Dionysios V Chartoumpekis

List of Publications by Year
in descending order

42 papers	2,014 citations	279798 23 h-index	276875 41 g-index
43 all docs	43 docs citations	43 times ranked	3602 citing authors

#	Article	IF	Citations
1	Brown Adipose Tissue Responds to Cold and Adrenergic Stimulation by Induction of FGF21. Molecular Medicine, 2011, 17, 736-740.	4.4	213
2	EMT Factors and Metabolic Pathways in Cancer. Frontiers in Oncology, 2020, 10, 499.	2.8	205
3	Differential Expression of MicroRNAs in Adipose Tissue after Long-Term High-Fat Diet-Induced Obesity in Mice. PLoS ONE, 2012, 7, e34872.	2.5	196
4	Nrf2 Represses FGF21 During Long-Term High-Fat Dietâ€"Induced Obesity in Mice. Diabetes, 2011, 60, 2465-2473.	0.6	154
5	Notch-Nrf2 Axis: Regulation of Nrf2 Gene Expression and Cytoprotection by Notch Signaling. Molecular and Cellular Biology, 2014, 34, 653-663.	2.3	105
6	Crosstalk between Nrf2 and Notch signaling. Free Radical Biology and Medicine, 2015, 88, 158-167.	2.9	89
7	Keap1/Nrf2 pathway activation leads to a repressed hepatic gluconeogenic and lipogenic program in mice on a high-fat diet. Archives of Biochemistry and Biophysics, 2016, 591, 57-65.	3.0	82
8	New Player on An Old Field; the Keap1/Nrf2 Pathway as a Target for Treatment of Type 2 Diabetes and Metabolic Syndrome. Current Diabetes Reviews, 2013, 9, 137-145.	1.3	77
9	Withaferin A induces Nrf2-dependent protection against liver injury: Role of Keap1-independent mechanisms. Free Radical Biology and Medicine, 2016, 101, 116-128.	2.9	74
10	A Bibliometric Review of the Keap1/Nrf2 Pathway and its Related Antioxidant Compounds. Antioxidants, 2019, 8, 353.	5.1	72
11	Keap1/Nrf2 pathway in the frontiers of cancer and non-cancer cell metabolism. Biochemical Society Transactions, 2015, 43, 639-644.	3.4	62
12	Simvastatin activates Keap1/Nrf2 signaling in rat liver. Journal of Molecular Medicine, 2008, 86, 1279-1285.	3.9	61
13	Simvastatin lowers reactive oxygen species level by Nrf2 activation via PI3K/Akt pathway. Biochemical and Biophysical Research Communications, 2010, 396, 463-466.	2.1	61
14	Genetic or pharmacologic Nrf2 activation increases proteinuria in chronic kidney disease in mice. Kidney International, 2021, 99, 102-116.	5.2	40
15	Nrf2 deletion from adipocytes, but not hepatocytes, potentiates systemic metabolic dysfunction after long-term high-fat diet-induced obesity in mice. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E180-E195.	3.5	36
16	Broccoli sprout beverage is safe for thyroid hormonal and autoimmune status: Results of a 12-week randomized trial. Food and Chemical Toxicology, 2019, 126, 1-6.	3.6	35
17	Nrf2 represses the onset of type 1 diabetes in non-obese diabetic mice. Journal of Endocrinology, 2019, 240, 403-416.	2.6	33
18	Keap1 hypomorphism protects against ischemic and obstructive kidney disease. Scientific Reports, 2016, 6, 36185.	3.3	32

