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Selenium: biochemical role as a component of glutathione peroxidase

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2230	Glutathione peroxidase activity and erythrocyte stability in calves differing in selenium and vitamin E status. 1981 , 46, 345-55		32
2229	Selenium and cancer: Chemical interpretation of a plasma cancer test. 1973 , 2, 329-340		28
2228	Glutathione peroxidase: a selenoenzyme. 1973 , 32, 132-4		972
2227	Effect of antioxidants and nutrients on lipid peroxidation fluorescent products and aging parameters in the mouse. 1973 , 28, 415-24		208
2226	16. Konferenz der Gesellschaft für Biologische Chemie. Symposium on Glutathione. 1973 , 354, 825-838		
2225	Linoleic acid hydroperoxide: impaired bacterial uptake by alveolar macrophages, a mechanism of oxidant lung injury. <i>Science</i> , 1973 , 182, 1364-5	33.3	22
2224	Effect of dietary selenium and autoxidized lipids on the glutathione peroxidase system of gastrointestinal tract and other tissues in the rat. 1974 , 104, 1069-78		75
2223	Selenium-glutathione peroxidase and vitamin E. 1974 , 27, 960-965		72
2222	Response of glutathione peroxidase to dietary selenium in rats. 1974 , 104, 444-51		139
2221	The selenium story: some reflections on the "moon-metal". 1974 , 22, 85-94		9
2220	Selenium biochemistry. <i>Science</i> , 1974 , 183, 915-22	33.3	280
2219	Glutathione peroxidase activity as a function of dietary selenomethionine. 1974 , 247, 392-3		94
2218	SUPEROXIDE DISMUTASE, CATALASE AND GLUTATHIONE PEROXIDASE: SOLUTIONS TO THE PROBLEMS OF LIVING WITH OXYGEN. 1974 , 73, 1075-1086		211
2217	Biological potency of organic selenium compounds. IV. Straight-chain dialkylmono- and diselenides. 1974 , 3, 145-52		12
2216	Selenium in human plasma: levels in blood proteins and behavior upon dialysis, acidification, and reduction. 1974 , 3, 217-23		13
2215	The selenium catalyzed reduction of methylene blue by thiols. 1974 , 3, 225-42		23
2214	Glutathione peroxidase activity in rat lens and other tissues in relation to dietary selenium intake. 1974 , 18, 563-9		142

2213	Nutrition update, 1974. 1974 , 6, 139-143	5
2212	Letter to the editor: Prostaglandins synthesis and selenium deficiency, a hypothesis. 1974 , 8, 339-40	4
2211	Characterization of the selenium in rat liver mitochondria as glutathione peroxidase. 1974 , 58, 1047-52	18
2210	Studies on adrenal steroid hydroxylases Chemical and enzymatic properties of selenium derivatives of adrenal iron-sulfur protein. 1974 , 336, 427-436	19
2209	Glutathione peroxidase, glutathione reductase, and thiobarbituric acid-reactive products in muscles of chickens and mice with genetic muscular dystrophy. 1974 , 15, 137-45	53
2208	The effect of selenium in the hen's diet on egg production, hatchability, performance of progeny and selenium concentration in eggs. 1974 , 53, 1870-80	61
2207	Selenium as a component of glutathione peroxidase isolated from ovine erythrocytes. 1974 , 13, 1825-9	191
2206	In vivo ⁷⁵ Se binding to human plasma proteins after administration of ⁷⁵ SeO ₃ ²⁻ 1974 , 372, 255-265	27
2205	An improved coupled test procedure for glutathione peroxidase (EC 1-11-1-9-) in blood. 1974 , 12, 444-8	113
2204	Selenium and hepatic microsomal hemoproteins. 1974 , 56, 431-6	34
2203	The nutritional and metabolic roles of selenium and vitamin E. 1974 , 33, 315-22	11
2202	Effect of dietary selenium on glutathione peroxidase in the chick. 1974 , 104, 747-53	81
2201	Effect of dietary selenium on erythrocyte and liver glutathione peroxidase in the rat. 1974 , 104, 580-7	805
2200	Vitamin E in human nutrition. 1975 , 3, 105-112	1
2199	New evidence concerning mechanisms of action of vitamin E and selenium. 1974 , 32, 429-44	25
2198	Vitamin E, selenium, and the membrane-associated drug-metabolizing enzyme system of rat liver. 1974 , 32, 445-61	12
2197	Efficacy of Selenium in Selenium Compounds and Feedstuffs for Prevention of Pancreatic Fibrosis in Chicks. 1975 , 105, 106-111	66
2196	Modification of a selenium toxicity in chicks by dietary silver and copper. 1975 , 105, 769-75	54

2195	Glutathione peroxidase activity of inorganic selenium and seleno-DL-cysteine. 1975 , 31, 769-70	8
2194	Selenium binding to beef-kidney rhodanese. 1975 , 55, 285-9	9
2193	Glutathione polymorphism in the sheep red blood cells. 1975 , 6, 843-852	12
2192	Selenium content of food consumed by Canadians. 1975 , 105, 274-7	75
2191	Studies on the formation of lipid peroxides and on some enzymic activities in the liver of vitamin E-deficient rats. 1975 , 105, 364-71	4
2190	Ultrastructure of gastrointestinal smooth muscle in ducks with a vitamin E-selenium deficiency. 1975 , 105, 782-90	8
2189	Recent Developments in Lipid Biosynthetic Pathways. 1975 , 1-41	1
2188	The Influence of Environmental Factors on Lipid Metabolism. 1975 , 197-224	
2187	Alleviating mortality associated with a vitamin E-selenium deficiency by dietary ascorbic acid. 1975 , 54, 266-9	9
2186	Polychlorinated biphenyl-stimulated selenium deficiency in the chick. 1975 , 54, 1152-8	16
2185	Induced exudative diathesis in chicks by dietary silver. 1975 , 54, 795-8	7
2184	Effects of dietary polychlorinated biphenyls on vitamin E and selenium nutrition in the chick. 1975 , 54, 1143-52	10
2183	Selenium in ruminant nutrition: a review. 1975 , 58, 1561-77	75
2182	Serum-selenium concentrations in patients with maple-syrup-urine disease and phenylketonuria under dieto-therapy. 1975 , 64, 57-61	37
2181	Effect of dietary antioxidants and phenobarbital pretreatment on microsomal lipid peroxidation and activation by carbon tetrachloride. 1976 , 19, 1151-60	12
2180	Metabolic aspects of selenium action and toxicity. 1976 , 4, 271-329	137
2179	Purification and properties of rat lung soluble glutathione peroxidase. 1976 , 445, 558-66	235
2178	Effect of glutathione peroxidase activity on lipid peroxidation in biological membranes. 1976 , 431, 459-468	190

2177	Inhibitory effect of mercury on kidney glutathione peroxidase and its prevention by selenium. 1976 , 12, 75-80	43
2176	Alteration of lung lipids in ozone exposed rats. 1976 , 68, 1256-62	53
2175	Glutathione peroxidase activity in selenium-deficient rat liver. 1976 , 71, 952-8	2681
2174	The levels of selenium and glutathione peroxidase activity in blood of sheep, cows and pigs. 1976 , 20, 229-231	67
2173	Paraquat toxicity: proposed mechanism of action involving lipid peroxidation. 1976 , 16, 139-46	167
2172	Differential effects of high dietary levels of vitamin A on the vitamin E-selenium nutrition of young and adult chickens. 1976 , 106, 967-75	38
2171	Influence of ascorbic acid on selenium nutrition in the chick. 1976 , 106, 958-66	35
2170	Vitamin E and selenium interrelations in the diet of Atlantic salmon (<i>Salmo salar</i>): gross, histological and biochemical deficiency signs. 1976 , 106, 892-904	170
2169	Influence of dietary peroxides, selenium and vitamin E on glutathione peroxidase of the gastrointestinal tract. 1976 , 106, 589-96	22
2168	Phytochemistry The World of a Chemist among Plants. 1976 , 1, 63-71	1
2167	Phytochemistry The World of a Chemist among Plants. 1976 , 1976, 63-71	
2166	Essentiality and metabolic functions of selenium. 1976 , 60, 745-58	61
2165	Glutathione peroxidase activity in bovine and ovine erythrocytes in relation to blood selenium concentration. 1976 , 132, 428-34	55
2164	Selenium and glutathione peroxidase in developing rat brain. 1976 , 27, 1379-87	172
2163	Oxidation of human and animal haemoglobins with ascorbate, acetylphenylhydrazine, nitrite, and hydrogen peroxide. 1976 , 32, 193-203	26
2162	Influence of dietary selenite on the binding characteristics of rat serum proteins to mercurial compounds. 1976 , 15, 51-7	14
2161	[Selenium concentration and activity of glutathione peroxidase in lysate of human erythrocytes]. 1976 , 33, 247-51	22
2160	Effect of selenium compounds on selenium content, growth and 35S-cystine metabolism of skin fibroblasts from normal and cystinotic individuals. 1976 , 6, 187-202	2

2159	Coronary heart disease and tocopherol: a viewpoint. 1976 , 24, 97-107	
2158	Studies on the enteric absorption of selenium in the chick using localized coccidial infections. 1976 , 55, 2265-74	12
2157	Antioxidants and cancer. Part VI. Selenium and age-adjusted human cancer mortality. 1976 , 31, 231-5	183
2156	Pro- and Antioxidants in the Diets of Broilers and their Effects on Carcass Quality: Copper, Selenium and Acidulated Soybean-Oil Soapstock. 1977 , 56, 829-835	5
2155	Selenium concentrations and glutathione peroxidase activities in whole blood of New Zealand residents. 1977 , 37, 457-60	122
2154	A possible prophylaxis and model for nutritional degenerative myopathy in young cattle. 1977 , 133, 535-42	24
2153	Interactions of non-nutrients with nutrients. 1977 , 26, 41-134	4
2152	Effects of selenium and vitamin E on blood selenium levels, tissue glutathione peroxidase activities and white muscle disease in sheep fed purified or hay diets. 1977 , 107, 1298-307	49
2151	Glutathione peroxidase: inhibition by cyanide and release of selenium. 1977 , 74, 64-71	78
2150	The influence of dietary selenium and vitamin E on glutathione peroxidase and glutathione in the rat. 1977 , 497, 218-24	27
2149	Selenite toxicity, depletion of liver S-adenosylmethionine, and inactivation of methionine adenosyltransferase. 1977 , 179, 136-40	47
2148	Improved procedure for X-ray photoelectron spectroscopy of selenium-glutathione peroxidase and application to the rat liver enzyme. 1977 , 184, 209-15	22
2147	Rat liver glutathione peroxidase: purification and study of multiple forms. 1977 , 183, 490-7	70
2146	Drug induced hemolysis. 1977 , 8, 13-9	4
2145	Catalytic action of selenium in the reduction of methemoglobin by glutathione. 1977 , 21, 695-700	12
2144	The properties of a rat serum protein labelled by the injection of sodium selenite. 1977 , 500, 61-70	61
2143	Environmental chemistry of reactive oxygen species. 1977 , 8, 197-246	14
2142	Comparative effects of selenium and vitamin E in lead-poisoned rats. 1977 , 107, 378-2	25

2141	Protection against carbon tetrachloride-induced lipid peroxidation in the rat by dietary vitamin E, selenium, and methionine as measured by ethane evolution. 1977 , 107, 656-65	114
2140	LIPID PEROXIDATION AS A PROPOSED MECHANISM FOR PARAQUAT TOXICITY. 1977 , 157-174	18
2139	Glutathione peroxidase system and microsomal lipoperoxidation in preneurotic stages of dietary hepatic necrosis in rats. 1977 , 107, 1852-8	5
2138	Selenium. 1977 , 302-346	46
2137	Ultrastructural changes in the pancreata of selenium-vitamin E-deficient chicks. 1977 , 14, 629-42	8
2136	Effects of selenite and selenomethionine on glutathione peroxidase in the rat. 1977 , 107, 475-9	26
2135	Lipid peroxidation in vivo during vitamin E and selenium deficiency in the rat as monitored by ethane evolution. 1977 , 107, 666-72	142
2134	Selenosis, hepatic selenium accumulation, and plasma glutathione peroxidase activity in chicks as affected by a factor in linseed meal. 1977 , 107, 391-6	7
2133	Determination of selenium in biological samples by gas-liquid chromatography with electron-capture detection. 1977 , 136, 73-83	57
2132	Usefulness of N-ethylmaleimide in the identification of ⁷⁵ Se-labeled selenocysteine. 1977 , 139, 391-4	1
2131	Interaction of selenium and mercury in the rat. 1977 , 17, 25-40	60
2130	Acceleration of methemoglobin reduction in erythrocytes by selenium. 1977 , 33, 678-80	10
2129	Protective action of sodium selenite and vitamin E in tissue calcinosis induced by the administration of large doses of vitamin D. 1977 , 11, 744-748	
2128	New developments in muscle pathology: Nutritional myopathies including muscular dystrophy [br] white muscle disease [b] 1977 , 1, 243-250	10
2127	The selenium state of healthy children. I. Serum selenium concentration at different ages; activity of glutathione peroxidase of erythrocytes at different ages; selenium content of food of infants. 1977 , 125, 81-8	105
2126	The selenium state of children. II. Selenium content of serum, whole blood, hair and the activity of erythrocyte glutathione peroxidase in dietetically treated patients with phenylketonuria and maple-syrup-urine disease. 1978 , 128, 213-23	71
2125	Selenium proteins in ovine tissues: III. Distribution of selenium and glutathione peroxidases in tissue cytosols. 1978 , 8, 161-72	36
2124	The metabolism of selenite by intact rat erythrocytes in vitro. 1978 , 21, 299-313	41

2123	Hepatic alpha-tocopherol binding protein in the rat: absence of an effect of selenium deficiency on binding activity. 1978 , 34, 830-1	
2122	Fluorescent pigment and pentane production by lipid peroxidation in honey bees, <i>Apis mellifera</i> . 1978 , 13, 457-9	22
2121	Blood glutathione peroxidase activity in horses in relation to muscular dystrophy and selenium nutrition. 1978 , 54, 57-60	36
2120	A semiautomated system for measurement of glutathione in the assay of glutathione peroxidase. 1978 , 89, 430-6	28
2119	Attachment of selenocysteine in the catalytic site of glutathione peroxidase. 1978 , 84, 248-53	43
2118	The glutathione status of cells. 1978 , 54, 109-60	953
2117	Enhanced lung toxicity of paraquat in selenium-deficient rats. 1978 , 43, 237-47	44
2116	Enhanced lung toxicity of intratracheally instilled cadmium chloride in selenium-deficient rats. 1978 , 43, 249-57	9
2115	Glutathione peroxidase activity in erythrocytes and muscle of cattle and sheep and its relationship to selenium. 1978 , 88, 181-9	58
2114	Purification and properties of rat liver mitochondrial glutathione peroxidase. 1978 , 526, 65-76	52
2113	Formate dehydrogenase, a selenium--tungsten enzyme from <i>Clostridium thermoaceticum</i> . 1978 , 53, 360-72	84
2112	Mercury metabolism in Japanese quail. II. The effects of dietary mercury and selenium on blood and liver glutathione peroxidase activity and selenium concentration. 1978 , 57, 1286-92	11
2111	Selenium and vitamin E in cord blood from preterm and full term infants. 1978 , 67, 735-9	39
2110	Effect of selenate toxicity on soil mycoflora. 1978 , 13, 697-706	
2109	Influence of ethoxyquin on the utilization of selenium by the chick. 1978 , 57, 210-22	24
2108	Studies on the utilization of vitamin E alcohol and esters by the chick. 1978 , 57, 223-9	10
2107	Biochemical abnormalities in Batten's syndrome. 1978 , 38, 309-18	21
2106	Trace element disturbances in dietetically treated patients with phenylketonuria and maple syrup urine disease. 1978 , 9, 114-7	10

2105	The endoplasmic reticulum membrane system and malignant neoplasia. 1978 , 22, 317-62	18
2104	Vitamin E requirements of preterm infants. 1978 , 67, 459-63	22
2103	Manganese metabolism and its function. 1978 , 32, 123-34	52
2102	Selenium concentration and glutathione peroxidase activity in blood of New Zealand infants and children. 1978 , 31, 1413-8	70
2101	Selenium and Vitamin E: Blood and Tissue Levels in Pigs. 1978 , 28, 219-231	1
2100	Neurochemical Aspects of the Membrane Hypothesis of Aging. 1979 , 15, 34-53	36
2099	Glutathione peroxidase activity in intestinal and liver tissues of rats fed various levels of selenium, sulfur and alpha-tocopherol. 1979 , 109, 444-52	24
2098	Serum levels of selenium, calcium, copper magnesium, manganese and zinc in various human diseases. 1979 , 109, 1432-7	104
2097	Vitamin B6 dependence of selenomethionine and selenite utilization for glutathione peroxidase in the rat. 1979 , 109, 760-6	36
2096	Uptake of selenium-75 by human lymphocytes in vitro. 1979 , 109, 1901-8	19
2095	Haemoglobin oxidation in whole blood samples from sheep in relation to glutathione peroxidase activity. 1979 , 32, 451-6	1
2094	Reduction of hepatic lipid deposition in laying hens by dietary selenium-yeast interaction. 1979 , 58, 1548-56	8
2093	The Selenium Needs of Laying and Breeding Hens. 1979 , 58, 871-884	26
2092	An examination of the role of vitamin E in glucose-6-phosphate dehydrogenase deficiency. 1979 , 12, 149-51	20
2091	Neutron activation analysis of trace elements in skin.. 1979 , 101, 567-572	5
2090	Nicotinic acid hydroxylase from <i>Clostridium barkeri</i> : Selenium-dependent formation of active enzyme. 1979 , 5, 155-158	57
2089	The newer trace elements. 1979 , 1, 259-70	5
2088	[Visceral involvement]. 1979 , 23, 103-11	5

