

# Selenoproteins: Antioxidant selenoenzymes and beyond

Archives of Biochemistry and Biophysics

595, 113-119

DOI: [10.1016/j.abb.2015.06.024](https://doi.org/10.1016/j.abb.2015.06.024)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Serum Selenium Status in Patients with Type 2 Diabetes and Control Group. <i>Global Journal of Health Science</i> , 2016, 9, 234.	0.2	1
3	Biological Chemistry of Hydrogen Selenide. <i>Antioxidants</i> , 2016, 5, 42.	5.1	55
4	Selenylation modification can enhance immune-enhancing activity of Chuanminshen violaceum polysaccharide. <i>Carbohydrate Polymers</i> , 2016, 153, 302-311.	10.2	44
5	Theoretical Calculation of $pK_a$ 's of Selenols in Aqueous Solution Using an Implicit Solvation Model and Explicit Water Molecules. <i>Journal of Physical Chemistry A</i> , 2016, 120, 8916-8922.	2.5	38
6	Mistranslation: from adaptations to applications. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3070-3080.	2.4	14
8	Loss of selenocysteine insertion sequence binding protein 2 suppresses the proliferation, migration/invasion and hormone secretion of human trophoblast cells via the PI3K/Akt and ERK signaling pathway. <i>Placenta</i> , 2017, 55, 81-89.	1.5	18
9	Associations of Spatial Disparities of Alzheimer's Disease Mortality Rates with Soil Selenium and Sulfur Concentrations and Four Common Risk Factors in the United States. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 897-907.	2.6	12
10	Unimolecular rearrangement of the simplest compound models with a selenium-oxygen, selenium-sulphur and selenium-selenium bond: $SeXH$ and $HSeXH$ ( $X = O, S, Se$ ). <i>Molecular Physics</i> , 2017, 115, 1004-1013.	1.7	4
11	Double-Blind, Placebo-Controlled, Randomized Trial of Selenium in Graves Hyperthyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4333-4341.	3.6	39
12	Selenoprotein T is a novel OST subunit that regulates UPR signaling and hormone secretion. <i>EMBO Reports</i> , 2017, 18, 1935-1946.	4.5	48
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14	Insights into substrate promiscuity of human seryl-tRNA synthetase. <i>Rna</i> , 2017, 23, 1685-1699.	3.5	25
15	Dietary Selenium Deficiency or Excess Reduces Sperm Quality and Testicular mRNA Abundance of Nuclear Glutathione Peroxidase 4 in Rats. <i>Journal of Nutrition</i> , 2017, 147, 1947-1953.	2.9	46
16	Copper-Catalyzed Selective Synthesis of 5-Selenanylimidazo[2,1-b]thiazoles. <i>ChemistrySelect</i> , 2017, 2, 10793-10797.	1.5	11
17	Overexpression and Low Expression of Selenoprotein S Impact Ochratoxin A-Induced Porcine Cytotoxicity and Apoptosis in Vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 6972-6981.	5.2	19
18	Selenium and redox signaling. <i>Archives of Biochemistry and Biophysics</i> , 2017, 617, 48-59.	3.0	113
19	Effects of selenium on short-term control of hyperthyroidism due to Graves' disease treated with methimazole: results of a randomized clinical trial. <i>Journal of Endocrinological Investigation</i> , 2017, 40, 281-287.	3.3	50
20	Selenium-Substituted Hydroxyapatite Nanoparticles and their in Vitro Interaction on Human Bone Marrow- and Umbilical Cord-Derived Mesenchymal Stem Cells. <i>InterCeram: International Ceramic Review</i> , 2017, 66, 244-252.	0.2	3

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25	Chalcogen-containing phenolics as antiproliferative agents. <i>Future Medicinal Chemistry</i> , 2018, 10, 319-334.	2.3	9
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27	Cyclic Acyl Disulfides and Acyl Selenylsulfides as the Precursors for Persulfides (RSSH), Selenylsulfides (RSeSH), and Hydrogen Sulfide (H <sub>2</sub> S). <i>Organic Letters</i> , 2018, 20, 852-855.	4.6	34
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34	Selenium and Type 2 Diabetes: Systematic Review. <i>Nutrients</i> , 2018, 10, 1924.	4.1	73
35	Atom-economical selenation of electron-rich arenes and phosphonates with molecular oxygen at room temperature. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 9243-9250.	2.8	28
36	The Anticancer and Chemopreventive Activity of Selenocyanate-Containing Compounds. <i>Current Pharmacology Reports</i> , 2018, 4, 468-481.	3.0	48
37	Long non-coding RNA, Bmcbob, regulates osteoblastic differentiation of bone marrow mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 536-542.	2.1	22
38	Small SeP or Giant Leap for Pulmonary Hypertension Research?. <i>Circulation</i> , 2018, 138, 624-626.	1.6	5

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61	Alterations in transcriptome and antioxidant activity of naturally aged mice exposed to selenium-rich rice. <i>Environmental Science and Pollution Research</i> , 2019, 26, 17834-17844.	5.3	13
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