

# The role of selenium metabolism and selenoproteins in arthropathies

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Healthy bone tissue homeostasis. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1165-1165.	7.7	5
2	Preparation, characterization, and <i>in vivo</i> evaluation of anti-inflammatory activities of selenium nanoparticles synthesized by <i>Kluyveromyces lactis</i> GG799. <i>Food and Function</i> , 2021, 12, 6403-6415.	4.6	16
3	Biofortification of Silage Maize with Zinc, Iron and Selenium as Affected by Nitrogen Fertilization. <i>Plants</i> , 2021, 10, 391.	3.5	18
4	Selenium as a Bioactive Micronutrient in the Human Diet and Its Cancer Chemopreventive Activity. <i>Nutrients</i> , 2021, 13, 1649.	4.1	63
5	Selenomethionine: A Pink Trojan Redox Horse with Implications in Aging and Various Age-Related Diseases. <i>Antioxidants</i> , 2021, 10, 882.	5.1	22
6	Selenium in Human Health and Gut Microflora: Bioavailability of Selenocompounds and Relationship With Diseases. <i>Frontiers in Nutrition</i> , 2021, 8, 685317.	3.7	90
7	Comparative study on protective effect of different selenium sources against cadmium-induced nephrotoxicity via regulating the transcriptions of selenoproteome. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112135.	6.0	44
8	Dysregulation of Transcription Profile of Selenoprotein in Patients with Kashin-Beck Disease and Its Effect on Se Deficiency-Induced Chondrocyte Apoptosis. <i>Biological Trace Element Research</i> , 2022, 200, 1508-1517.	3.5	4
9	Intein-based Design Expands Diversity of Selenocysteine Reporters. <i>Journal of Molecular Biology</i> , 2022, 434, 167199.	4.2	9
10	Inhibitory Effects of IL-6-Mediated Matrix Metalloproteinase-3 and -13 by <i>Achyranthes japonica</i> Nakai Root in Osteoarthritis and Rheumatoid Arthritis Mice Models. <i>Pharmaceuticals</i> , 2021, 14, 776.	3.8	9
11	Anticancer Activity of Selenium Nanoparticles In Vitro Studies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1658-1673.	1.7	18
13	Multi-Omics Analysis to Generate Hypotheses for Mild Health Problems in Monkeys. <i>Metabolites</i> , 2021, 11, 701.	2.9	0
14	A Pan-Cancer Analysis of the Role of Selenoprotein P mRNA in Tumorigenesis. <i>International Journal of General Medicine</i> , 2021, Volume 14, 7471-7485.	1.8	7
15	Progress of Selenium Deficiency in the Pathogenesis of Arthropathies and Selenium Supplement for Their Treatment. <i>Biological Trace Element Research</i> , 2022, 200, 4238-4249.	3.5	14
16	In Silico Prediction of Steroids and Triterpenoids as Potential Regulators of Lipid Metabolism. <i>Marine Drugs</i> , 2021, 19, 650.	4.6	18
17	Inherited Disorders of Thyroid Hormone Metabolism Defect Caused by the Dysregulation of Selenoprotein Expression. <i>Frontiers in Endocrinology</i> , 2021, 12, 803024.	3.5	5
18	Nutrition by Design: Boosting Selenium Content and Fresh Matter Yields of Salad Greens With Preharvest Light Intensity and Selenium Applications. <i>Frontiers in Nutrition</i> , 2021, 8, 787085.	3.7	3
19	The Effects of Selenium on Bone Health: From Element to Therapeutics. <i>Molecules</i> , 2022, 27, 392.	3.8	26

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20	The Role of Selenoprotein Tissue Homeostasis in MetS Programming: Energy Balance and Cardiometabolic Implications. <i>Antioxidants</i> , 2022, 11, 394.	5.1	7
21	Translational selenium nanotherapeutics counter-acts multiple risk factors to improve surgery-induced cognitive impairment. <i>Chemical Engineering Journal</i> , 2022, 441, 135984.	12.7	12
22	Associations between Maternal Selenium Status and Cord Serum Vitamin D Levels: A Birth Cohort Study in Wuhan, China. <i>Nutrients</i> , 2022, 14, 1715.	4.1	1
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24	Regulation of A-to-I RNA editing and stop codon recoding to control selenoprotein expression during skeletal myogenesis. <i>Nature Communications</i> , 2022, 13, 2503.	12.8	5
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39	SEPHS1: Its evolution, function and roles in development and diseases. <i>Archives of Biochemistry and Biophysics</i> , 2022, 730, 109426.	3.0	4
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48	Selenium, Iodine and Iron—Essential Trace Elements for Thyroid Hormone Synthesis and Metabolism. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3393.	4.1	10
49	Detection of selenoprotein transcriptome in chondrocytes of patients with Kashin–Beck disease. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	3.7	1
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57	Systemic immunometabolism and responses to vaccines: insights from T and B cell perspectives. <i>International Immunology</i> , 0, , .	4.0	1
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