2087	Effects of vitamin E and selenium deficiency on the fatty acid composition of rat retinal tissues. 1979 , 552, 281-93	37
2086	Rat liver cytosolic glutathione peroxidase: reactivity with linoleic acid hydroperoxide and cumene hydroperoxide. 1979 , 193, 51-5	43
2085	Catalase, superoxide dismutase, glutathione reductase and thiobarbituric acid-reactive products in normal and dystrophic human muscle. 1979 , 94, 277-80	96
2084	Effect of selenite on drug-induced methemoglobinemia in rats. 1979 , 28, 2209-11	3
2083	In vitro metabolism of selenite in sheep blood: factors controlling the distribution of selenium and the labelling of plasma protein. 1979 , 583, 332-43	9
2082	SELENIUM IN THE HEART OF CHINA. 1979 , 314, 889-890	3
2081	PLATELETS. ENDOTHELIUM, AND RENAL DISEASE. 1979 , 314, 890-891	
2080	Is the selenium drinking water standard justified?. 1979 , 5, 877-99	12
2079	Phylogenetic distribution of glutathione peroxidase. 1979 , 63, 39-44	38
2078	EFFECT OF DIETARY SELENIUM DEPLETION AND REPLETION ON PLASMA GLUTATHIONE PEROXIDASE ACTIVITY AND SELENIUM CONCENTRATION IN BLOOD AND BODY TISSUE OF GROWING PIGS. 1979 , 59, 761-771	11
2077	EFFECT OF DIETARY SELENIUM ON GLUTATHIONE PEROXIDASE ACTIVITY IN PIGLETS. 1979 , 59, 67-75	10
2076	Dietary selenium and age-related susceptibility of rat erythrocytes to oxidative damage. 1980 , 110, 2460-6	22
2075	An analytical study of mixed-ligand selenium(IV) complexes. 1980 , 74, 179-186	1
2074	Uptake, depuration, and distribution of selenium in Daphnia and its effects on survival and ultrastructure. 1980 , 9, 23-40	34
2073	Studies on the relations of selenium and Keshan disease. 1980 , 2, 91-107	376
2072	Oxidized forms of ovine erythrocyte glutathione peroxidase. Cyanide inhibition of a 4-glutathione:4-selenoenzyme. 1980 , 615, 19-26	42
2071	Purification and immunohistochemical localization of rat liver glutathione peroxidase. 1980 , 621, 130-7	38
2070	Regional distribution of glutathione peroxidase in the adult rat brain. 1980 , 35, 1013-4	79

2069	Glutathione Peroxidase. 1980 , 333-353	113
2068	Nutrition, Health and Aging. 1979 , 20-62	
2067	Nutrition and Disease. 1979 , 134-163	
2066	A biological assay for determination of availability of selenium for restoring blood plasma glutathione peroxidase activity in selenium-depleted chicks. 1980 , 110, 1089-95	17
2065	Management of Liver Failure in a Patient Following Jejunoileal Bypass. 1980 , 78, 1593-1601	6
2064	Creatine kinase release and muscle changes in chronic copper poisoning in sheep. 1980 , 28, 351-361	8
2063	Porphyryn, Heme, and Erythrocyte Metabolism: The Porphyrins. 1980 , 119-174	2
2062	Trace elements in the fetus and young infant. II. Copper, manganese, selenium, and chromium. 1980 , 134, 74-81	88
2061	Induction of Glutathione Peroxidase Activity by Selenium in the Chick ,. 1980 , 59, 135-140	3
2060	Selenium-dependent enzymes. 1980 , 49, 93-110	233
2059	Effect of Peroxide Administration on Selenium Utilization, Growth, Deficiency Symptoms, and Glutathione Peroxidase Activity in Chicks Fed Controlled Selenium Diets ,. 1980 , 59, 141-148	3
2058	Leucocyte glutathione peroxidase activity and selenium level in multiple sclerosis. 1980 , 48, 61-7	38
2057	Biochemical mechanisms in chemical-induced lung injury: roles of metabolic activation. 1980 , 7, 103-76	221
2056	Increased glutathione-S-transferase activity in antioxidant-deficient rats. 1980 , 631, 503-6	34
2055	Glutathione peroxidase II of guinea pig liver cytosol: relationship to glutathione S-transferases. 1980 , 205, 122-31	14
2054	Interaction between an organic hydroperoxide and an unsaturated phospholipid and alpha-tocopherol in model membranes. 1980 , 619, 274-86	40
2053	Blood levels of superoxide dismutase and glutathione peroxidase in Duchenne muscular dystrophy. 1980 , 105, 249-55	30
2052	Interactions of vitamin E and selenium with mercury and silver. 1980 , 355, 212-26	89

2051	Incorporation of selenium from selenite and selenocystine into glutathione peroxidase in the isolated perfused rat liver. 1980 , 93, 1181-8	79
2050	Evidence for the biosynthesis of selenobiotin. 1980 , 93, 572-6	5
2049	Glutathione peroxidase activity of D,L-seleno-cystine and selenocystamine. 1980 , 96, 243-9	26
2048	Altered lipoxygenase metabolism and decreased glutathione peroxidase activity in platelets from selenium-deficient rats. 1980 , 92, 268-76	137
2047	Defense system of the lens against oxidative damage: effect of oxidative challenge on cataract formation in glutathione peroxidase deficient-acatalasemic mice. 1980 , 31, 425-33	29
2046	Aspects of free radical reactions in biological systems: aging. 1980 , 35, 45-56	266
2045	Influence of selenium, vitamin E, and ethoxyquin on lipid peroxidation in muscle tissues from fowl during low temperature storage. 1980 , 59, 347-51	17
2044	Influences of dietary vitamin E and selenium on the oxidant defense system of the chick. 1981 , 60, 2098-105	35
2043	Oxidative haemolysis in protein malnutrition. 1981 , 116, 217-22	8
2042	Effect of selenium on glutathione metabolism. Induction of gamma-glutamylcysteine synthetase and glutathione reductase in the rat liver. 1981 , 30, 3217-23	69
2041	Haemolysis of normal and glutathione-deficient sheep erythrocytes by selenite and tellurite. 1981 , 30, 2527-30	35
2040	Protein bound selenium in some marine organisms. 1981 , 10, 1155-1161	15
2039	Biochemical changes associated with selenite-induced cataract in the rat. 1981 , 33, 505-14	47
2038	The characteristic cell of acute inflammation, the polymorphonuclear neutrophil leucocyte, and its biochemistry. 1981 , 4, 191-207	5
2037	Interactions of selenium and antioxidants with mercury, cadmium and silver. 1981 , 1, 368-75	28
2036	In vivo incorporation of selenalysine in Escherichia coli proteins and its effects on cell growth. 1981 , 678, 165-71	6
2035	Selenium content of selected hospital diets. 1981 , 1, 235-241	6
2034	Nutritional availability to rats of selenium in tuna, beef kidney, and wheat. 1981 , 111, 2180-7	54

2033	Effect of dietary methionine on the biopotency of selenite and selenomethionine in the rat. 1981 , 111, 76-88	64
2032	Nutritional myopathy in ducklings: a growth rate-dependent symptom of "tissue peroxidosis" due to a net nutritional shortage of vitamin E plus selenium in skeletal muscle. 1981 , 25, 299-306	7
2031	Effect of dietary vitamin E and selenium on the phytohaemagglutinin response of pig lymphocytes. 1981 , 31, 301-305	64
2030	Variation of erythrocyte glutathione peroxidase activity in Finn sheep. 1981 , 31, 267-271	36
2029	Cardiomyopathy associated with selenium deficiency. 1981 , 305, 701	2
2028	Assessment of vitamin E status in animals and man. 1981 , 40, 187-94	14
2027	Canine distemper virus-associated cardiac necrosis in the dog. 1981 , 18, 472-86	17
2026	Evidence for selenocysteine in ovine tissue organelles. 1981 , 15, 339-47	42
2025	The Raman spectra of selenomethionine and selenocystine. 1981 , 14, 177-88	6
2024	Effects of cysteine and cystamine on the carbon tetrachloride induced decrease in arachidonic acid content of rat liver microsomal phospholipids. 1981 , 19, 77-82	5
2023	Glutathione peroxidase activity and selenium concentration in bovine blood and liver as indicators of dietary selenium intake. 1981 , 29, 3-6	36
2022	Modification of mammary carcinogenesis and tissue peroxidation by selenium deficiency and dietary fat. 1981 , 2, 136-42	29
2021	Stability of glutathione peroxidase in ovine blood samples under various storage conditions and the response of this enzyme to different methods of selenium supplementation. 1981 , 29, 77-80	14
2020	An occidental case of cardiomyopathy and selenium deficiency. 1981 , 304, 1210-2	282
2019	Influence of dietary selenium on performance, tissue selenium content, and plasma concentrations of selenium-dependent glutathione peroxidase, vitamin E, and ascorbic acid in ducklings. 1981 , 60, 2655-63	28
2018	Interactions of Selenium and Antioxidants with Mercury, Cadmium and Silver. 1981 , 1, 368-375	
2017	Selenium status of seven chronic intravenous hyperalimentation patients. 1982 , 6, 426-31	30
2016	Comparative effects of sodium selenite and selenomethionine upon nutritional muscular dystrophy, selenium-dependent glutathione peroxidase, and tissue selenium concentrations of turkey poults. 1982 , 61, 478-84	57

2015	Comparative studies on glutathione peroxidase from the liver of rainbow trout (<i>Salmo gairdnerii</i>). 1982 , 10, 451-451	3
2014	Selenium bioavailability with reference to human nutrition. 1982 , 35, 1076-88	75
2013	Selenium deficiency in kwashiorkor. 1982 , 1, 1312-3	6
2012	A selenocysteine-containing selenium-transport protein in rat plasma. 1982 , 719, 147-53	148
2011	Influence of a low-selenium diet on erythrocyte glutathione peroxidase and alkane production in exhaled air of rats as a measure of lipid peroxidation in vivo during growth. 1982 , 719, 329-33	4
2010	Cholestasis in alcoholic chronic pancreatitis: diagnostic value of transaminase ratio. 1982 , 1, 1312	2
2009	Dietary selenium, hepatic arylhydrocarbon hydroxylase and mutagenic activation of benzo(a)pyrene, 2-aminoanthracene and 2-aminofluorene. 1982 , 11, 281-7	14
2008	The kinetic mechanism of glutathione peroxidase from human platelets. 1982 , 27, 197-203	10
2007	Inhibition of the enzymes of glutathione metabolism by mercuric chloride in the rat kidney: reversal by selenium. 1982 , 31, 3093-100	77
2006	Properties of the selenium-containing moiety of nicotinic acid hydroxylase from <i>Clostridium barkeri</i> . 1982 , 219, 30-8	63
2005	Some characteristics of ⁷⁵ Se-P, a selenoprotein found in rat liver and plasma, and comparison of it with selenogluthathione peroxidase. 1982 , 213, 73-80	120
2004	Glutathione peroxidase from bovine lens: a selenoenzyme. 1982 , 34, 131-44	25
2003	Effects of antioxidant nutrient deficiency on the retina and retinal pigment epithelium of albino rats: a light and electron microscopic study. 1982 , 34, 339-69	104
2002	Selenium status of thoroughbreds in the United Kingdom. 1982 , 14, 139-43	14
2001	The role of antioxidants and diet in the prevention or treatment of oxygen-induced lung microvascular injury. 1982 , 384, 535-43	14
2000	Clinical consequences of low selenium intake and its relationship to vitamin E. 1982 , 393, 70-82	70
1999	Seminal selenium concentrations and spermatozoal abnormalities in beef bulls. 1982 , 18, 297-302	2
1998	Selenium Deficiency and Fatal Cardiomyopathy in a Patient on Home Parenteral Nutrition. 1982 , 83, 689-693	187

1997	Procedure for blood glutathione peroxidase determination in cattle and swine. 1982 , 23, 515-27	70
1996	Selenium intakes and status of human milk and formula fed infants. 1982 , 35, 521-6	125
1995	Se and Non-Se Glutathione Peroxidases: Enzymology and Cell Physiology. 1982 , 169-189	1
1994	INAA determination of selenium via ^{77}mSe in plasma, semen and hair samples from beef and dairy bulls. 1982 , 69, 473-494	8
1993	Single-void urine selenium level expressed in terms of creatinine content as an effective and convenient indicator of human selenium status. 1982 , 29, 37-42	21
1992	Protective effect of selenium on methylmercury toxicity: a possible mechanism. 1982 , 29, 285-9	33
1991	Amino acid sequence around the active-site selenocysteine of rat liver glutathione peroxidase. 1982 , 709, 304-9	27
1990	Time-dependent protective effect of selenium against cadmium-induced nephrotoxicity and hepatotoxicity. 1982 , 42, 345-51	33
1989	Kinetics of selenite uptake by mononuclear cells from peripheral human blood. 1982 , 4, 245-58	5
1988	Time course of sodium selenite-induced ultrastructural alterations in guinea pig hearts. 1982 , 36, 326-32	9
1987	Glutathione peroxidase deficiency in multiple sclerosis. 1982 , 65, 376-8	6
1986	Plasma glutathione peroxidase after selenium supplementation in patients with reduced selenium state. 1982 , 138, 138-40	25
1985	Tissue reactions to implanted dental amalgam, including assessment by energy dispersive x-ray micro-analysis. 1982 , 138, 251-72	54
1984	The selenium status of Belgian population groups : I. Healthy adults. 1983 , 5, 91-102	45
1983	The selenium status of Belgian population groups : II. Newborns, children, and the aged. 1983 , 5, 103-13	45
1982	Uptake of selenium-75 by PHA-stimulated lymphocytes : Effect on glutathione peroxidase. 1983 , 5, 17-24	8
1981	Interaction between dietary selenium and 2-acetylaminofluorene in the rat. 1983 , 5, 307-15	1
1980	Interactions between selenium and mercury in mice: marked retention in the lung after inhalation of metallic mercury. 1983 , 46, 283-98	6

1979	A Survey of selenium in the environment and a critical review of its determination at trace levels. 1983 , 316, 105-123	93
1978	Dietary antioxidants and the biochemical response to oxidant inhalation. II. Influence of dietary selenium on the biochemical effects of ozone exposure in mouse lung. 1983 , 71, 398-406	12
1977	Lipid peroxidation: a possible mechanism of cephaloridine-induced nephrotoxicity. 1983 , 67, 78-88	106
1976	Impaired metabolism of arachidonate in selenium deficient animals. 1983 , 39, 405-6	34
1975	Stabilization of the colchicine-binding activity of tubulin by glutathione and by dietary selenium-deficiency. 1983 , 15, 1287-9	4
1974	Macrophage, lymphocyte and chronic inflammatory responses in selenium deficient rodents. Association with decreased glutathione peroxidase activity. 1983 , 5, 455-61	52
1973	Identification of selenocysteine in glutathione peroxidase by mass spectroscopy. 1983 , 22, 5853-8	38
1972	Selenium status of industrial worker. 1983 , 3, 805-817	17
1971	Selenium and glutathione peroxidase activity in blood of the nutria (<i>Myocastor coypus</i>): Comparison with guinea-pig, rat, rabbit and some non-mammalian vertebrates. 1983 , 75, 563-566	2
1970	Dietary supplements and health aids A critical evaluation part 1 Vitamins and minerals. 1983 , 15, 47-53	15
1969	Selenium levels in blood and plasma, and glutathione peroxidase activity in blood of breast cancer patients during adjuvant treatment with cyclophosphamide, methotrexate and 5-fluorouracil. 1983 , 18, 283-9	23
1968	Selective collection of selenium(IV) on anion-exchange resin with azothiopyrine disulphonic acid. 1983 , 30, 455-8	7
1967	Production of free radicals and lipid peroxides in early experimental myocardial ischemia. 1983 , 15, 713-6	247
1966	Selenium and experimental allergic encephalomyelitis. The effects of different levels of dietary selenium on clinico-pathological findings. 1983 , 61, 369-79	4
1965	Selenium/vitamin E: role in disease prevention and weight gain of neonatal calves. 1983 , 66, 1101-7	24
1964	Hydroperoxy fatty acid formation in selenium deficient rat platelets: coupling of glutathione peroxidase to the lipoxygenase pathway. 1983 , 117, 183-9	53
1963	Occurrence of molybdenum in the nicotinic acid hydroxylase from <i>Clostridium barkeri</i> . 1983 , 221, 565-9	37
1962	Purification and characterization of selenium-glutathione peroxidase from hamster liver. 1983 , 226, 448-57	56

1961	Regulation of growth and differentiation of a rat hepatoma cell line by the synergistic interactions of hormones and collagenous substrata. 1983 , 97, 1179-90	72
1960	Selenium biochemistry chemical and physical studies. 1983 , 1-26	21
1959	Biochemistry of Selenium: A Brief Overview. 1983 , 3, 431-436	2
1958	Reversal of biochemical and functional abnormalities in erythrocytes secondary to selenium deficiency. 1983 , 7, 293-5	11
1957	Bioavailability of selenium to Finnish men as assessed by platelet glutathione peroxidase activity and other blood parameters. 1983 , 37, 887-97	214
1956	Bioavailability to rats of selenium in various tuna and wheat products. 1983 , 113, 196-204	55
1955	Platelet glutathione peroxidase activity as an index of selenium status in rats. 1983 , 113, 55-63	135
1954	Distribution of selenium and glutathione peroxidase in blood fractions from humans, rhesus and squirrel monkeys, rats and sheep. 1983 , 113, 2138-46	61
1953	Micronutrients ? State of the Art. 1983 , 1-24	2
1952	The role of selenium in Keshan disease. 1984 , 6, 203-31	110
1951	Effect of dietary fat on plasma glutathione peroxidase levels and intestinal absorption of ⁷⁵ Se-labeled sodium selenite in chicks. 1984 , 114, 829-34	16
1950	Protection against sucrose-induced retinal capillary damage in the Wistar rat. 1984 , 114, 1070-5	6
1949	The Lens: Development, Proteins, Metabolism and Cataract. 1984 , 207-492	139
1948	Selenium concentrations in plasma of patients with arteriographically defined coronary atherosclerosis.. 1984 , 30, 1171-1173	78
1947	Selenium Glutathione Peroxidase: Properties and Synthesis. 1984 , 87-97	69
1946	Effects of dietary protein level and level of feed intake on the apparent bioavailability of selenium for the chick. 1984 , 63, 294-303	11
1945	Selenium depletion in burn patients. 1984 , 8, 695-9	37
1944	Elevated serum selenium in diabetic children. 1984 , 73, 109-14	33