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19	NFE2-Related Transcription Factor 2 Coordinates Antioxidant Defense with Thyroglobulin Production and Iodination in the Thyroid Gland. Thyroid, 2018, 28, 780-798.	4.5	30
20	Keap1/Nrf2 Signaling: A New Player in Thyroid Pathophysiology and Thyroid Cancer. Frontiers in Endocrinology, 2019, 10, 510.	3.5	30
21	Nrf2 Is Commonly Activated in Papillary Thyroid Carcinoma, and It Controls Antioxidant Transcriptional Responses and Viability of Cancer Cells. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1422-E1427.	3.6	29
22	Nrf2 prevents Notch-induced insulin resistance and tumorigenesis in mice. JCI Insight, 2018, 3, .	5.0	27
23	Notch intracellular domain overexpression in adipocytes confers lipodystrophy in mice. Molecular Metabolism, 2015, 4, 543-550.	6.5	26
24	Electrophilic nitro-oleic acid reverses obesity-induced hepatic steatosis. Redox Biology, 2019, 22, 101132.	9.0	24
25	Factors associated with anti-SARS-CoV-2 antibody titres 3 months post-vaccination with the second dose of BNT162b2 vaccine: a longitudinal observational cohort study in western Greece. BMJ Open, 2022, 12, e057084.	1.9	24
26	Hepatic Gene Expression Profiling in Nrf2 Knockout Mice after Long-Term High-Fat Diet-Induced Obesity. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-17.	4.0	22
27	Genetic or Pharmacologic Activation of Nrf2 Signaling Fails to Protect Against Aflatoxin Genotoxicity in Hypersensitive GSTA3 Knockout Mice. Toxicological Sciences, 2014, 139, 293-300.	3.1	22
28	The Keap1/Nrf2 Signaling Pathway in the Thyroidâ€”2020 Update. Antioxidants, 2020, 9, 1082.	5.1	21
29	Impact of Antioxidant Natural Compounds on the Thyroid Gland and Implication of the Keap1/Nrf2 Signaling Pathway. Current Pharmaceutical Design, 2019, 25, 1828-1846.	1.9	19
30	Nrf2 activation diminishes during adipocyte differentiation of ST2 cells. International Journal of Molecular Medicine, 2011, 28, 823-8.	4.0	17
31	Rare and common genetic variations in the Keap1/Nrf2 antioxidant response pathway impact thyroglobulin gene expression and circulating levels, respectively. Biochemical Pharmacology, 2020, 173, 113605.	4.4	16
32	Interaction of Genetic Variations inNFE2L2andSELENOSModulates the Risk of Hashimoto's Thyroiditis. Thyroid, 2019, 29, 1302-1315.	4.5	12
33	Patent Review (2017â€“2020) of the Keap1/Nrf2 Pathway Using PatSeer Pro: Focus on Autoimmune Diseases. Antioxidants, 2020, 9, 1138.	5.1	11
34	The Transcriptomic Response of the Murine Thyroid Gland to Iodide Overload and the Role of the Nrf2 Antioxidant System. Antioxidants, 2020, 9, 884.	5.1	10
35	Mice Hypomorphic forKeap1, a Negative Regulator of the Nrf2 Antioxidant Response, Show Age-Dependent Diffuse Goiter with Elevated Thyrotropin Levels. Thyroid, 2021, 31, 23-35.	4.5	9
36	Hepatic Fgf21 Expression Is Repressed after Simvastatin Treatment in Mice. PLoS ONE, 2016, 11, e0162024.	2.5	9

#	Article	IF	Citations
37	Dexamethasone Administration in Mice Leads to Less Body Weight Gain over Time, Lower Serum Glucose, and Higher Insulin Levels Independently of NRF2. Antioxidants, 2022, 11, 4.	5.1	9
38	A Simple Protocol for High Efficiency Protein Isolation After RNA Isolation from Mouse Thyroid and Other Very Small Tissue Samples. Methods in Molecular Biology, 2016, 1449, 383-393.	0.9	7
39	Sulforaphane Diminishes the Formation of Mammary Tumors in Rats Exposed to 17Î²-Estradiol. Nutrients, 2020, 12, 2282.	4.1	7
40	SAT-LB102 Obesity Is Associated With Reduced Expression of the Anorexigenic Neuropeptide Nucleobindin-2/Nesfatin-1 in the Human Nucleus of the Solitary Tract. Journal of the Endocrine Society, 2020, 4, .	0.2	1
41	SAT-455 Mouse Thyroid Responds to Iodine Overload by Transcriptionally Enhancing the Keap1/Nrf2 Antioxidant Response and by Upregulating Nrf2-Dependent and Independent Inflammatory and Fibrosis Pathways. Journal of the Endocrine Society, 2020, 4, .	0.2	0
42	OR28-01 Constitutive Activation of NRF2 Antioxidant Response Leads to Age-Dependent Goiter and Compensated Hypothyroidism in Male Mice. Journal of the Endocrine Society, 2020, 4, .	0.2	0