?. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 842-845.	7.1	23
18	Suppressive effect of ethyl acetate extract of <i>Teucrium polium</i> on cellular oxidative damages and apoptosis induced by 2-deoxy-d-ribose: Role of de novo synthesis of glutathione. <i>Food Chemistry</i> , 2009, 114, 1222-1230.	8.2	22

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19	2-Deoxy-d-ribose-induced oxidative stress causes apoptosis in human monocytic cells: Prevention by pyridoxal-5-phosphate. <i>Toxicology in Vitro</i> , 2008, 22, 968-979.	2.4	18
20	Inhibition of PHLPP1/2 phosphatases rescues pancreatic β -cells in diabetes. <i>Cell Reports</i> , 2021, 36, 109490.	6.4	15
21	The Hippo kinase LATS2 impairs pancreatic β -cell survival in diabetes through the mTORC1-autophagy axis. <i>Nature Communications</i> , 2021, 12, 4928.	12.8	12
22	mTORC1 and IRS1: Another Deadly Kiss. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 737-739.	7.1	11
23	Loss of TAZ Boosts PPAR γ to Cope with Insulin Resistance. <i>Cell Metabolism</i> , 2020, 31, 6-8.	16.2	11
24	mTORC in β cells: more Than Only Recognizing Comestibles. <i>Journal of Cell Biology</i> , 2017, 216, 1883-1885.	5.2	10
25	Loss of Deubiquitinase USP1 Blocks Pancreatic β -Cell Apoptosis by Inhibiting DNA Damage Response. <i>IScience</i> , 2018, 1, 72-86.	4.1	10
26	Neratinib is an MST1 inhibitor and restores pancreatic β -cells in diabetes. <i>Cell Death Discovery</i> , 2019, 5, 149.	4.7	10
27	LDHA is enriched in human islet α cells and upregulated in type 2 diabetes. <i>Biochemical and Biophysical Research Communications</i> , 2021, 568, 158-166.	2.1	10
28	An SCFFBXO28 E3 Ligase Protects Pancreatic β -Cells from Apoptosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 975.	4.1	8
29	Pancreatic β -cell rescue in diabetes by targeting Merlin. <i>Expert Review of Endocrinology and Metabolism</i> , 2017, 12, 97-99.	2.4	4
30	STRIPAK Is a Regulatory Hub Initiating Hippo Signaling. <i>Trends in Biochemical Sciences</i> , 2020, 45, 280-283.	7.5	4
31	Case Report: Neratinib Therapy Improves Glycemic Control in a Patient With Type 2 Diabetes and Breast Cancer. <i>Frontiers in Endocrinology</i> , 2022, 13, 830097.	3.5	4
32	PHLPP1 deletion restores pancreatic β -cell survival and normoglycemia in the db/db mouse model of obesity-associated diabetes. <i>Cell Death Discovery</i> , 2022, 8, 57.	4.7	3
33	MST1 deletion protects β -cells in a mouse model of diabetes. <i>Nutrition and Diabetes</i> , 2022, 12, 7.	3.2	2
34	Deathly triangle for pancreatic β -cells: Hippo pathway-MTORC1-autophagy. <i>Autophagy</i> , 2021, , 1-3.	9.1	1
35	How β cells can smell insulin fragments. <i>Cell Metabolism</i> , 2022, 34, 189-191.	16.2	1
36	Hippo STK kinases drive metabolic derangement. <i>Nature Metabolism</i> , 2021, 3, 295-296.	11.9	0