1943	Selenocysteine-containing proteins and glutathione peroxidase. 1984 , 107, 602-19		27
1942	Selenium deficiency in cattle associated with Heinz bodies and anemia. <i>Science</i> , 1984 , 223, 491-3	33.3	45
1941	Dietary antioxidants and the biochemical response to oxidant inhalation : III. Selenium influence on mouse lung response and tolerance to ozone. 1984 , 6, 249-61		6
1940	Effect of age, sex, and race on selenium status of healthy residents of Augusta, Georgia. 1984 , 6, 3-9		25
1939	The biochemistry of selenoproteins. 1984 , 61, 1891-1900		58
1938	Dietary lead: effects on hepatic fatty acid composition in chicks. 1984 , 73, 119-23		28
1937	Selenite-induced protection of bromobenzene hepatotoxicity in male rats. 1984 , 72, 102-10		4
1936	Selenium in carcinogenesis. 1984 , 738, 203-17		25
1935	Selenium and Chromium Content of European Beers as Determined by AAS. 1984 , 49, 300-301		6
1934	Red blood cell glutathione peroxidase activity in multiple sclerosis. 1984 , 62, 179-82		11
1933	Red cell glutathione peroxidase (GPX1) variation in Afro-Jamaican, Asiatic Indian, and Dutch populations. Is the GPX1*2 allele of "Thomas" variant an African marker?. 1984 , 66, 352-5		8
1932	Selenium in Soils and Plants and its Importance in Livestock and Human Nutrition. 1984 , 37, 397-460		168
1931	Selenium content and glutathione peroxidase activity in tissues of the dairy cow after short-term feeding. 1984 , 67, 2464-70		14
1930	Maternal transfer and retention of supplemental selenium in neonatal calves. 1984 , 67, 416-20		15
1929	Relationships among spermatozoal abnormalities and the selenium concentration of blood plasma, semen, and reproductive tissues in young bulls. 1984 , 7, 315-321		5
1928	Comparative biochemistry of the guinea-pig: a partial checklist. 1984 , 77, 253-78		2
1927	The nutritional biochemistry of selenium. 1984 , 4, 257-80		164
1926	Selenium in human urine: concentration levels and medical implications. 1984 , 136, 107-20		59

1925	Effects of long-term vitamin E deficiency and restoration on rat hepatic peroxisomes. 1984 , 794, 218-224	15
1924	A novel biologically active seleno-organic compound--I. Glutathione peroxidase-like activity in vitro and antioxidant capacity of PZ 51 (Ebselen). 1984 , 33, 3235-9	684
1923	A novel biologically active seleno-organic compound--III. Effects of PZ 51 (Ebselen) on glutathione peroxidase and secretory activities of mouse macrophages. 1984 , 33, 3247-50	127
1922	Arachidonic acid-dependent cooxidation. A potential pathway for the activation of chemical carcinogens in vivo. 1984 , 33, 3319-24	28
1921	Red cell metabolism: a comparative study of some mammalian species. 1984 , 79, 515-20	9
1920	Glutathione peroxidase and reductase, glucose-6-phosphate dehydrogenase and catalase activities in multiple sclerosis. 1984 , 63, 45-53	28
1919	Low serum selenium concentration in patients with cervical or endometrial cancer. 1984 , 22, 35-40	8
1918	Selenium suppresses the metabolism of benzo[a]pyrene by rat-liver extracts, and exerts a dual effect on its mutagenicity. 1984 , 14, 893-902	8
1917	Occurrence and characterization of selenocysteine in proteins. 1984 , 107, 576-81	16
1916	Identification of selenocysteine by high-performance liquid chromatography and mass spectrometry. 1984 , 107, 582-92	11
1915	Characterization of selenomethionine in proteins. 1984 , 107, 620-3	4
1914	Growth, reproduction rates and mammary gland selenium concentration and glutathione-peroxidase activity of BALB/c female mice fed two dietary levels of selenium. 1984 , 114, 323-31	13
1913	Effect of selenium deficiency on cuticle integrity in the Cladocera (Crustacea). 1984 , 81, 3433-7	44
1912	Determination of nutritional efficiency of selenium contained in processed skipjack meat by comparison with selenite. 1984 , 30, 395-400	11
1911	Diminished blood selenium levels in alcoholics. 1984 , 8, 535-8	37
1910	Protective effect of selenium against ionizing radiation-induced malformations in mice. 1985 , 24, 267-71	23
1909	Effects of dietary supplementation with selenomethionine on the teratogenic effect of ionizing radiation in mice. 1985 , 24, 459-63	17
1908	Effect of selenium supplementation on selenium balance in the dependent elderly. 1985 , 290, 228-33	7

1907	Daily intake of selenium by bottle-fed infants in Belgium. 1985 , 144, 45-8	21
1906	Effects of selenium and methylmercury upon glutathione and glutathione-S-transferase in mice. 1985 , 14, 197-202	16
1905	Selenium not for dumping. 1985 , 316, 673-673	2
1904	Low blood selenium levels in alcoholics with and without advanced liver disease. Correlations with clinical and nutritional status. 1985 , 30, 838-44	59
1903	Substitution of selenocysteine for cysteine in a reticulocyte lysate protein synthesis system. 1985 , 7, 141-51	8
1902	Erythrocyte and liver characteristics in low and high glutathione Finn sheep. 1985 , 17, 23-32	3
1901	Effects of cadmium on glutathione peroxidase, superoxide dismutase, and lipid peroxidation in the rat heart: a possible mechanism of cadmium cardiotoxicity. 1985 , 80, 33-42	201
1900	Selenium in the anterior pituitary of rats exposed to sodium selenite: light and electron microscopic localization. 1985 , 81, 67-74	30
1899	Peroxidase activity in the epithelium of the digestive tract of the bullfrog, <i>Rana catesbeiana</i> . 1985 , 233, 209-19	7
1898	Decreased serum selenium in alcoholics as related to liver structure and function. 1985 , 42, 147-51	67
1897	Drug-induced changes in selenium-dependent glutathione peroxidase activity in the chick. 1985 , 115, 1459-70	20
1896	In vivo intestinal absorption of selenate and selenite by rats. 1985 , 115, 454-9	48
1895	Hydroperoxides and Thiol Oxidants in the Study of Oxidative Stress in Intact Cells and Organs. 1985 , 73-90	49
1894	The Role of Dietary Components in Oxidative Stress in Tissues. 1985 , 197-218	20
1893	Red Blood Cell Metabolism in Experimental Animals. 1985 , 34, 353-366	8
1892	Concentration of selenium in plasma and erythrocytes during total parenteral nutrition in Crohn's disease. 1985 , 26, 50-4	20
1891	Cobalt, Iodine, and Selenium. 1985 , 259-290	2
1890	Metabolic interactions of selenium with cadmium, mercury, and silver. 1985 , 7, 221-50	22

1889	Specific Occurrence of Selenium in Certain Enzymes and Amino Acid Transfer Ribonucleic Acids. 1985 , 24, 199-216	12
1888	Soci�t�Belge De Biochimie Belgische Vereniging Voor Biochemie. 1985 , 93, B1-B66	
1887	Metabolism of orally administered ⁷⁵ Se-Selenite by the pig. 1985 , 5, 545-553	7
1886	Dietary selenium and aniline-induced methemoglobinemia in rats. 1985 , 25, 205-10	5
1885	Glutathione peroxidase. 1985 , 113, 490-5	206
1884	Effect of vitamin E, selenium and age on lipid peroxidation events in rat cerebrum. 1985 , 5, 1227-1236	17
1883	Se-dependent GSH-peroxidase isolated from black sea bass (<i>Centropristis striata</i>). 1985 , 82, 297-300	1
1882	Trace elements in human milk, selenium a case study. 1985 , 42, 91-108	19
1881	Selenium deficiency. 1985 , 14, 629-56	72
1880	Effect of various amounts of selenium on the metabolism of mercuric chloride in mice. 1985 , 34, 2713-20	11
1879	Projected uptake and toxicity of selenium compounds from the environment. 1985 , 36, 181-92	8
1878	Nutritional status of the elderly. 1986 , 81, 679-95	154
1877	Effect of sodium selenite on guinea-pig cardiac isolated mitochondria. 1986 , 35, 405-8	
1876	Biologically active intermediates generated by the reduced glutathione conjugation pathway. Toxicological implications. 1986 , 35, 2987-94	42
1875	Selenium compounds in the fathead minnow (<i>Pimephales promelas</i>)--I. Uptake, distribution, and elimination of orally administered selenate, selenite and l-selenomethionine. 1986 , 83, 61-9	21
1874	Altered arachidonic acid metabolism in platelets and aortas from selenium-deficient rats. 1986 , 6, 75-83	34
1873	The potential use of vitamin E and selenium in parkinsonism. 1986 , 20, 87-94	26
1872	Geochemical characteristics of land and its effect on human heart and cancer death rates in the United States and China. 1986 , 1, 175-180	13

1871	Serum and urinary selenium levels in thermal injury. 1986 , 12, 236-40	23
1870	Selenium. 1986 , 209-279	75
1869	BIOCHEMICAL FUNCTIONS OF SELENIUM. 1986 , 205-263	11
1868	THE BIOLOGICAL AVAILABILITY OF SELENIUM IN FOODS AND FEEDS. 1986 , 127-177	29
1867	SELENIUM DEFICIENCY DISEASES OF ANIMALS. 1986 , 265-326	3
1866	Trace elements in nutrition of the elderly. 2. SADDIs for copper, manganese, selenium, chromium, molybdenum, and fluoride. 1986 , 79, 251-4, 256-8, 263	3
1865	Fractional determination of dissolved selenium compounds of trimethylselenonium ion, selenium(IV) and selenium(VI) in environmental water samples.. 1986 , 2, 365-369	25
1864	Chemoprevention of mammary carcinogenesis: a comparative review of the efficacy of a polyamine antimetabolite, retinoids, and selenium. 1986 , 77, 595-8	18
1863	Biochemistry of Oxidative Stress. 1986 , 25, 1058-1071	881
1862	Biochemie des oxidativen Stress. 1986 , 98, 1061-1075	108
1861	Selenium uptake and transfer in an aquatic food chain and its effects on fathead minnow larvae. 1986 , 15, 513-517	48
1860	Quantitative alterations in the metabolism of carbonyl compounds due to diet-induced lipid peroxidation in rats. 1986 , 382, 47-56	4
1859	Regional distributions of thiobarbituric acid-reactive products, activities of enzymes regulating the metabolism of oxygen free radicals, and some of the related enzymes in adult and aged rat brains. 1986 , 46, 1344-52	148
1858	Einfluß einer parenteralen Vitamin E/Selen-Applikation auf den Vitamin E/Selen-Status der Ziege und des Ziegenlammes ^{1,2} . 1986 , 56, 41-51	1
1857	Effect of dietary selenium on the prevention of exudative diathesis in chicks, with special reference to selenium transfer via eggs. 1986 , 33, 689-97	9
1856	Review of PIXE studies of metal involvement in Reye's Syndrome. 1986 , 14, 221-225	2
1855	Influence of selenium and zinc on performance, blood constituents, and immune response in stressed calves. 1986 , 9, 139-149	5
1854	Transport of selenate and selenite across the brush border membrane of rat and sheep small intestine. 1986 , 9, 281-290	21

1853	Light and electron microscopical visualization of selenium in adrenal glands from rats exposed to sodium selenite. 1986 , 45, 59-67	9
1852	Selenium-mediated biochemical changes in Japanese quail : I. Formulation of semipurified low-selenium diet and effect on glutathione peroxidase. 1986 , 10, 79-89	6
1851	Glutathione peroxidase activity, selenium, and lipid peroxide concentrations in blood from a healthy Polish population : I. Maternal and cord blood. 1986 , 10, 175-87	23
1850	Serum selenium concentrations in ovarian cancer patients using a simplified fluorimetric procedure. 1986 , 10, 215-22	10
1849	Uptake of selenate and selenite by isolated intestinal brush border membrane vesicles from pig, sheep, and rat. 1986 , 10, 293-306	28
1848	Selenium-mediated biochemical changes in Japanese quails : II. Preliminary studies on glutathione peroxidase activity and collagen characteristics in the skin. 1986 , 10, 317-25	2
1847	Characterisation of an antiserum and development of an ELISA for glutathione peroxidase. 1986 , 10, 269-81	3
1846	Inhibitory effects of ebselen on lipid peroxidation in rat liver microsomes. 1986 , 2, 179-85	40
1845	Effect of Dietary Selenite on Hepatic Organic Solvent-Soluble Lipofuscin Pigments. 1986 , 5, 79-85	9
1844	Selenium concentrations in the blood and urine of a healthy Polish sub-population. 1987 , 25, 409-12	21
1843	Antioxidant activity in cells and organs. 1987 , 136, 478-80	41
1842	Lipid peroxidation and mechanisms of toxicity. 1987 , 18, 27-79	254
1841	Impact of Biotechnology on Metal Extractions. 1987 , 2, 289-330	20
1840	The effect of selenium supplementation on selenium status of patients receiving chronic total parenteral nutrition. 1987 , 11, 177-82	26
1839	Dysbaric osteonecrosis (caisson disease of bone): are active oxygen species and the endocrine system responsible, and can control of the production of free radicals and their reaction products confer protection?. 1987 , 4, 139-47	5
1838	The Tromsø Heart Study: serum selenium and risk of myocardial infarction a nested case-control study. 1987 , 41, 329-32	25
1837	The effect of substrate methylation and of detergent on the reaction of pig liver glutathione S-transferase with linoleate hydroperoxides. 1987 , 15, 224-225	1
1836	Temporal development of antioxidants in the newborn rat. 1987 , 15, 225-226	5

1835	Effect of vitamin E- and selenium-deficiency on rat liver chemiluminescence. 1987 , 242, 383-6	40
1834	Invited Review: Trace Elements in Nutrition. 1987 , 2, 230-240	3
1833	Development of functional resins by modification of ion-exchange resins and their application to analytical chemistry. 1987 , 59, 573-578	12
1832	Diminished blood selenium levels in renal failure patients on dialysis: correlations with nutritional status. 1987 , 293, 6-12	84
1831	The effect of progressive selenium deficiency on anti-glutathione peroxidase antibody reactive protein in rat liver. 1987 , 117, 732-8	64
1830	Selenium content and distribution of human, cow and goat milk. 1987 , 117, 1091-7	74
1829	Variations among cultured cells in glutathione peroxidase activity in response to selenite supplementation. 1987 , 929, 148-53	28
1828	Macrocytosis and pseudoalbuminism: manifestations of selenium deficiency. 1987 , 111, 711-7	96
1827	Seleno-organic compounds and the therapy of hydroperoxide-linked pathological conditions. 1987 , 36, 3095-102	162
1826	The distribution of selenium in the tissues of lambs following intramuscular administration of different levels of sodium selenite. 1987 , 143, 51-8	7
1825	Blood and liver selenium concentrations in patients with liver diseases. 1987 , 166, 171-6	14
1824	Purification and characterization of human plasma glutathione peroxidase: a selenoglycoprotein distinct from the known cellular enzyme. 1987 , 256, 677-86	356
1823	Selenium and immune responses. 1987 , 42, 277-303	163
1822	Effects of dietary selenium on lipid peroxidation, mitochondrial function and protein profiles in the heart of the myopathic Syrian golden hamster (BIO 14.6). 1987 , 144, 815-20	9
1821	Deficiency of selenium intake enhances manifestation of renal toxicity of cis-diamminedichloroplatinum in mice. 1987 , 38, 155-60	7
1820	Low selenium plasma levels in surgical and intensive care patients: Relation to infection. 1987 , 6, 279-283	7
1819	Influence of dietary vitamin E on nutritional pancreatic atrophy in selenium-deficient chicks. 1987 , 117, 460-7	22
1818	Effects of various dietary selenium intakes on the levels of blood glutathione-peroxidase and selenium in long-term fed rats. 1987 , 31, 304-11	5

1817	Dietary ascorbic acid and selenium relationships in the guinea pig. 1987 , 31, 9-17	4
1816	The two faces of selenium. 1987 , 117, 2002-8	78
1815	Methods of Trace Element Research. 1987 , 21-56	8
1814	An electrophoretic analysis of sheep plasma protein labeled with Na ² 75SeO ₃ in vivo. 1987 , 30, 1-13	7
1813	Serum selenium and vitamin E concentrations in families of lung cancer patients. 1987 , 60, 1159-62	33
1812	Plasma selenium levels in patients with advanced upper gastrointestinal cancer. 1987 , 60, 2251-60	19
1811	The role of selenium peroxidases in the protection against oxidative damage of membranes. 1987 , 44, 255-76	309
1810	Selenium contents of rice grown at various sites in Japan. 1987 , 1, 71-75	20
1809	Induction of selenium-glutathione peroxidase by stimulation of metabolic hydrogen peroxide production in vivo. 1987 , 18, 247-256	10
1808	Vitamin E and selenium concentrations in milk and milkfractions. 1987 , 184, 385-7	15
1807	A study of selenate efflux from human placental microvillus membrane vesicles. 1987 , 7, 675-80	6
1806	Effects of selenium, vitamin E and vitamin C on human prostacyclin and thromboxane synthesis in vitro. 1987 , 26, 265-80	43
1805	Lead effects in the chick during selenium deficiency. 1987 , 88, 23-5	1
1804	Selenium-mediated biochemical changes in Japanese quails : Tissue uptake and distribution of injected(75)selenium labeled sodium selenite in relation to dietary selenium status. 1987 , 14, 87-99	4
1803	Bioavailability to chicks of selenium in wheat and fish meal. 1987 , 34, 353-63	9
1802	Catecholamine-induced free radicals in myocardial cell necrosis on experimental stress in pigs. 1987 , 131, 447-52	32
1801	Selenium deficiency in search of a disease. 1988 , 8, 421-3	12
1800	Serum selenium in acute infections. 1988 , 16, 222-4	27

1799	75Selenium-labeled sheep plasma: the time course of changes in 75selenium distribution. 1988 , 34, 1-9	5
1798	Accumulation, distribution and toxicity of selenium in the adult house fly, <i>Musca domestica</i> . 1988 , 91, 559-563	5
1797	Nutritional deficiency, starvation, and tissue antioxidant status. 1988 , 5, 165-76	52
1796	Characteristics of human milk glutathione peroxidase. 1988 , 18, 59-70	22
1795	Selenium in total parenteral nutrition. 1988 , 15, 147-55	12
1794	Uptake of selenium and mutagens by vegetables grown in fly ash containing greenhouse media. 1988 , 36, 328-333	16
1793	Identification of selenomethionine in soybean protein. 1988 , 36, 463-467	58
1792	Antioxidant enzyme systems in rat liver and skeletal muscle. Influences of selenium deficiency, chronic training, and acute exercise. 1988 , 263, 150-60	213
1791	Thiol exchange reactions involving selenotrisulfides. 1988 , 150, 1149-54	14
1790	Failure of glutathione in suppressing tert-butyl hydroperoxide-induced hemolysis in vitro of selenium-deficient rat erythrocytes. 1988 , 8, 767-775	5
1789	Selenium in foods. 1988 , 32, 85-113	23
1788	Longitudinal study on the selenium status of healthy adults in Finland during 1975-1984. 1988 , 8, 467-476	33
1787	Role of selenium-dependent glutathione peroxidase in antioxidant defenses in rat alveolar macrophages. 1988 , 14 Suppl, 921-36	20
1786	Effect of selenium status on mRNA levels for glutathione peroxidase in rat liver. 1988 , 153, 855-61	118
1785	The selenium status of children with phenylketonuria: results of selenium supplementation. 1988 , 24, 128-31	2
1784	Placental handling of trace elements. 1988 , 9, 333-43	17
1783	Evidence for specific selenium target tissues and new biologically important selenoproteins. 1988 , 966, 12-21	346
1782	The effects of cholesterol supplementation on plasma lipoprotein-cholesterol levels in rats fed diets deficient in vitamin e and/or selenium. 1988 , 8, 1061-1071	9

