

CITATION REPORT

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High selenium impairs hepatic insulin sensitivity through opposite regulation of ROS

DOI: 10.1016/j.toxlet.2013.10.005
Toxicology Letters, 2014, 224, 16-23.

Source: <https://exaly.com/paper-pdf/58914421/citation-report.pdf>

Version: 2024-04-24

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#	Paper	IF	Citations
95	Trace elements (zinc, selenium, chromium, iron), metabolic syndrome and type 2 diabetes. <i>Medicine Des Maladies Metaboliques</i> , 2014 , 8, 489-493	0.1	1
94	Effect of selenium on selenoprotein expression in the adipose tissue of chickens. <i>Biological Trace Element Research</i> , 2014 , 160, 41-8	4.5	31
93	Biomarkers of selenium status. <i>Nutrients</i> , 2015 , 7, 2209-36	6.7	202
92	Dietary selenate attenuates adiposity and improves insulin sensitivity in high-fat diet-induced obese mice. <i>Journal of Functional Foods</i> , 2015 , 17, 33-42	5.1	5
91	Selenium-Functionalized Molecules (SeFMs) as Potential Drugs and Nutritional Supplements. <i>Topics in Medicinal Chemistry</i> , 2015 , 119-153	0.4	2
90	Selenium: an element for life. <i>Endocrine</i> , 2015 , 48, 756-75	4	188
89	Association of trace elements with lipid profiles and glycaemic control in patients with type 1 diabetes mellitus in northern Sardinia, Italy: An observational study. <i>Chemosphere</i> , 2015 , 132, 101-7	8.4	19
88	Do genes modify the association of selenium and lipid levels?. <i>Antioxidants and Redox Signaling</i> , 2015 , 22, 1352-62	8.4	8
87	Melatonin and selenium reduce plasma cytokine and brain oxidative stress levels in diabetic rats. <i>Brain Injury</i> , 2015 , 29, 1490-6	2.1	27
86	Toenail selenium and risk of type 2 diabetes: the ORDET cohort study. <i>Journal of Trace Elements in Medicine and Biology</i> , 2015 , 29, 145-50	4.1	27
85	Mitochondrial Protein Profile in Mice with Low or Excessive Selenium Diets. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	8
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80	Selenium and Endocrine Tissues. 2016 , 389-400		2
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78	Novel insights into redox system and the mechanism of redox regulation. <i>Molecular Biology Reports</i> , 2016 , 43, 607-28	2.8	46
77	Restoring effect of selenium on the molecular content, structure and fluidity of diabetic rat kidney brush border cell membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016 , 1858, 845-54	3.8	14
76	Differential effect of Se on insulin resistance: regulation of adipogenesis and lipolysis. <i>Molecular and Cellular Biochemistry</i> , 2016 , 415, 89-102	4.2	11
75	Metabolic syndrome and selenium during gestation and lactation. <i>European Journal of Nutrition</i> , 2017 , 56, 819-830	5.2	13
74	Supranutritional selenium intake from enriched milk casein impairs hepatic insulin sensitivity via attenuated IRS/PI3K/AKT signaling and decreased PGC-1 β expression in male Sprague-Dawley rats. <i>Journal of Nutritional Biochemistry</i> , 2017 , 41, 142-150	6.3	11
73	Selenium, Vanadium, and Chromium as Micronutrients to Improve Metabolic Syndrome. <i>Current Hypertension Reports</i> , 2017 , 19, 10	4.7	55
72	Anti-diabetic effect of extract on 57BL/KsJ db-/db- mice. <i>Experimental and Therapeutic Medicine</i> , 2017 , 13, 1321-1328	2.1	12
71	Circulating selenoprotein P levels in relation to MRI-derived body fat volumes, liver fat content, and metabolic disorders. <i>Obesity</i> , 2017 , 25, 1128-1135	8	15
70	A gene-environment interaction analysis of plasma selenium with prevalent and incident diabetes: The Hortega study. <i>Redox Biology</i> , 2017 , 12, 798-805	11.3	28
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68	The supranutritional selenium status alters blood glucose and pancreatic redox homeostasis via a modulated selenotranscriptome in chickens (<i>Gallus gallus</i>). <i>RSC Advances</i> , 2017 , 7, 24438-24445	3.7	7
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59	High serum selenium levels are associated with impaired fasting glucose and elevated fasting serum glucose in Linyi, China. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 45, 64-69	4.1	6
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55	Selenium exposure and the risk of type 2 diabetes: a systematic review and meta-analysis. <i>European Journal of Epidemiology</i> , 2018 , 33, 789-810	12.1	111
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53	Maternal metabolic syndrome and selenium: Endocrine energy balance during early programming. <i>Life Sciences</i> , 2019 , 233, 116689	6.8	4
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- 5 Whole blood trace element and toxic metal concentration in dogs with idiopathic epilepsy and healthy dogs: A case-control study. 9, ○
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- 1 Role of selenium in type 2 diabetes, insulin resistance and insulin secretion. 14, 147-158 ○