1781	Growth hormone restores normal growth in selenium-treated rats without increase in circulating somatomedin C. 1988 , 117, 65-72	20
1780	The selenium-deficient rat heart with special reference to tolerance against enzymatically generated oxygen radicals. 1988 , 48, 289-95	16
1779	Specific Selenium-Containing Macromolecules in the Marine Diatom <i>Thalassiosira pseudonana</i> . 1988 , 86, 192-9	67
1778	Free radical mechanisms in the central nervous system: an overview. 1988 , 40, 13-8	54
1777	Serine and methionine enhancement of selenite inhibition of DNA synthesis in a mouse mammary epithelial cell line. 1988 , 9, 1811-5	10
1776	Selenophilia. 1988 , 47, 55-62	15
1775	Assessment of vitamin E, selenium and polyunsaturated fatty acid interactions in the aetiology of disease in the bovine. 1988 , 47, 177-84	14
1774	tert-butyl hydroperoxide-induced hemolysis of alpha-tocopherol-decreased erythrocytes from selenium-deficient and selenium-adequate rats. 1988 , 34, 481-90	12
1773	Selenium and cancer. 1988 , 297, 573-4	32
1772	Serum selenium is related to low-density lipoproteins in healthy children but not in children with diabetes. 1988 , 93, 57-62	11
1771	Effect of dietary methionine on utilization of tissue selenium from dietary selenomethionine for glutathione peroxidase in the rat. 1988 , 118, 367-74	68
1770	PHOSPHOLIPID HYDROPEROXIDE GLUTATHIONE PEROXIDASE. 1988 , 38, 41-48	4
1769	Effect of selenium repletion on glutathione peroxidase protein level in rat liver. 1988 , 118, 853-8	26
1768	Selenium increases hydrogenase expression in autotrophically cultured <i>Bradyrhizobium japonicum</i> and is a constituent of the purified enzyme. 1988 , 170, 5594-600	17
1767	Recent Developments in Trace Element Metabolism and Function. 1989 , 119, 1050-1050	0
1766	Intake, requirements and metabolism of nutrients in infants. 1989 , 58, 61-102	
1765	The Evidence for Selenium Essentiality in Man. 1989 , 262-272	
1764	Experimental selenium toxicity in guinea pigs: biochemical studies. 1989 , 33, 57-63	5

1763	Selenium content and glutathione peroxidase activity of milk from vegetarian and nonvegetarian women. 1989 , 119, 215-20	32
1762	Supplementation with selenium, vitamin E and their combination in gynaecological cancer during cytotoxic chemotherapy. 1989 , 10, 273-8	16
1761	Vitamins E and A. 1989 , 363-406	7
1760	Hepatic glutathione metabolism and lipid peroxidation in response to excess dietary selenomethionine and selenite in mallard ducklings. 1989 , 27, 263-71	35
1759	Oxidants, antioxidants and cardiovascular disease. 1989 , 2, 51-62	99
1758	Effects of fish oil, corn oil and lard diets on lipid peroxidation status and glutathione peroxidase activities in rat heart. 1989 , 24, 179-86	68
1757	The role of antioxidant nutrients in preventing hyperbaric oxygen damage to the retina. 1989 , 6, 505-12	16
1756	Increased sarcolemmal membrane permeability of cardiac muscle cells in rats fed grains cultivated in a Keshan disease endemic area: a study with horseradish peroxidase as a tracer. 1989 , 50, 316-26	1
1755	Chemoprevention trial of human hepatitis with selenium supplementation in China. 1989 , 20, 15-22	27
1754	Selenium in animal nutrition: the Oregon and San Joaquin Valley (California) experiences--examples of correctable deficiencies in livestock. 1989 , 20, 23-9	8
1753	Class-specific effects of selenium on PWM-driven human antibody synthesis in vitro. 1989 , 20, 45-58	10
1752	Stimulation of mucosal uptake of selenium from selenite by L-cysteine in sheep small intestine. 1989 , 20, 75-85	16
1751	Ascorbate interacts with sodium selenite to increase glutathione peroxidase activity in selenium-deficient chick duodena cultured in vitro. 1989 , 20, 87-94	4
1750	Role of glutathione in selenite binding by human plasma. 1989 , 20, 95-104	8
1749	Selenium status in Turkey. I. Serum selenium levels in infants and children in Ankara. 1989 , 20, 161-7	15
1748	Anthropological survey on red cell glutathione peroxidase (GPX1) polymorphism in central western Africa: a tentative hypothesis on the interaction between GPX1*2 and Hb beta *S allelic products. 1989 , 79, 217-24	6
1747	Effect of Santoquin on humoral immune function in mice: lack of interference with selenium utilization. 1989 , 67 (Pt 1), 83-4	1
1746	Calcium regulation in muscle diseases; the influence of innervation and activity. 1989 , 991, 155-242	22

1745	Rat plasma selenoprotein P properties and purification. 1989 , 993, 27-35	20
1744	Effects of inadequate vitamin E and/or selenium nutrition on the release of arachidonic acid metabolites in rat alveolar macrophages. 1989 , 38, 79-89	21
1743	Digestibility and bioavailability of dietary selenium from fishmeal, selenite, selenomethionine and selenocystine in Atlantic salmon (<i>Salmo salar</i>). 1989 , 81, 61-68	80
1742	Selenium modulates peroxidation in the absence of glutathione peroxidase in <i>Musca domestica</i> . 1989 , 165, 158-63	16
1741	Selenium: clinical significance and analytical concepts. 1989 , 27, 483-541	116
1740	Glutathione peroxidase activity and selenium levels in Rocky Mountain bighorn sheep and mountain goats. 1989 , 67, 2493-2496	6
1739	Semen selenium content and sperm mitochondrial volume in human and some animal species. 1989 , 4, 304-8	24
1738	Risk and Benefits in the Provision of Selenium for Beef Cattle ¹ . 1989 , 5, 12-17	
1737	Reduced selenium status of patients with asthma. 1989 , 77, 495-500	80
1736	Recent developments in trace element metabolism and function: newer roles of selenium in nutrition. 1989 , 119, 1051-4	50
1735	Advances in understanding selenium's role in the immune system. 1990 , 587, 123-39	150
1734	Influence of Dietary Sodium Selenite and Barley Selenium on the Performance of Laying Hens and Their Subsequent Progeny. 1990 , 40, 267-278	10
1733	Effects of variation in glutathione peroxidase activity on DNA damage and cell survival in human cells exposed to hydrogen peroxide and t-butyl hydroperoxide. 1990 , 271, 17-23	71
1732	Effects of selenomethionine on cell growth and on S-adenosylmethionine metabolism in cultured malignant cells. 1990 , 267, 767-74	22
1731	Utilization of dietary sodium selenite, barley, oats and meat meal selenium by the chick. 1990 , 37, 270-7	4
1730	Determination of selenium in blood components by X-ray emission spectrometry. Procedures, concentration levels, and health implications. 1990 , 25, 149-85	13
1729	Combination of neutron activation analysis, tracer techniques, and biochemical methods in the investigation of selenium metabolism. 1990 , 26-27, 439-47	12
1728	Determination of selenium in duplicate diets of residents of Pinhel, Portugal, by neutron activation. 1990 , 26-27, 629-35	17

1727	Selenium deficiency in Crustacea. 1990 , 154, 25-33	70
1726	The stability of glutathione peroxidase activity in plasma from cattle, pigs and sheep on storage in the presence and absence of glutathione. 1990 , 14, 441-6	7
1725	Relationship between selenium, immunity and resistance against infection. 1990 , 96, 271-80	19
1724	Oxidative muscular injury and its relevance to hyperthyroidism. 1990 , 8, 293-303	105
1723	Effects of selenium and vitamin E on muscular strength and blood parameters in Steinert disease. 1990 , 11, 37-42	1
1722	Investigation of the form of selenium in the hydrogenase from chemolithotrophically cultured <i>Bradyrhizobium japonicum</i> . 1990 , 154, 215-220	5
1721	Automated continuous-flow colorimetric determination of glutathione peroxidase with dichloroindophenol. 1990 , 186, 46-52	21
1720	Modulation of selenium-dependent glutathione peroxidase by perfluorodecanoic acid in rats: effect of dietary selenium. 1990 , 120, 298-304	9
1719	Sensitivity of erythrocytes to oxidant stress in uremia. 1990 , 10, 61-8	10
1718	Reduced selenium in asthmatic subjects in New Zealand. 1990 , 45, 95-9	96
1717	Molecular biology of selenoproteins. 1990 , 10, 451-74	182
1716	Neuromuscular actions of sodium selenite on chick biventer cervicis nerve-muscle preparation. 1990 , 29, 493-501	16
1715	Trace nutrient deficiency in <i>Daphnia magna</i> cultured in standard medium for toxicity testing. Effects of the optimization of culture conditions on life history parameters of <i>D. magna</i> . 1990 , 24, 1157-1167	271
1714	Levels of selenium and antioxidative enzymes following occupational exposure to inorganic mercury. 1990 , 99, 37-47	21
1713	Studies on the interaction of a thiol-dependent hydrogen peroxide scavenging enzyme and phenylalanine hydroxylase. 1990 , 282, 346-51	5
1712	Identification of type I iodothyronine 5'-deiodinase as a selenoenzyme. 1990 , 173, 1143-9	317
1711	Protection against free radical injury by selenoenzymes. 1990 , 45, 383-5	38
1710	Selenium status of preterm infants fed human milk, preterm formula, or selenium-supplemented preterm formula. 1991 , 119, 429-33	34

- 1709 Assessment of cardiac function by M-mode echocardiography in selenium-deficient phenylketonuric children. **1991**, 27, 47-50 2
- 1708 Cloning of murine SeGpx cDNA and synthesis of mutated GPx proteins in Escherichia coli. **1991**, 98, 193-200 16
- 1707 Oxidative stress: from basic research to clinical application. **1991**, 91, 31S-38S 775
- 1706 Increased susceptibility to peroxide-induced haemolysis with normal vitamin E concentrations in cystic fibrosis. **1991**, 204, 279-90 21
- 1705 Biochemical and pharmacological characterization of MCF-7 drug-sensitive and AdrR multidrug-resistant human breast tumor xenografts in athymic nude mice. **1991**, 42, 391-402 32
- 1704 Selenium status in healthy Italian adults. **1991**, 4, 219-222 2
- 1703 Selenium status and immune function in asymptomatic HIV-1 seropositive men. **1991**, 11, 1237-1250 20
- 1702 Vitamin E and Selenium in Swine Nutrition. **1991**, 193-214 5
- 1701 Effects of dietary selenium and fish oil (MaxEPA) on arachidonic acid metabolism and hemostatic function in rats. **1991**, 121, 284-92 26
- 1700 Toxic effects of trace element excess. **1991**, 7, 277-306 13
- 1699 Selenium and the immune response. **1991**, 50, 275-85 76
- 1698 The role of selenium in the secretion of very-low-density lipoprotein in the isolated perfused rat liver. **1991**, 279 (Pt 3), 741-5 17
- 1697 Determination of selenium by flow injection analysis based on the selenium(IV)-catalyzed reduction of 3-(4,5-dimethyl-2-thiazolyl)-2,5-diphenyl-2H tetrazolium bromide.. **1991**, 7, 103-107 6
- 1696 Synthesis and characterization of double-cubane complexes containing MFe₃Se₄ cores (M=Mo, W). **1991**, 189, 81-96 24
- 1695 In vitro OKT3-induced mitogenesis in selenium-deficient patients on a diet for phenylketonuria. **1991**, 30, 233-44 6
- 1694 Glutathione and some related enzymes in erythrocytes of patients with liver diseases. **1991**, 6, 109-112
- 1693 Effects of selenium deficiency on sperm morphology and spermatocyte chromosomes in mice. **1991**, 262, 93-9 67
- 1692 Vitamin E and oxidative stress. **1991**, 11, 215-32 524

1691	Selenium, glutathione peroxidase and asthma. 1991 , 21, 157-9	27
1690	Estimates of heritability for selenium and glutathione peroxidase levels in pigs. 1991 , 108, 48-53	7
1689	Zur endogene Lipidperoxidation bei diätetischer Belastung des Masthuhns. 1991 , 93, 457-462	0
1688	Methionine feeding prevents kidney stone deposition by restoration of free radical mediated changes in experimental rat urolithiasis. 1991 , 2, 644-651	23
1687	Lipid peroxidation in liver of vitamin B-6 deficient rats. 1991 , 2, 245-250	20
1686	Physiological and nutritional importance of selenium. 1991 , 47, 187-93	114
1685	Stabilisation of condensed selenium heterocycles by a nitro group in the ortho-position to the chalcogen.. 1991 , 47, 9053-9060	19
1684	Trends and annual fluctuations in selenium concentrations in wheat grain. 1991 , 138, 67-73	14
1683	Selenium uptake by plants as a function of soil type, organic matter content and pH. 1991 , 133, 57-64	109
1682	Subchronic hepatotoxicity of selenomethionine ingestion in mallard ducks. 1991 , 32, 449-64	43
1681	Is diet important in rheumatoid arthritis?. 1991 , 30, 125-34	14
1680	Insulinlike effects of sodium selenate in streptozocin-induced diabetic rats. 1991 , 40, 1675-8	100
1679	Trace metals in liver disease. 1991 , 11, 321-39	64
1678	The role of selenium nutrition in the development of neonatal rat lung. 1991 , 29, 440-5	19
1677	Serum selenium concentrations in rheumatoid arthritis. 1991 , 50, 376-8	29
1676	The factors affecting plasma glutathione peroxidase and selenium in rheumatoid arthritis: a multiple linear regression analysis. 1991 , 20, 385-91	11
1675	Rhabdomyolysis after intramuscular iron-dextran in malabsorption. 1991 , 50, 184-6	7
1674	The Effect of Selenium Supplementation on the NMR Proton Relaxation Time T1 in Plasma. 1992 , 25, 1405-1410	1

1673	Preliminary Study on the Changes of IgA/VcA Titers in Low Blood Selenium Persons ¹ Sera by Oral use of Selenium-Enriched Yeast. 1992 , 67, 435-438	0
1672	The correlation between serum selenium and blood selenium in cattle. 1992 , 4, 48-52	27
1671	Selenium in Human Gallstones. 1992 , 27, 947-952	
1670	Effect of cadmium and/or selenium on liver mitochondria and rough endoplasmic reticulum in the rat. 1992 , 62, 73-83	18
1669	Selenium and glutathione peroxidase variations induced by polyunsaturated fatty acids oral supplementation in humans. 1992 , 205, 75-85	29
1668	Serum selenium concentration and risk of ischaemic heart disease in a prospective cohort study of 3000 males. 1992 , 96, 33-42	168
1667	Sudden infant death syndrome: the vitamin E/selenium iron hypothesis (dietary anti/pro-oxidant imbalance). 1992 , 39, 286-90	3
1666	Modification to dietary intake of sodium, potassium, calcium, magnesium and trace elements can influence arachidonic acid metabolism and eicosanoid production. 1992 , 45, 1-19	7
1665	Selenium in chronic liver disease. 1992 , 14, 176-82	78
1664	The role of lipid peroxidation in McArdle's disease: applications for treatment of other myopathies. 1992 , 39, 147-51	10
1663	Age-related changes in arachidonic acid peroxidation and glutathione-peroxidase activity in human platelets. 1992 , 43, 75-85	47
1662	Production and characterization of two monoclonal antibodies to human glutathione peroxidase. 1992 , 11, 795-801	9
1661	Platelet glutathione peroxidase activity in long-term total parenteral nutrition with and without selenium supplementation. 1992 , 16, 54-8	25
1660	Chemical form of selenium in soybean (<i>Glycine max</i> L.) lectin. 1992 , 40, 2084-2091	40
1659	Glutathione oxidase activity of selenocystamine: a mechanistic study. 1992 , 296, 328-36	111
1658	Enhancement of epidermal growth factor (EGF) and insulin-stimulated tyrosine phosphorylation of endogenous substrates by sodium selenate. 1992 , 308, 38-42	26
1657	Selenium Concentration and Glutathione Peroxidase Activity in Plasma and Erythrocytes from Human Blood.. 1992 , 12, 41-50	6
1656	Red Blood Cell Susceptibility to Lipid Peroxidation, Membrane Lipid Composition, and Antioxidant Enzymes in Continuous Ambulatory Peritoneal Dialysis Patients. 1992 , 12, 205-210	22

1655	Effect of coadministration of selenite on the toxicity and antitumor activity of cis-diamminedichloroplatinum (II) given repeatedly to mice. 1992 , 30, 439-43	23
1654	Applications of chemically defined diets to the solution of nutrition problems. 1992 , 2, 1-12	9
1653	038 Identification of 20 kDa-selenoproteins in the testis and other tissues of the rat. 1992 , 343, 92-92	2
1652	Selenium content of goat milk and its distribution in protein fractions. 1992 , 195, 3-7	14
1651	Comparison of molecular properties of rat plasma and erythrocyte selenium-dependent glutathione peroxidase. 1992 , 34, 11-8	3
1650	A contribution to the world selenium map. 1992 , 33, 43-9	14
1649	Modulation of the platelet thromboxane A2 and aortic prostacyclin synthesis by dietary selenium and vitamin E. 1992 , 33, 79-86	29
1648	Serum selenium level in patients with colorectal cancer. 1992 , 33, 87-94	13
1647	Serum selenium and glutathione-peroxidase activities and their interaction with toxic metals in dialysis and renal transplantation patients. 1992 , 33, 95-102	27
1646	Selenium and rubidium changes in subjects with pathologically altered thyroid. 1992 , 32, 253-8	12
1645	Selenium content of livers from sex-linked dwarf and normal broiler breeders. Influence of a thyrotropin-releasing hormone-induced growth hormone release. 1992 , 32, 289-92	
1644	Brown fat thermogenesis and exercise: two examples of physiological oxidative stress?. 1992 , 13, 325-40	57
1643	Comparison of selenium level and glutathione peroxidase activity in tissues of vitamin B6-deficient rats fed sodium selenite or DL-selenomethionine. 1992 , 3, 633-639	5
1642	[Hematological parameters, selenium concentration and glutathione peroxidase activities in serum and the liver of rats at different selenium and vitamin E levels]. 1992 , 31, 70-81	1
1641	Purification and properties of a recombinant sulfur analog of murine selenium-glutathione peroxidase. 1992 , 205, 955-60	132
1640	Speciation of selenoamino acids by on-line HPLC ETAA spectrometry. 1993 , 7, 593-598	27
1639	Studies on 16 kDa selenium-containing proteins enriched by means of preparative electrophoresis. 1993 , 14, 108-11	7
1638	Effect of selenium (Se) on plasma ACTH, beta-endorphin, corticosterone and glucose in rat: influence of adrenal enucleation and metyrapone pretreatment. 1993 , 79, 1-9	17

1637	Effect of oral methionine on tissue lipid peroxidation and antioxidants in alloxan-induced diabetic rats. 1993 , 4, 212-217	57
1636	Selenium bioavailability of soy-based diets in rats. 1993 , 4, 523-527	3
1635	Reference values for serum zinc and selenium of French healthy children. 1993 , 9, 155-61	26
1634	Effect of various dietary selenium (Se) intakes on tissue Se levels and glutathione peroxidase activities in lambs. 1993 , 40, 310-8	19
1633	Ebselen, a selenoorganic compound as glutathione peroxidase mimic. 1993 , 14, 313-23	353
1632	Effect of dietary Se intake on blood Se levels and glutathione peroxidase activities in lambs. 1993 , 9, 331-340	5
1631	A comparison of the effects of dietary selenium on selenoprotein expression in rat brain and liver. 1993 , 1163, 176-84	30
1630	Antioxidant systems and erythrocyte life-span in mammals. 1993 , 106, 477-87	116
1629	Species difference in hydroperoxide-scavenging enzymes with special reference to glutathione peroxidase in guinea-pigs. 1993 , 104, 27-31	12
1628	[Determination of minerals and trace elements in selenium tea from the Enschi district, People's Republic of China, and in its infusions using inductively coupled plasma-atomic emission spectrometry, graphite furnace atomic absorption spectrometry and instrumental neutron activation analysis]. 1993 , 197, 444-8	5
1627	Levels of selenium in plasma and glutathione peroxidase in erythrocytes and the risk of breast cancer. A case-control study. 1993 , 36, 99-108	26
1626	Effects of selenium deficiency on Ca transport function of sarcoplasmic reticulum and lipid peroxidation in rat myocardium. 1993 , 36, 159-66	10
1625	The selenium content of selected meats, seafoods, and vegetables from Lubbock, Texas. 1993 , 39, 161-9	20
1624	Selenium status of healthy immigrant Parisian preschool children. 1993 , 36, 25-33	9
1623	Effects of aurothioglucose and dietary Se on glutathione S-transferase activities and glutathione concentrations in chick tissues. 1993 , 37, 165-77	3
1622	Plasma and liver selenium levels in the rat during supplementation with 0.5, 2, 6, and 15 ppm selenium in drinking water. 1993 , 38, 139-47	13
1621	Changes in glutathione metabolic enzymes in erythrocytes of Plasmodium vivax infected patients. 1993 , 219, 159-65	1
1620	Generation of reactive oxygen species from the reaction of selenium compounds with thiols and mammary tumor cells. 1993 , 45, 429-437	150

1619	Intravenous administration of inorganic selenium compounds, inhibitors of prostaglandin D synthase, inhibits sleep in freely moving rats. 1993 , 623, 65-71	29
1618	Effects of selenium supplement on the de novo biosynthesis of glycerolipids in the isolated rat heart. 1993 , 1170, 307-13	3
1617	Response of whole blood glutathione peroxidase and selenium in chicks fed with sodium selenite, wheat and fish meal. 1993 , 41, 103-111	2
1616	Effect of sodium selenite on morphine-induced hepatotoxicity in mice. 1993 , 16, 241-53	3
1615	Toxicity, bioavailability and metal speciation. 1993 , 106, 585-95	24
1614	Significance of selenium-labeled proteins for selenium's chemopreventive functions. 1993 , 14, 1895-900	21
1613	Distribution of vitamin E between tissues during periods of hyperoxic and nutritional stress in the preterm guinea pig. 1993 , 105, 549-54	4
1612	Selected measures of selenium status in full-term and preterm neonates, their mothers and nonpregnant women. 1993 , 13, 901-911	9
1611	Regulation of selenoproteins. 1993 , 13, 65-81	244
1610	Induction of oxalate binding by dehydroascorbic acid feeding in rat kidney. 1993 , 13, 667-676	5
1609	Effects of selenite, CO ₂ and illumination on the induction of selenium-dependent glutathione peroxidase in <i>Chlamydomonas reinhardtii</i> . 1993 , 94, 81-88	39
1608	Age-dependent variation of selenium-75 biokinetics in rat. 1993 , 64, 329-33	8
1607	Inhibition of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone tumorigenicity in mouse lung by the synthetic organoselenium compound, 1,4-phenylenebis(methylene)selenocyanate. 1993 , 14, 1111-3	46
1606	Increased levels of S-adenosylmethionine in the livers of rats fed various forms of selenium. 1993 , 20, 31-9	3
1605	Selenium bioavailability in the regional urban diet of Mato Grosso, Brazil. 1993 , 43, 223-229	6
1604	Purification and characterization of a glutathione peroxidase from the Aloe vera plant. 1993 , 47, 92-8	45
1603	Selenium status of infants is influenced by supplementation of formula or maternal diets. 1993 , 58, 643-8	49
1602	Synthesis of [⁷⁵ Se]selenoproteins is greater in selenium-deficient sheep. 1993 , 123, 689-94	6

1601	Effects of dietary selenium on the tissue concentrations of type I iodothyronine 5'-deiodinase and other selenoproteins. 1993 , 57, 310S-312S	43
1600	The role of selenium added to pulmonary preservation solutions in isolated guinea pig lungs. 1994 , 108, 922-927	10
1599	Changes in tissue levels of glutathione, extent of lipid peroxidation, and activity of glutathione peroxidase in transplantable murine lymphoma. 1994 , 51, 25-9	12
1598	Selenoprotein P. A selenium-rich extracellular glycoprotein. 1994 , 124, 1891-7	135
1597	The composition of human milk as a model for the design of infant formulas: recent findings and possible applications. 1994 , 7, 1-23	47
1596	Progressive encephalopathy in a Crohn's disease patient on long-term total parenteral nutrition: possible relationship to selenium deficiency. 1994 , 70, 215-9	31
1595	Brain Lipids in Ageing and in Alzheimer's Disease: A Review. 1994 , 4, 327-349	
1594	Application of Nuclear Analytical Methods in the Investigation and Identification of New Selenoproteins. 1994 , 287-297	
1593	Effect of dietary phytate on growth and selenium status of chicks fed selenite or selenomethionine. 1994 , 35, 725-41	26
1592	Evaluation of chemopreventive agents against breast cancer and proposed strategies for future clinical intervention trials. 1994 , 15, 2395-420	69
1591	Immunolocalization of antioxidant enzymes in adult hamster kidney. 1994 , 26, 734-53	77
1590	Antioxidant status in asthma. 1994 , 18, 34-8	75
1589	Effect of alpha-tocopherol on lipid peroxidation and antioxidant system in fibrosarcoma bearing rats. 1994 , 131, 125-9	20
1588	Benign human enterovirus becomes virulent in selenium-deficient mice. 1994 , 43, 166-70	146
1587	Effect of tamoxifen on lipid peroxide and antioxidative system in postmenopausal women with breast cancer. 1994 , 74, 78-82	47
1586	Analytical techniques applied to the speciation of selenium in environmental matrices. 1994 , 286, 357-370	122
1585	Increased malic enzyme activity in selenium-deficient rat liver. 1994 , 5, 314-316	3
1584	Free radical mechanisms in schizophrenia and tardive dyskinesia. 1994 , 18, 457-67	85

1583	Chemoprevention of cancer. 1994 , 18, 6-79	37
1582	Laryngeal cancer and blood selenium levels. 1994 , 251, 170-2	2
1581	The effect of selenium added cardioplegia in guinea pigs. 1994 , 25, 1493-7	12
1580	On the nature of selenium toxicity and carcinostatic activity. 1994 , 17, 45-64	467
1579	Effects of dietary selenium on differentiation, morphology and functions of spermatozoa of the house rat, <i>Rattus rattus</i> L. 1994 , 309, 29-35	16
1578	Oxidative stress: free radical production in neural degeneration. 1994 , 63, 37-122	406
1577	Effect of selenite and selenate on rat liver nuclear 3,5,3'-triiodothyronine (T3) receptor. 1994 , 41, 191-9	14
1576	Application of nuclear analytical methods in the investigation and identification of new selenoproteins. 1994 , 43-45, 287-97	19
1575	Detection and determination of selenoproteins by nuclear techniques. 1994 , 43-45, 299-307	5
1574	Metabolic relevance of selenium in the insect <i>Corcyra cephalonica</i> . Uptake of ⁷⁵ Se and subcellular distribution. 1994 , 41, 217-33	10
1573	Selenium deficiency in HIV infection and the acquired immunodeficiency syndrome (AIDS). 1994 , 91, 181-6	92
1572	Serum selenium levels in Slovak population. 1994 , 46, 163-71	13
1571	Analytical methods for the speciation of selenium compounds: a review. 1994 , 348, 792-805	99
1570	Reduction of heart lesions after experimental restraint stress: a study in stress-susceptible pigs. 1994 , 41, 722-30	1
1569	Lipoperoxidative damage on lead exposure in rat brain and its implications on membrane bound enzymes. 1994 , 74, 66-71	147
1568	The possible role of selenium in antioxidation in marine waders; a preliminary study. 1994 , 144, 241-6	1
1567	A recombinant DNA bio-assay for selenium in blood. 1994 , 148, 351-6	3
1566	Counteraction by glutathione and selenium of the prooxidant effect of alloxan in erythrocytes in vitro. 1994 , 8, 1259-63	2

1565	Selenium deficiency and decreased coenzyme Q levels. 1994 , 15 Suppl, s103-7	14
1564	Effect of dietary vitamin E and selenium on growth, survival and the prevalence of Renibacterium salmoninarum infection in chinook salmon (Oncorhynchus tshawytscha). 1994 , 121, 343-358	35
1563	Effect of prepartum injection of vitamin E and selenium on postpartum reproductive function of dairy cattle. 1994 , 41, 1251-8	36
1562	Glutathione peroxidase activity in tissues of chickens supplemented with dietary selenium. 1994 , 107, 245-248	12
1561	Effect of Paraquat Administration on Antioxidative Enzyme Activities and Oxidative Damage in the Blood and Liver of Senescence-accelerated Mice. 1994 , 58, 146-50	3
1560	New metabolic roles for selenium. 1994 , 53, 615-24	96
1559	Antioxidants and free radical scavengers. 1994 , 113-130	36
1558	Some chemical and biochemical constraints of oxidative stress in living cells* *This chapter is dedicated to Ren' Buvet (☐November 26, 1992) who led me to the astonishing world of oxygen biochemistry.. 1994 , 25-66	19
1557	Blood levels of lead, cadmium and selenium in children from Bytom, Poland. 1994 , 4, 223-235	11
1556	Comparison of Trace Element Alterations and Water Content in Haemorrhagic and Non-Haemorrhagic Cerebral Infarcts. 1994 , 4, 412-416	5
1555	Rat skeletal muscle selenoprotein W: cDNA clone and mRNA modulation by dietary selenium. 1995 , 92, 8749-53	103
1554	Selenium levels and glutathione peroxidase activities in blood in an andean high-altitude population. 1995 , 41, 349-61	27
1553	Abstracts. 1995 , 33,	0
1552	Nutritional benefit of edible oil processing to decrease cardiac risk factors: In vivo studies with Mustard, Rape Seed Oils Low & High in Erucic Acid & Corn Oil. 1995 , 633-647	1
1551	Differential selenium-dependent expression of type I 5'-deiodinase and glutathione peroxidase in the porcine epithelial kidney cell line LLC-PK1. 1995 , 306 (Pt 3), 851-6	71
1550	Effects of selenium supplementation on immune parameters in chronic uraemic patients on haemodialysis. 1995 ,	1
1549	Natural antioxidants for the prevention of atherosclerosis. 1995 , 15, 648-59	16
1548	Plasma levels of the antioxidant selenium and risk of myocardial infarction among U.S. physicians. 1995 , 76, 1218-21	87

1547	The necessity of selenium substitution in total parenteral nutrition and artificial alimentation. 1995 , 9, 1-12	25
1546	Selenium and Lactobacillus species. 1995 , 79, 331-340	40
1545	High serum alpha-tocopherol, albumin, selenium and cholesterol, and low mortality from coronary heart disease in northern Finland. 1995 , 237, 49-54	58
1544	The effect of selenium deficiency on the fatty-acid composition of various tissues and the osmotic fragility of erythrocytes in the growing pig. 1995 , 73, 77-85	2
1543	Flow-injection anodic stripping voltammetry at a gold electrode for selenium(IV) determination. 1995 , 308, 96-101	33
1542	Equilibrium studies of selenite and selenate ions with the receptor complex formed by Cu ²⁺ and 1,4,7,13,16,19-hexaaza-10,22-dioxacyclotetracosane (OBISDIEN). 1995 , 236, 189-196	4
1541	Metabolic effect of sodium selenite: Insulin-like inhibition of glucagon-stimulated glycogenolysis in the isolated perfused rat liver. 1995 , 22, 169-174	16
1540	Chemoprevention of cancer by organoselenium compounds. 1995 , 22, 92-100	71
1539	Trace elements in parenteral micronutrition. 1995 , 28, 561-6	48
1538	Selenium concentrations in brain after exposure to methylmercury: relations between the inorganic mercury fraction and selenium. 1995 , 69, 228-34	35
1537	[Effect on metabolism of thyroid hormones in deficient to subtoxic selenium supply levels]. 1995 , 34, 277-83	8
1536	Cisplatin induced nephrotoxicity and the modulating effect of glutathione ester. 1995 , 144, 7-11	56
1535	Toxicity, metabolism and absorption of selenite by isolated rat hepatocytes. 1995 , 100, 151-62	15
1534	Methods of analysis used for the determination of selenium in milk and infant formulae: a review. 1995 , 53, 453-466	27
1533	Selenium-77 nuclear magnetic resonance spectroscopy. 1995 , 27, 1-323	284
1532	Effect of chronic aluminum exposure on the levels of conjugated dienes and enzymatic antioxidants in hippocampus and whole brain of rat. 1995 , 55, 716-22	17
1531	Mitochondria changes in human muscle after prolonged exercise, endurance training and selenium supplementation. 1995 , 71, 505-11	15
1530	Daily dietary intake of copper, zinc, and selenium of exclusively breast-fed infants of middle-class women in Burundi, Africa. 1995 , 49, 151-9	13

1529	Mitochondrial selenium-75 uptake and regulation revealed by kinetic analysis. 1995 , 49, 21-42	1
1528	Kinetic analysis of ⁷⁵ selenium uptake by mitochondria of germinating <i>Vigna radiata</i> of different selenium status. 1995 , 48, 67-89	6
1527	Subcellular distribution of selenium during uptake and its influence on mitochondrial oxidations in germinating <i>Vigna radiata</i> L. 1995 , 48, 141-60	9
1526	In vitro effects of sodium selenite on nuclear 3,5,3'-triiodothyronine (T3) receptor gene expression in rat pituitary GH4C1 cells. 1995 , 48, 173-83	1
1525	Iodothyronine deiodinase activity in methionine-deficient rats fed selenium-deficient or selenium-sufficient diets. 1995 , 48, 197-213	1
1524	The effect of age and selenium on some biochemical parameters in rat liver. 1995 , 47, 257-61	5
1523	Effect of selenium supplementation on polyunsaturated fatty acids in rats. 1995 , 47, 335-41	8
1522	Evaluation of selenium supply and status of inhabitants in three selected rural and urban regions of the Czech Republic. 1995 , 47, 365-75	14
1521	Mineral Requirements of Beef Cattle. 1995 , 36-52	1
1520	Micronutrients in Critical Illness. 1995 , 11, 651-673	38
1519	Selenium deficiency as a cause of overload of iron and unbalanced distribution of other minerals. 1995 , 59, 302-6	32
1518	Protective effect of selenium on hemoglobin mediated lipid peroxidation in vivo. 1995 , 23, 469-86	27
1517	SOLID PHASE EXTRACTION FOR PRECONCENTRATION AND SEPARATION OF SELENIUM SPECIES. 1995 , 13, 369-389	15
1516	Development of brain free radical scavenging system and lipid peroxidation under the influence of gestational and lactational cadmium exposure. 1995 , 14, 428-33	25
1515	Effect of sodium selenite on growth, insulin-like growth factor-binding proteins and insulin-like growth factor-I in rats. 1995 , 145, 105-12	38
1514	Dietary mustard, rape seed oils and selenium exert distinct effects on serum Se, lipids, peroxidation products and platelet aggregability. 1995 , 14, 176-83	10
1513	Human thioredoxin reductase directly reduces lipid hydroperoxides by NADPH and selenocystine strongly stimulates the reaction via catalytically generated selenols. 1995 , 270, 11761-4	241
1512	Age dependency of selenium and cadmium content in human liver, kidney, and thyroid. 1995 , 50, 242-6	44

1511	The catalytic outcomes of the constitutive and the mitogen inducible isoforms of prostaglandin H2 synthase are markedly affected by glutathione and glutathione peroxidase(s). 1995 , 34, 3325-37	111
1510	Correlations between parameters of body selenium status and peripheral thyroid parameters in the low selenium region. 1995 , 120, 959-65	31
1509	Lipid Peroxidation, Antioxidant Defences and Red-Cell Membrane Changes in Relation to Coronary Risk Index and Symptomatic Coronary Heart Disease. 1995 , 2, 551-561	
1508	Hydrogen peroxide degradation and glutathione peroxidase activity in cultures of thyroid cells. 1995 , 111, 99-107	52
1507	Relationship of silver with selenium and mercury in the liver of two species of toothed whales (odontocetes). 1995 , 30, 262-271	55
1506	Protective effect of vitamin E on lymphocyte growth capacity during incubation in vitro. 1995 , 82, 129-48	6
1505	Survey of bioavailable selenium in Sweden with the moose (<i>Alces alces</i> L.) as monitoring animal. 1995 , 172, 37-45	21
1504	Hemodialysis with regenerated cellulosic membranes does not reduce plasma selenium levels in chronic uremic patients. 1995 , 19, 81-5	11
1503	Selenium in uremia. 1995 , 19, 443-8	21
1502	Buthionine sulfoximine-induced glutathione depletion. Its effect on antioxidants, lipid peroxidation and calcium homeostasis in the lung. 1995 , 50, 229-34	36
1501	A stress-associated citrus protein is a distinct plant phospholipid hydroperoxide glutathione peroxidase. 1995 , 366, 151-5	71
1500	Effect of L-cysteine on lipid peroxidation in experimental urolithiatic rats. 1995 , 32, 165-9	17
1499	Effects of in vitro supplementation of bovine mammary gland macrophages and peripheral blood lymphocytes with alpha-tocopherol and sodium selenite: implications for udder defences. 1995 , 47, 111-21	22
1498	Metabolic effect of sodium selenite: Insulin-like inhibition of glucagon-stimulated glycogenolysis in the isolated perfused rat liver. 1995 , 22, 169-174	3
1497	Studies on the distribution and characteristics of new mammalian selenium-containing proteins. 1995 , 120, 823-5	64
1496	Diversity of glutathione peroxidases. 1995 , 252, 38-53	595
1495	Ebselen as a glutathione peroxidase mimic and as a scavenger of peroxynitrite. 1997 , 38, 229-46	173
1494	Selenium in Food and Health. 1996 ,	90

1493	Regulation of selenoprotein gene expression and thyroid hormone metabolism. 1996 , 24, 384-8	27
1492	Iron-induced changes in electrocardiogram in selenium-deficient rats. 1996 , 16, 961-968	1
1491	The presence of thiols in the hepatic nuclear binding site for L-tryptophan: Studies with selenite. 1996 , 16, 1023-1034	11
1490	Mineral water and spas in France. 1996 , 14, 607-10	7
1489	Speciation of organic selenium compounds by high-performance liquid chromatography inductively coupled plasma mass spectrometry in natural samples. 1996 , 11, 1171-1176	52
1488	Investigation of selenium speciation in in vitro gastrointestinal extracts of cooked cod by high-performance liquid chromatography inductively coupled plasma mass spectrometry and electrospray mass spectrometry. 1996 , 11, 1177-1182	80
1487	Speciation analysis of some organic selenium compounds. A review. 1996 , 121, 77R-83R	53
1486	Oxidative effects of selenite on rat ventricular contractility and Ca movements. 1996 , 32, 351-61	39
1485	Protective Effect of Tincture of Crataegus on Oxidative Stress in Experimental Atherosclerosis in Rats.. 1996 , 20, 211-223	15
1484	Geographic factors and plasma selenium in uremia and dialysis. 1996 , 72, 197-204	9
1483	Oxidative stress: Free radical production in neural degeneration. 1996 , 425-509	0
1482	The enzymatic antioxidant system in blood and glutathione status in human immunodeficiency virus (HIV)-infected patients: effects of supplementation with selenium or beta-carotene. 1996 , 64, 101-7	122
1481	Abnormal antioxidant status in impaired glucose tolerance and non-insulin-dependent diabetes mellitus. 1996 , 13, 715-9	109
1480	Apoptosis induced by selenium in human glioma cell lines. 1996 , 54, 123-34	53
1479	Tissue potassium, selenium, and iron levels associated with gastric cancer progression. 1996 , 41, 119-25	18
1478	Blood selenium levels of Indians: Delhi area. 1996 , 11, 148-151	2
1477	Newly found selenium-containing proteins in the tissues of the rat. 1996 , 55, 99-110	57
1476	Selenium metabolism and bioavailability. 1996 , 54, 185-99	203

1475	Thyroid function and plasma selenium in chronic uremic patients on hemodialysis treatment. 1996 , 55, 221-30	22
1474	Toxic levels of selenium in enzymes and selenium uptake in tissues of a marine fish. 1996 , 51, 97-106	3
1473	Decreased glutathione peroxidase activity in mice in response to nafenopin is caused by changes in selenium metabolism. 1996 , 99, 165-77	10
1472	Metal speciation in biological fluids [A review]. 1996 , 122, 209-246	38
1471	Selenium status in infants and children with phenylketonuria and in maternal phenylketonuria. 1996 , 155 Suppl 1, S140-4	15
1470	Effect of aluminum on regional brain antioxidant defense status in Wistar rats. 1996 , 196, 187-94	32
1469	Selenium supplementation [The Finnish experiment]. 1996 , 21, 167-173	3
1468	Protein-bound selenium in the seeds of coco de mono (<i>Lecythis ollaria</i>). 1996 , 10, 96-102	16
1467	Serum and Tissue Selenium Contents Related to Renal Disease and Colon Cancer as Determined by Electrothermal Atomic Absorption Spectrometry. 1996 , 10, 223-228	6
1466	Selenoprotein W of rat muscle binds glutathione and an unknown small molecular weight moiety. 1996 , 61, 117-24	94
1465	The antioxidant effect of eugenol on CCl ₄ -induced erythrocyte damage in rats. 1996 , 7, 23-28	39
1464	Status of lipids, lipid peroxidation, and antioxidant systems with Vitamin C supplementation during aging in rats. 1996 , 7, 270-275	13
1463	Oral selenate improves glucose homeostasis and partly reverses abnormal expression of liver glycolytic and gluconeogenic enzymes in diabetic rats. 1996 , 39, 3-11	120
1462	Protective role of curcumin against isoproterenol induced myocardial infarction in rats. 1996 , 159, 85-93	171
1461	Influence of selenium on glutathione and some associated enzymes in rats with mammary tumor induced by 7,12-dimethylbenz(a)anthracene. 1996 , 156, 101-7	29
1460	Effect of DL Lipoic acid on tissue redox state in acute cadmium-challenged tissues. 1996 , 7, 85-92	1
1459	Diets deficient in selenium and vitamin E affect plasma lipoprotein and apolipoprotein concentrations in the rat. 1996 , 76, 899-907	25
1458	Effects of selenium deficiency on testicular morphology and function in rats. 1996 , 106, 291-7	149

1457	Anterior cervical interbody fusion using autogeneic and allogeneic bone graft substrate: a prospective comparative analysis. 1996 , 85, 206-10	282
1456	Estimation of selenium bioavailability from human, cow's, goat and sheep milk by an in vitro method. 1996 , 47, 75-81	32
1455	Evaluation of selenium exposure in copper refinery workers. 1996 , 48, 239-51	7
1454	Effect of oltipraz, alpha-tocopherol, beta-carotene and phenethylisothiocyanate on rat oesophageal, gastric, colonic and hepatic glutathione, glutathione S-transferase and peroxidase. 1996 , 17, 1439-45	62
1453	The protective role of glutathione peroxidase in apoptosis induced by reactive oxygen species. 1996 , 119, 817-22	111
1452	Chapter 50 Selenium in nutrition and therapeutics. 1997 , 8, 985-994	3
1451	The Erythrocyte. 1997 , 157-203	26
1450	Plant glutathione peroxidases. 1997 , 100, 234-240	19
1449	Chemoprevention of colon cancer by organoselenium compounds and impact of high- or low-fat diets. 1997 , 89, 506-12	60
1448	Selenium influences tissue levels of selenoprotein W in sheep. 1997 , 127, 394-402	50
1447	The sizes of the exchangeable pools of selenium in elderly women and their relation to institutionalization. 1997 , 78, 379-96	40
1446	Impact of disease on markers of micronutrient status. 1997 , 56, 421-31	39
1445	Expression pattern of the mitochondrial capsule selenoprotein mRNA in the mouse testis after puberty; in situ hybridization study. 1997 , 59, 983-8	10
1444	Glutathione peroxidase degrades intracellular hydrogen peroxide and thereby inhibits intracellular protein iodination in thyroid epithelium. 1997 , 138, 2871-8	62
1443	Selenium in health and disease: a review. 1997 , 37, 211-28	206
1442	Semecarpus anacardium Nut Extract Induced Changes in Enzymic Antioxidants Studied in Aflatoxin B1 Caused Hepatocellular Carcinoma Bearing Wistar Rats. 1997 , 35, 161-166	16
1441	Selenium metabolism and renal disease. 1997 , 7, 69-72	10
1440	Expression of glutathione peroxidases in the adult male rat reproductive tract. 1997 , 68, 689-95	30

1439	Selenium Content of Common Indian Cereals, Pulses, and Spices. 1997 , 45, 2565-2568	13
1438	Diabetes mellitus, lipid peroxidation and antioxidant status in rural patients. 1997 , 259, 183-6	10
1437	Selenium: potent stimulator of tyrosyl phosphorylation and activator of MAP kinase. 1997 , 1355, 259-69	71
1436	Effect of selenium on cultured bovine luteal cells. 1997 , 46, 203-11	18
1435	Experiments that changed nutritional thinking. Proceedings of a minisymposium. Atlanta, Georgia, April 1995 and Washington, DC, April 1996. 1997 , 127, 1017S-1053S	12
1434	Cellular glutathione peroxidase knockout mice express normal levels of selenium-dependent plasma and phospholipid hydroperoxide glutathione peroxidases in various tissues. 1997 , 127, 1445-50	121
1433	Dietary selenium increases selenoprotein W levels in rat tissues. 1997 , 127, 2165-72	64
1432	Overexpression of cellular glutathione peroxidase does not affect expression of plasma glutathione peroxidase or phospholipid hydroperoxide glutathione peroxidase in mice offered diets adequate or deficient in selenium. 1997 , 127, 675-80	66
1431	Plant glutathione peroxidases. 1997 , 100, 234-240	215
1430	Protection of cyclosporin A-induced biochemical changes by vitamin E pretreatment in hyperoxaluric rat kidney. 1997 , 8, 32-37	3
1429	Expression of selenoproteins in various rat and human tissues and cell lines. 1997 , 11, 83-91	55
1428	Salubrious effect of Semecarpus anacardium against lipid peroxidative changes in adjuvant arthritis studied in rats. 1997 , 175, 65-9	35
1427	Effects of selenium and serum on selenoprotein W in cultured L8 muscle cells. 1997 , 10, 11-22	14
1426	[Importance and physiologic nutritional requirement of the selenium trace element within the scope of parenteral nutrition (TPN)]. 1997 , 92 Suppl 3, 20-2	2
1425	Microcalorimetric study of the toxic effect of selenium on the mitochondrial metabolism of Cyprinus carpio liver. 1997 , 60, 115-22	12
1424	Studies on some trace and minor elements in blood. A survey of the Kalpakkam (India) population. Part II: Reference values for plasma and red cell, and correlation with coronary risk index. 1997 , 57, 207-21	4
1423	Comparative effects of selenite and selenite on the glutathione-related enzymes activity in pig blood platelets. 1997 , 57, 259-69	6
1422	Synthesis of sulfanilamide derivatives of BISA. 1997 , 2, 461-463	

1421	Bioavailability of selenium from veal, chicken, beef, pork, lamb, flounder, tuna, selenomethionine, and sodium selenite assessed in selenium-deficient rats. 1997 , 58, 43-53	30
1420	Serum selenium concentration of a healthy northwest Spanish population. 1997 , 58, 127-33	25
1419	Effect of dietary selenium and vitamin E on the biomechanical properties of rabbit bones. 1997 , 16, 441-9	30
1418	Effect of methacrylonitrile on rat lung antioxidant enzymes. 1997 , 59, 894-900	2
1417	Enhancement of SDZ ICT 322-induced cataracts and skin changes in rats following vitamin E- and selenium-deficient diet. 1997 , 71, 283-9	14
1416	Direct determination of selenium in whole blood by anodic stripping voltammetry. 1997 , 127, 67-70	3
1415	Effect of depletion of reduced glutathione and its supplementation by glutathione monoester on renal oxalate retention in hyperoxaluria. 1997 , 8, 445-450	15
1414	Chemical transformations of selenium in living organisms. Improved forms of selenium for cancer prevention. 1997 , 53, 12299-12310	95
1413	Erythrocyte lipid peroxidation and antioxidants in gastric cancer patients. 1997 , 15, 15-8	30
1412	Effect of lipoic acid administration on gentamicin-induced lipid peroxidation in rats. 1997 , 17, 405-8	25
1411	Muscle involvement in human immunodeficiency virus-infected patients is associated with marked selenium deficiency. 1997 , 20, 386-9	21
1410	Protective effects of selenium supplementation in minimizing 5-fluorouracil induced lipid peroxidative damage of the small intestine. 1997 , 10, 163-171	2
1409	Selenium supplementation during cadmium exposure: Changes in antioxidant enzymes and the ultrastructure of the kidney. 1997 , 10, 233-242	19
1408	Selenium is required for normal upregulation of myelin genes in differentiating oligodendrocytes. 1997 , 47, 626-35	30
1407	Role of glutathione on renal mitochondrial status in hyperoxaluria. 1998 , 185, 77-84	37
1406	Sodium selenate corrects glucose tolerance and heart function in STZ diabetic rats. 1998 , 179, 27-34	59
1405	Dexamethasone induced alterations in enzymatic and nonenzymatic antioxidant status in heart and kidney of rats. 1998 , 181, 77-85	33
1404	Nutrient content of the edible leaves of seven wild plants from Niger. 1998 , 53, 57-69	79

1403	Knockout of cellular glutathione peroxidase affects selenium-dependent parameters similarly in mice fed adequate and excessive dietary selenium. 1998 , 7, 311-21	36
1402	Effect of organic forms of selenium on delta-aminolevulinate dehydratase from liver, kidney, and brain of adult rats. 1998 , 149, 243-53	155
1401	Effect of Dietary Selenium on Selenoprotein W and Glutathione Peroxidase in 28 Tissues of the Rat. 1998 , 9, 23-27	35
1400	Dietary selenium and vitamin E affect adrenal and brain dehydroepiandrosterone levels in young rats. 1998 , 9, 339-343	2
1399	Antioxidants and atherogenesis. 1998 , 9, 424-445	53
1398	Effect of l-carnitine on the status of lipid peroxidation and antioxidants in aging rats. 1998 , 9, 575-581	94
1397	Chemopreventive agents: selenium. 1998 , 79, 179-92	512
1396	Selenium and chromium deficiency during long-term home total parenteral nutrition in chronic idiopathic intestinal pseudoobstruction. 1998 , 14, 291-5	17
1395	Trace elements and cardioprotection: increasing endogenous glutathione peroxidase activity by oral selenium supplementation in rats limits reperfusion-induced arrhythmias. 1998 , 12, 28-38	32
1394	Organic and inorganic selenium supplementation to lactating mothers increase the blood and milk Se concentrations and Se intake by breast-fed infants. 1998 , 12, 77-85	30
1393	Erythrocyte resistance to oxidative damage and leucocyte capacity to reduce nitroblue tetrazolium in selenium-deficient cattle. 1998 , 45, 271-8	5
1392	Role of selenium against lead toxicity in male rats. 1998 , 12, 345-9	75
1391	Exercise, depletion of antioxidants and antioxidant manipulation. 1998 , 16, 269-75	83
1390	Antiperoxidative effect of Livex, a herbal formulation against erythromycin estolate induced lipid peroxidation in rats. 1998 , 12, 465-471	14
1389	Variability in the distribution of selenium in healthy heart tissue measured by neutron activation analysis. 1998 , 236, 57b-63	
1388	The effect of selenium and vitamin E on microvascular permeability of rat organs. 1998 , 64, 161-8	8
1387	Selenium-mediated differential response of beta-glucosidase and beta-galactosidase of germinating <i>Trigonella foenum-graecum</i> . 1998 , 64, 247-58	4
1386	Tissue and concentration-dependent effects of sodium selenite on muscle contraction. 1998 , 62, 265-80	7

1385	Different selenium-containing proteins in the extracellular and intracellular media of leucocytes cultivated in vitro. 1998 , 61, 237-52	6
1384	Nuclear all-trans retinoic acid receptors: in vitro effects of selenium. 1998 , 62, 43-50	4
1383	Concentrations of selenium in human milk. 1998 , 207, 174-179	4
1382	Trace elements that act as antioxidants in parenteral micronutrition. 1998 , 9, 304-307	27
1381	Sodium selenite and N-acetylcysteine in antiretroviral-naive HIV-1-infected patients: a randomized, controlled pilot study. 1998 , 28, 389-97	54
1380	Speciation of trace elements in foods, with special reference to cadmium and selenium: is it necessary?. 1998 , 53, 213-219	28
1379	Simultaneous speciation of selenium and arsenic using elevated temperature liquid chromatography separation with inductively coupled plasma mass spectrometry detection. 1998 , 53, 899-909	34
1378	The effect of heat treatment on intrinsic and fortified selenium levels in cow's milk. 1998 , 62, 21-25	22
1377	Role of cytochrome P-450 in quinalphos toxicity: effect on hepatic and brain antioxidant enzymes in rats. 1998 , 36, 437-44	35
1376	Effects of the sulforaphane analog compound 30, indole-3-carbinol, D-limonene or relafen on glutathione S-transferases and glutathione peroxidase of the rat digestive tract. 1998 , 1379, 325-36	39
1375	HTHQ (1-O-hexyl-2,3,5-trimethylhydroquinone), an anti-lipid-peroxidative compound: its chemical and biochemical characterizations. 1998 , 1425, 47-60	22
1374	The efficacy of trypsin: chymotrypsin preparation in the reduction of oxidative damage during burn injury. 1998 , 24, 532-8	15
1373	Effects of mercuric chloride and sodium selenite on some immune responses of blue gourami, <i>Trichogaster trichopterus</i> (Pallus). 1998 , 214, 153-64	29
1372	Identification of a lipoyxygenase inhibitor in A431 cells as a phospholipid hydroperoxide glutathione peroxidase. 1998 , 424, 22-6	27
1371	Lipid peroxidation and antioxidants in oral squamous cell carcinoma. 1998 , 273, 95-8	20
1370	Effect of triterpenes from <i>Crataeva nurvala</i> stem bark on lipid peroxidation in adjuvant induced arthritis in rats. 1998 , 37, 191-5	51
1369	Effect of selenium supplements on the distribution of selenium among serum proteins in cattle. 1998 , 81, 1089-94	30
1368	Human generalized argyria: a submicroscopic and X-ray spectroscopic study. 1998 , 22, 47-53	24

1367	Coeliac disease: always something to discover. 1998 , 228, 122-9	12
1366	Iodothyronine Deiodinase Mimics. Deiodination of o,o-Diiodophenols by Selenium and Tellurium Reagents. 1998 , 63, 3911-3917	40
1365	The Absorption and Tissue Distribution of Selenium from High-Selenium Broccoli Are Different from Selenium from Sodium Selenite, Sodium Selenate, and Selenomethionine As Determined in Selenium-Deficient Rats. 1998 , 46, 3702-3707	49
1364	A novel method for the purification of selenoprotein P from human plasma. 1998 , 357, 326-30	60
1363	Selenoproteins are expressed in fetal human osteoblast-like cells. 1998 , 245, 101-7	64
1362	Selenium Removal by Constructed Wetlands: Role of Biological Volatilization. 1998 , 32, 591-597	207
1361	Studies on the origin of redox enzymes in seminal plasma and their relationship with results of in-vitro fertilization. 1998 , 4, 835-9	58
1360	Bersicht. 1998 , 22, 539-544	
1359	UGA codon position affects the efficiency of selenocysteine incorporation into glutathione peroxidase-1. 1998 , 273, 28533-41	35
1358	Expression pattern of phospholipid hydroperoxide glutathione peroxidase messenger ribonucleic acid in mouse testis. 1998 , 58, 1272-6	50
1357	Selenium in human male reproductive organs. 1998 , 13, 2172-6	55
1356	Expression pattern of gastrointestinal selenoproteins--targets for selenium supplementation. 1998 , 32, 64-70	35
1355	Serum selenium levels in Saudi new-borns. 1998 , 8, 269-275	10
1354	Vitamin E combined with selenium inhibits atherosclerosis in hypercholesterolemic rabbits independently of effects on plasma cholesterol concentrations. 1998 , 83, 366-77	75
1353	Degree of peroxidative status in neuronal tissues by different routes of inorganic mercury administration. 1998 , 21, 47-55	4
1352	Analysis of the mouse selenoprotein P gene. 1998 , 379, 683-91	39
1351	A novel glutathione peroxidase in bovine eye. Sequence analysis, mRNA level, and translation. 1998 , 273, 26171-8	61
1350	Expression of selenoprotein-P messenger ribonucleic acid in the rat testis. 1998 , 58, 261-5	52

1349	Impaired glutathione peroxidase activity accounts for the age-related accumulation of hydrogen peroxide in activated human neutrophils. 1998 , 53, M169-75	32
1348	Cellular glutathione peroxidase is the mediator of body selenium to protect against paraquat lethality in transgenic mice. 1998 , 128, 1070-6	150
1347	Effect of selenium on vanadium toxicity in different regions of rat brain. 1998 , 17, 23-8	26
1346	Expression pattern of mitochondrial capsule selenoprotein mRNA in the hamster testis. 1998 , 60, 1175-9	4
1345	Effect of dietary selenium supplementation on the plasma progesterone concentration in cows. 1998 , 60, 133-5	16
1344	Differential expression of selenoproteins by human skin cells and protection by selenium from UVB-radiation-induced cell death. 1998 , 332 (Pt 1), 231-6	78
1343	Cloning and expression of mitochondrial capsule selenoprotein gene in the golden hamster. 1998 , 60, 1113-8	4
1342	Glutathione peroxidase protects mice from viral-induced myocarditis. 1998 , 12, 1143-9	178
1341	Testosterone mediates expression of the selenoprotein PHGPx by induction of spermatogenesis and not by direct transcriptional gene activation. 1998 , 12, 1359-70	132
1340	Selenium-dependent cellular glutathione peroxidase protects mice against a pro-oxidant-induced oxidation of NADPH, NADH, lipids, and protein. 1999 , 13, 1467-75	102
1339	Selenium deficiency and chronic pancreatitis: disease mechanism and potential for therapy. 1999 , 11, 207-15; discussion 215-6	19
1338	Biosynthesis of Selenocysteine and its Incorporation into Proteins as the 21st Amino Acid. 1999 , 353-380	29
1337	Plasma selenium levels and risk of hepatocellular carcinoma among men with chronic hepatitis virus infection. 1999 , 150, 367-74	129
1336	Biology and Biotechnology of the Plant Hormone Ethylene II. 1999 ,	0
1335	Selenium elimination in pigs after an outbreak of selenium toxicosis. 1999 , 11, 352-7	25
1334	Selenium metabolism, selenoproteins and mechanisms of cancer prevention: complexities with thioredoxin reductase. 1999 , 20, 1657-66	569
1333	Dietary factors in human colorectal cancer. 1999 , 19, 545-86	240
1332	Chiral selenium compounds in organic synthesis. 1999 , 55, 1-28	223

1331	Glutathione-related enzymic activities in rats receiving high cholesterol or standard diets supplemented with two forms of selenium. 1999 , 65, 207-211	7
1330	Micronutrient deficiencies. A major cause of DNA damage. 1999 , 889, 87-106	124
1329	Effect of antioxidant trace elements on the response of cardiac tissue to oxidative stress. 1999 , 874, 138-55	35
1328	Ethanol potentiates lead-induced inhibition of rat brain antioxidant defense systems. 1999 , 85, 16-21	11
1327	Simultaneous determination of arsenic(III,V), selenium(IV,VI), and antimony(III,V) in natural water by coprecipitation and neutron activation analysis. 1999 , 395, 293-300	69
1326	Elevated lipid peroxidation and disturbed antioxidant enzyme activities in plasma and erythrocytes of patients with uterine cervicitis and myoma. 1999 , 32, 189-92	34
1325	Blood selenium levels in healthy Indian subjects and patients with rheumatoid arthritis. 1999 , 32, 665-6	3
1324	Acrolein-induced toxicity--defective mitochondrial function as a possible mechanism. 1999 , 36, 373-6	21
1323	Comparison of clastogenic effects of inorganic selenium salts in mice in vivo as related to concentrations and duration of exposure. 1999 , 12, 361-8	8
1322	Selenium. 1999 , 37, 145-72	237
1321	Selenium and reproduction. 1999 , 10, 251-6	32
1320	Oxidative stress during selenium deficiency in seedlings of <i>Trigonella foenum-graecum</i> and mitigation by mimosine. Part I. Hydroperoxide metabolism. 1999 , 70, 193-207	14
1319	The major selenium-containing protein in human peripheral granulocytes. 1999 , 68, 193-207	3
1318	Thioredoxin reductase is one of the selenoproteins in both promyelocytic and granulocytic HL-60 cells. 1999 , 68, 209-23	1
1317	Plasma and urinary selenium in Saudi Arabian patients with dilated cardiomyopathy. 1999 , 69, 59-68	10
1316	Serum selenium levels in healthy Slovak children and adolescents. 1999 , 67, 49-54	11
1315	Cytoprotection against lipid hydroperoxides correlates with increased glutathione peroxidase activities, but not selenium uptake from different selenocompounds. 1999 , 68, 159-74	10
1314	Glutathione and glutathione-related enzymes in decidua and placenta of controls and women with pre-eclampsia. 1999 , 20, 541-6	65

1313	Interferon/antioxidant combination therapy for chronic hepatitis C--a controlled pilot trial. 1999 , 43, 113-22	72
1312	Selenium, an antioxidant, protects against methamphetamine-induced dopaminergic neurotoxicity. 1999 , 818, 575-8	73
1311	Protection of methamphetamine nigrostriatal toxicity by dietary selenium. 1999 , 851, 76-86	84
1310	The diverse role of selenium within selenoproteins: a review. 1999 , 99, 836-43	295
1309	Inhibitory effect of phospholipid hydroperoxide glutathione peroxidase on the activity of lipoxygenases and cyclooxygenases. 1999 , 58, 65-75	34
1308	Knockout of cellular glutathione peroxidase gene renders mice susceptible to diquat-induced oxidative stress. 1999 , 27, 605-11	95
1307	Tissue-specific functions of individual glutathione peroxidases. 1999 , 27, 951-65	810
1306	Glutathione and its role in cellular functions. 1999 , 27, 916-21	1211
1305	Direct determination of selenium and other trace elements in serum samples by ICP-MS. 1999 , 12, 240-7	26
1304	Oxidant and antioxidant activity changes in patients with oral cancer and treated with radiotherapy. 1999 , 35, 273-7	55
1303	Cellular glutathione peroxidase protects mice against lethal oxidative stress induced by various doses of diquat. 1999 , 222, 164-9	37
1302	Tissue lipid peroxidation and glutathione-dependent enzyme status in patients with oral squamous cell carcinoma. 1999 , 17, 213-6	15
1301	Orphan selenoproteins. 1999 , 21, 231-7	81
1300	Dual function of the selenoprotein PHGPx during sperm maturation. <i>Science</i> , 1999 , 285, 1393-6	33.3 692
1299	Eales' disease: increased oxidation and peroxidation products of membrane constituents chiefly lipids and decreased antioxidant enzymes and reduced glutathione in vitreous. 1999 , 19, 254-9	28
1298	Novel Water-Soluble Diorganyl Tellurides with Thiol Peroxidase and Antioxidant Activity. 1999 , 64, 8161-8169	69
1297	Subcellular distribution of selenium and Se-containing proteins in human liver. 1999 , 1427, 205-15	33
1296	Chemopreventive potential of neem (<i>Azadirachta indica</i>) on 7,12-dimethylbenz[a]anthracene (DMBA) induced hamster buccal pouch carcinogenesis. 1999 , 67, 189-95	73

1295	Intracellular antioxidants: from chemical to biochemical mechanisms. 1999 , 37, 949-62	450
1294	The trace element selenium and the thyroid gland. 1999 , 81, 527-33	120
1293	Glutathione and glutathione-related enzymes in reproduction. A review. 1999 , 82, 171-84	127
1292	Protective role of DL-alpha-lipoic acid against mercury-induced neural lipid peroxidation. 1999 , 39, 67-80	21
1291	Antioxidant status and lipid peroxidation in human feto-placental unit. 1999 , 285, 1-12	39
1290	The CCAAT-box binding factor NF-Y is required for the expression of phospholipid hydroperoxide glutathione peroxidase in human epidermoid carcinoma A431 cells. 1999 , 455, 111-6	24
1289	Selenium contents of human milk and infant formulas in Spain. 1999 , 228, 185-92	16
1288	Selenium compounds inhibit the biological activity of blood platelets. 1999 , 10, 185-190	11
1287	Effects of Selenium Uptake by Tomato Plants on Senescence, Fruit Ripening and Ethylene Evolution. 1999 , 275-276	8
1286	Acute pulmonary toxicity of acrolein in rats--underlying mechanism. 1999 , 104, 189-94	17
1285	Purification, characterization, and glutathione binding to selenoprotein W from monkey muscle. 1999 , 361, 25-33	44
1284	The Nutrients [Deficiencies, Surfeits, and Food-Related Disorders. 2000 , 739-740	
1283	Other Trace Elements. 2000 , 856-868	
1282	Effects of organic and inorganic selenium supplementation on selenoenzyme activity in blood lymphocytes, granulocytes, platelets and erythrocytes. 2000 , 98, 593-599	98
1281	Effects of organic and inorganic selenium supplementation on selenoenzyme activity in blood lymphocytes, granulocytes, platelets and erythrocytes. 2000 , 98, 593	60
1280	Antioxidant and thyroid hormone status in selenium-deficient phenylketonuric and hyperphenylalaninemic patients. 2000 , 72, 976-81	72
1279	Selen in der Intensivmedizin. 2000 , 16, 54-57	1
1278	Serum Values of Copper, Zinc and Selenium in Adults Resident in Kuwait. 2000 , 9, 139-146	9

1277	Role of Acid-Base Equilibria in the Reduction of Selenious(IV) Acid. 2000 , 33, 1975-1989	4
1276	Antihyperglycaemic activity of <i>Musa sapientum</i> flowers: effect on lipid peroxidation in alloxan diabetic rats. 2000 , 14, 136-8	114
1275	The identification of selenium species in biological samples. 2000 , 14, 133-145	20
1274	Modulatory effects of garlic and neem leaf extracts on N-methyl-N'-nitro-N-nitrosoguanidine (MNNG)-induced oxidative stress in Wistar rats. 2000 , 18, 17-21	30
1273	Erythrocyte lipid peroxidation and antioxidants in cigarette smokers. 2000 , 18, 99-102	19
1272	Diphenyl diselenide and diphenyl ditelluride differentially affect delta-aminolevulinate dehydratase from liver, kidney, and brain of mice. 2000 , 14, 310-9	125
1271	Effect of lupeol, a pentacyclic triterpene, on the lipid peroxidation and antioxidant status in rat kidney after chronic cadmium exposure. 2000 , 20, 413-7	52
1270	Garlic and neem leaf extracts enhance hepatic glutathione and glutathione dependent enzymes during N-methyl-N'-nitro-N-nitrosoguanidine (MNNG)-induced gastric carcinogenesis in rats. 2000 , 14, 291-3	54
1269	Effect of selenium supplementation on the influence of cadmium on glutathione and glutathione peroxidase system in mouse liver. 2000 , 13, 299-304	21
1268	Detection of small selenium-containing proteins in tissues of the rat. 2000 , 14, 179-83	18
1267	Antioxidant lipoate and tissue antioxidants in aged rats. 2000 , 11, 122-7	81
1266	Effects of selenium deficiency on the response of cardiac tissue to ischemia and reperfusion. 2000 , 148, 125-32	47
1265	Emerging potentials for an antioxidant therapy as a new approach to the treatment of systemic sclerosis. 2000 , 155, 1-15	67
1264	SELECT: the Selenium and Vitamin E Cancer Prevention Trial: rationale and design. 2000 , 3, 145-151	90
1263	Curcumin prevents adriamycin nephrotoxicity in rats. 2000 , 129, 231-4	142
1262	Inhibition of 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis by S-allylcysteine. 2000 , 36, 382-6	24
1261	Garlic exerts hepatoprotective effects during 4-nitroquinoline 1-oxide-induced oral carcinogenesis in rats. 2000 , 9, 136-8	3
1260	Selenium, an antioxidant, attenuates methamphetamine-induced dopaminergic toxicity and peroxynitrite generation. 2000 , 855, 186-91	118

1259	Antioxidant associated chemoprevention by selenomethionine in murine tumor model. 2000 , 206, 17-25	17
1258	Selenoprotein W accumulates primarily in primate skeletal muscle, heart, brain and tongue. 2000 , 204, 49-56	52
1257	Differences in the growth inhibition of cultured K-562 cells by selenium, mercury or cadmium in two tissue culture media (RPMI-1640, Ham's F-10). 2000 , 13, 101-11	14
1256	Uptake and retention of selenite and selenomethionine in cultured K-562 cells. 2000 , 13, 209-15	7
1255	Effect of Dietary DL- α -Lipoic Acid Supplementation on Peroxidative Antioxidant Status in the Brain of Aged Rats. 2000 , 6, 313-316	2
1254	Selenium, the element of the moon, in life on earth. 2000 , 49, 411-20	108
1253	Ontogenic profile of some antioxidants and lipid peroxidation in human placental and fetal tissues. 2000 , 215, 11-9	100
1252	Selenium regulates expression in rat liver of genes for proteins involved in iron metabolism. 2000 , 74, 55-70	12
1251	Microcalorimetric study of Escherichia coli growth inhibited by the selenomorpholine complexes. 2000 , 75, 167-75	31
1250	The apparent effect of iron supplementation on serum selenium levels in teenage pregnancy. 2000 , 77, 209-17	4
1249	Selenoprotein W: a review. 2000 , 57, 1846-52	83
1248	Retention study of inorganic and organic selenium compounds on a silica-based reversed phase column with mixed ion-pairing reagents. 2000 , 51, 338-344	12
1247	Comparative Biochemistry of Marsupial Erythrocytes: A Review. 2000 , 10, 148-167	8
1246	Effects of selenium deficiency on the rat myocardial protein pattern-- investigation by two-dimensional gel electrophoresis. 2000 , 95, 199-207	1
1245	Erythropoietin, oxidative metabolism and dialysis. 2000 , 86, 544	
1244	Chemoprvention des kolorektalen Karzinoms: Fakt oder Fiktion?. 2000 , 16, 194-204	
1243	Effect of Selenium Source and Litter Type on Broiler Feathering. 2000 , 9, 407-413	13
1242	The Biochemistry of Alternative Medicine: Dietary Selenium. 2000 , 6, 342-346	2

1241	Association between alpha-tocopherol, gamma-tocopherol, selenium, and subsequent prostate cancer. 2000 , 92, 2018-23	276
1240	Chemoprevention of familial adenomatous polyposis development in the APC(min) mouse model by 1,4-phenylene bis(methylene)selenocyanate. 2000 , 21, 617-21	68
1239	Laboratory support of the clinical nutrition service. 2000 , 38, 693-714	8
1238	Age-Associated Plasma Lipids, Lipid Peroxidation, and Antioxidant Systems in Relation to Vitamin C Supplementation in Humans. 2000 , 3, 437-445	4
1237	Does selenium reduce the risk of threatened preterm delivery associated with placental cytochrome P450-1A1 activity?. 2000 , 84, 228-33	10
1236	Ebselen: prospective therapy for cerebral ischaemia. 2000 , 9, 607-19	218
1235	SELENIUM IN HIGHER PLANTS. 2000 , 51, 401-432	941
1234	Garlic enhances circulatory antioxidants during 7, 12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. 2000 , 72, 429-33	37
1233	Effect of selenium deficiency on liver iron stores in mice. 2000 , 20, 1027-1040	5
1232	Effect of garlic on circulatory oxidant and antioxidant status during 4-nitroquinoline 1-oxide-induced rat oral carcinogenesis. 2000 , 20, 1581-1589	4
1231	The glutathione/glutathione-related enzyme system in reproduction. 2000 , 91, 127-9	5
1230	Of humans and hamsters: comparative analysis of lipid peroxidation, glutathione, and glutathione-dependent enzymes during oral carcinogenesis. 2000 , 38, 267-70	36
1229	Regulation of cyclooxygenase and 12-lipoxygenase catalysis by phospholipid hydroperoxide glutathione peroxidase in A431 cells. 2000 , 62, 261-8	28
1228	Effects of sodium selenite on vascular smooth muscle reactivity. 2000 , 41, 195-9	3
1227	Effect of dl-alpha-lipoic acid on the status of lipid peroxidation and antioxidants in aged rats. 2000 , 41, 299-303	43
1226	Protective effect of triterpenes on calcium oxalate crystal-induced peroxidative changes in experimental urolithiasis. 2000 , 41, 413-8	41
1225	Exercise-Induced Oxidative Stress and Antioxidant Nutrients. 292-317	2
1224	Micronutrients and immune function in cattle. 2000 , 59, 587-94	128

1223	Inverse mRNA expression of the selenocysteine-containing proteins GI-GPx and SeP in colorectal adenomas compared with adjacent normal mucosa. 2000 , 37, 108-16	60
1222	Experimental basis for cancer prevention by vitamin E. 2000 , 18, 214-22	37
1221	Analysis of selenocysteine-containing proteins. 2001 , Chapter 3, Unit 3.8	4
1220	Selenium, selenoproteins and human health: a review. 2001 , 4, 593-9	598
1219	Mammalian selenium-containing proteins. 2001 , 21, 453-73	357
1218	Selenium in global food systems. 2001 , 85, 517-47	762
1217	Chemistry of biologically important synthetic organoselenium compounds. 2001 , 101, 2125-79	1262
1216	The involvement of free radicals in burn injury: a review. 2001 , 27, 309-17	79
1215	Blood selenium and glutathione peroxidases in miscarriage. 2001 , 108, 244-247	28
1214	Evaluation of the protective potential of <i>Ambrosia maritima</i> extract on acetaminophen-induced liver damage. 2001 , 75, 169-74	60
1213	Lycopene, an antioxidant carotenoid modulates glutathione-dependent hepatic biotransformation enzymes during experimental gastric carcinogenesis. 2001 , 21, 1117-1124	27
1212	Lycopene modulates circulatory antioxidants during hamster buccal pouch carcinogenesis. 2001 , 21, 1447-1453	10
1211	Mineral waters: instead of cosmetics or better than cosmetics?. 2001 , 19, 478-82	10
1210	The biochemistry of selenium and the glutathione system. 2001 , 10, 153-8	217
1209	Lipid peroxidation, osmotic fragility and antioxidant status in children with acute post-streptococcal glomerulonephritis. 2001 , 308, 155-61	54
1208	Plasma and RBCs antioxidant status in occupational male pesticide sprayers. 2001 , 310, 107-12	113
1207	Serum selenium concentration in a representative sample of the Canarian population. 2001 , 269, 65-73	30
1206	Effects of selenium and mercury on the enzymatic activities and lipid peroxidation in brain, liver, and blood of rats. 2001 , 36, 489-99	103

1205	Selenium levels in cow's milk from different regions of Australia. 2001 , 52, 43-51	9
1204	Effect of vitamin E and selenium on blood glutathione peroxidase activity and some immunological parameters in sheep. 2001 , 46, 1-5	15
1203	Pre- and postnatal tissue selenium of the rat in the growing state. 2001 , 80, 169-72	3
1202	STUDY OF SELENIUM AND GERMANIUM TREATMENT ON THEIR ACCUMULATION TRAITS AND INDUCED ANTIOXIDANT CAPACITY IN 'SEOUL' LETTUCE IN HYDROPONICS. 2001 , 491-496	
1201	Plasma and gastric tissue selenium levels in patients with Helicobacter pylori infection. 2001 , 32, 405-8	15
1200	Striped dolphin detoxicates mercury as insoluble Hg(S, Se) in the liver. 2001 , 77, 178-183	20
1199	Selenium regulation of transcript abundance and translational efficiency of glutathione peroxidase-1 and -4 in rat liver. 2001 , 357, 851-8	72
1198	Comparative impacts of glutathione peroxidase-1 gene knockout on oxidative stress induced by reactive oxygen and nitrogen species in mouse hepatocytes. 2001 , 359, 687-95	14
1197	Selenium regulation of transcript abundance and translational efficiency of glutathione peroxidase-1 and -4 in rat liver. 2001 , 357, 851-858	110
1196	Comparative impacts of glutathione peroxidase-1 gene knockout on oxidative stress induced by reactive oxygen and nitrogen species in mouse hepatocytes. 2001 , 359, 687-695	25
1195	Antioxidant vitamins and enzymatic and synthetic oxygen-derived free radical scavengers in the prevention and treatment of cardiovascular disease. 2001 , 3, 28-45	33
1194	The glutathione peroxidases. 2000 , 57, 1825-35	624
1193	Purification, crystallization and preliminary crystallographic investigations of selenium-containing phycocyanin from selenium-rich algae (Spirulina platensis). 2001 , 44, 337-44	4
1192	Assessment of serum selenium levels in 2-month-old sucking calves using total reflection X-ray fluorescence technique. 2001 , 56, 2181-2186	4
1191	The effect of the selenomorpholine derivatives on the growth of Staphylococcus aureus studied by microcalorimetry. 2001 , 375, 109-113	18
1190	Determination of selenomethionine by high performance liquid chromatography-direct hydride generation-atomic absorption spectrometry. 2001 , 69, 179-187	11
1189	Glutathione peroxidase activity and selenoprotein W levels in different brain regions of selenium-depleted rats(1). 2001 , 12, 88-94	33
1188	Effect of DL-alpha-lipoic acid on the status of lipid peroxidation and antioxidants in mitochondria of aged rats. 2001 , 12, 2-6	31

1187	Aluminium phosphide exposure: implications on rat brain lipid peroxidation and antioxidant defence system. 2001 , 89, 315-9	62
1186	Diphenyl diselenide and ascorbic acid changes deposition of selenium and ascorbic acid in liver and brain of mice. 2001 , 88, 119-25	344
1185	Protective role of Bacopa monniera on morphine induced hepatotoxicity in rats. 2001 , 15, 643-5	61
1184	Chemopreventive efficacy of selenium against N-nitrosodiethylamine-induced hepatoma in albino rats. 2001 , 19, 265-71	44
1183	Distinctive features in the SelB family of elongation factors for selenoprotein synthesis. A glimpse of an evolutionary complexified translation apparatus. 2001 , 14, 5-10	15
1182	Glutathione peroxidase-1 gene knockout on body antioxidant defense in mice. 2001 , 14, 93-9	45
1181	Selenium: a key element that controls NF-kappa B activation and I kappa B alpha half life. 2001 , 14, 117-25	62
1180	Selenium and signal transduction: roads to cell death and anti-tumour activity. 2001 , 14, 127-33	35
1179	Experimental myocardial necrosis in rats: role of arjunolic acid on platelet aggregation, coagulation and antioxidant status. 2001 , 224, 135-42	84
1178	Antioxidative and growth-promoting effect of selenium on senescing lettuce. 2001 , 237, 55-61	338
1177	Adenosine triphosphate alters the selenite-induced contracture and negative inotropic effect on cardiac muscle contractions. 2001 , 79, 235-45	4
1176	Kinetic analyses of mitochondrial ⁷⁵ selenium uptake in Trigonella foenum-graecum seedlings exposed to selenium and mimosine. 2001 , 79, 271-85	2
1175	Status of selenium and antioxidant enzymes of goitrous children is lower than healthy controls and nongoitrous children with high iodine deficiency. 2001 , 82, 35-52	17
1174	Selenium and glutathione levels, and glutathione peroxidase activities in blood components of uremic patients on hemodialysis supplemented with selenium and treated with erythropoietin. 2001 , 15, 201-8	23
1173	Protective role of L-carnitine on liver and heart lipid peroxidation in atherosclerotic rats. 2001 , 12, 254-257	47
1172	Blood selenium and glutathione peroxidases in miscarriage. 2001 , 108, 244-7	18
1171	Antioxidant enzyme families in parasitic nematodes. 2001 , 114, 129-42	150
1170	Diphenyl diselenide and diphenyl ditelluride affect the rat glutamatergic system in vitro and in vivo. 2001 , 906, 157-63	105

1169	DNA damage from micronutrient deficiencies is likely to be a major cause of cancer. 2001 , 475, 7-20	378
1168	The protective role of selenium on genetic damage and on cancer. 2001 , 475, 123-39	250
1167	Hepatoprotective effect of luteol and luteol linoleate on tissue antioxidant defence system in cadmium-induced hepatotoxicity in rats. 2001 , 72, 516-23	122
1166	Prevention of 4-nitroquinoline 1-oxide-induced rat tongue carcinogenesis by garlic. 2001 , 72, 524-31	18
1165	Chemopreventive efficacy of lycopene on 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. 2001 , 72, 865-74	84
1164	Effect of <i>Spirulina fusiformis</i> on cyclophosphamide and mitomycin-C induced genotoxicity and oxidative stress in mice. 2001 , 72, 906-11	64
1163	Lipopolysaccharide and interferon-gamma-induced nitric oxide production and protein oxidation in mouse peritoneal macrophages are affected by glutathione peroxidase-1 gene knockout. 2001 , 31, 450-9	16
1162	Coffee enhances the development of 7,12-dimethylbenz[a]anthracene (DMBA)-induced hamster buccal pouch carcinomas. 2001 , 37, 172-6	5
1161	Effects of prenatal source and level of dietary selenium on passive immunity and thermometabolism of newborn lambs. 2001 , 40, 129-138	80
1160	Lipid peroxidation as a possible secondary mechanism of sterigmatocystin toxicity. 2001 , 20, 398-403	28
1159	Identification of a specific sperm nuclei selenoenzyme necessary for protamine thiol cross-linking during sperm maturation. 2001 , 15, 1236-1238	197
1158	Antioxidants and antitumour properties. 2001 , 100-123	2
1157	Reduced glutathione system: role in cancer development, prevention and treatment (review). 2001 , 19, 221-36	22
1156	Impact of selenium and cancer-prevention findings on the nutrition-health paradigm. 2001 , 40, 6-11	71
1155	Relationship between mineral and trace element concentrations in drinking water and gastric cancer mortality in Japan. 2001 , 40, 99-102	15
1154	The putative glutathione peroxidase gene of <i>Plasmodium falciparum</i> codes for a thioredoxin peroxidase. 2001 , 276, 7397-403	133
1153	Micronutrient status and glutathione peroxidase in bedridden patients on tube feeding. 2001 , 29, 181-8	12
1152	Opposite roles of selenium-dependent glutathione peroxidase-1 in superoxide generator diquat- and peroxynitrite-induced apoptosis and signaling. 2001 , 276, 43004-9	81

1151	Immunohistochemical detection of human gastrointestinal glutathione peroxidase in normal tissues and cultured cells with novel mouse monoclonal antibodies. 2001 , 49, 759-66	18
1150	Use of stable isotopes and mathematical modelling to investigate human mineral metabolism. 2001 , 14, 295-316	14
1149	Oxidative DNA base damage, antioxidant enzyme activities and selenium status in highly iodine-deficient goitrous children. 2002 , 36, 55-62	20
1148	Influence of Piper beetle on hepatic marker enzymes and tissue antioxidant status in ethanol-treated Wistar rats. 2002 , 5, 197-204	39
1147	Selenium and the regulation of cell signaling, growth, and survival: molecular and mechanistic aspects. 2002 , 4, 339-51	108
1146	Interactions of selenium, vitamin E, and vitamin C in atherosclerosis. 2002 , 337-348	0
1145	Antidiabetic Activity of Cassia auriculata Flowers: Effect on Lipid Peroxidation in Streptozotocin Diabetes Rats. 2002 , 40, 512-517	14
1144	Mitigation of free radical toxicity in hyperoxaluric condition by a novel derivative eicosapentaenoate-lipoate. 2002 , 21, 153-8	5
1143	Effects of ascorbic acid and alpha-tocopherol on arsenic-induced oxidative stress. 2002 , 21, 675-80	108
1142	Some Functions of the Essential Trace Element, Selenium. 2002 , 831-836	
1141	Selenium-containing proteins in mammals and other forms of life. 2002 , 145, 1-46	50
1140	Control of Gene Expression of Glutathione Peroxidase-1 and Other Selenoproteins in Rats and Cultured Cells. 2002 , 21-27	
1139	Extracellular glutathione peroxidase is secreted basolaterally by human renal proximal tubule cells. 2002 , 283, F20-8	69
1138	Bioavailability of selenium in the defatted dark muscle of tuna. 2002 , 19, 990-5	18
1137	A selenoprotein in the plant kingdom. Mass spectrometry confirms that an opal codon (UGA) encodes selenocysteine in <i>Chlamydomonas reinhardtii</i> glutathione peroxidase. 2002 , 277, 25983-91	131
1136	The effect of dietary selenium source and level on the uptake of selenium by developing chick embryos. 2002 , 81, 1548-54	65
1135	Prevention of N-methyl-N'-nitro-N-nitrosoguanidine and saturated sodium chloride-induced gastric carcinogenesis in Wistar rats by lycopene. 2002 , 11, 19-26	46
1134	Changes in activities of enzymes in erythrocytes from ddY mice supplemented with dietary selenium. 2002 , 51, 517-9	3

1133	Protein factors mediating selenoprotein synthesis. 2002 , 3, 143-51	44
1132	Selenoprotein biosynthesis: purification and assay of components involved in selenocysteine biosynthesis and insertion in <i>Escherichia coli</i> . 2002 , 347, 3-16	27
1131	Selenoprotein W. 2002 , 347, 179-87	8
1130	Selenium Speciation in Soils and Plants. 2002 , 339-354	7
1129	Synthesis and Characterization of O,O-Dialkyl and Alkylene Dithiophosphoric Acid Adducts of Diphenyl Diselenide. 2002 , 177, 577-586	1
1128	Assessment of selenium bioavailability from high-selenium spirulina subfractions in selenium-deficient rats. 2002 , 50, 3867-73	26
1127	Discoveries of vitamin B12 and selenium enzymes. 2002 , 71, 1-16	50
1126	Bis-1,7-(2-hydroxyphenyl)-hepta-1,6-diene-3,5-dione (a curcumin analog) ameliorates DMH-induced hepatic oxidative stress during colon carcinogenesis. 2002 , 46, 39-45	58
1125	Vitamin E and selenium administration as a modulator of antioxidant defense system: biochemical assessment and modification. 2002 , 86, 55-64	31
1124	In vivo antioxidant role of glutathione peroxidase: evidence from knockout mice. 2002 , 347, 213-25	44
1123	Effect of L-carnitine on brain lipid peroxidation and antioxidant enzymes in old rats. 2002 , 57, B134-7	70
1122	AIDS in Africa. 2002 ,	23
1121	QUALITY OF ANIMAL AND HUMAN LIFE AS AFFECTED BY SELENIUM MANAGEMENT OF SOILS AND CROPS. 2002 , 33, 2537-2555	30
1120	Tissue lipid peroxidation and antioxidant status in patients with adenocarcinoma of the breast. 2002 , 325, 165-70	79
1119	Investigation of selenium content of eggs sampled from three major commercial cities along the lower reaches of the Changjiang River. 2002 , 72, 7-9	5
1118	Selenium toxicity: cause and effects in aquatic birds. 2002 , 57, 27-37	175
1117	Gastroprotective effect of fenugreek seeds (<i>Trigonella foenum graecum</i>) on experimental gastric ulcer in rats. 2002 , 81, 393-7	97
1116	Selenium Metabolism in Patients on Continuous Ambulatory Peritoneal Dialysis. 2002 , 22, 400-404	11

1115	Nutrient requirements for preterm infant formulas. 2002 , 132, 1395S-577S	246
1114	Antioxidant potential of a novel tetrapeptide derivative in isoproterenol-induced myocardial necrosis in rats. 2002 , 65, 103-9	8
1113	Trypanosoma cruzi: host selenium deficiency leads to higher mortality but similar parasitemia in mice. 2002 , 101, 193-9	27
1112	Selenium in soil and endemic diseases in China. 2002 , 284, 227-35	282
1111	Antioxidant effect of Phaseolus vulgaris in streptozotocin-induced diabetic rats. 2002 , 11, 206-9	71
1110	Metformin improves liver antioxidant potential in rats fed a high-fructose diet. 2002 , 11, 319-22	23
1109	Selenium, an antioxidant nutrient. 2002 , 5, 75-9	187
1108	Antiperoxidative effects of lycopene during N-methyl-N'-nitro-N-nitrosoguanidine-induced gastric carcinogenesis. 2002 , 73, 604-11	34
1107	Effect of DL-alpha-lipoic acid on the status of lipid peroxidation and antioxidant enzymes in various brain regions of aged rats. 2002 , 37, 803-11	78
1106	Involvement of reactive oxygen species in arsenite-induced downregulation of phospholipid hydroperoxide glutathione peroxidase in human epidermoid carcinoma A431 cells. 2002 , 33, 864-73	43
1105	Effects of alpha-ketoglutarate on antioxidants and lipid peroxidation products in rats treated with ammonium acetate. 2002 , 18, 747-50	48
1104	Hollow Sphere Selenium Nanoparticles: Their In-Vitro Anti Hydroxyl Radical Effect. 2002 , 14, 290-293	194
1103	Selenium in the neonate. 2002 , 69, 443-6	8
1102	Antioxidant activity of curculigo orchioides in carbon tetrachloride-induced hepatopathy in rats. 2002 , 17, 80-7	60
1101	Inhibition of arachidonate metabolism in human epidermoid carcinoma a431 cells overexpressing phospholipid hydroperoxide glutathione peroxidase. 2002 , 9, 453-9	10
1100	Lipoic acid in combination with a chelator ameliorates lead-induced peroxidative damages in rat kidney. 2002 , 76, 437-41	33
1099	Effects of selenium deficiency in the development of trypanosomes and humoral immune responses in mice infected with Trypanosoma musculi. 2002 , 88, 540-5	13
1098	The effect of excimer laser keratectomy on corneal glutathione peroxidase activities and aqueous humor selenium levels in rabbits. 2002 , 240, 499-502	6

1097	Distribution of an 18 kDa-selenoprotein in several tissues of the rat. 2002 , 16, 57-62	7
1096	The effect of glutathione monoester (GME) on glutathione (GSH) depleted rat liver. 2002 , 13, 302-306	21
1095	Can diet affect prostate cancer?. 2002 , 89, 250-4	6
1094	Dietary factors in lipofuscinogenesis and ceroidogenesis. 2002 , 34, 319-27	5
1093	Antioxidant profile in the circulation of patients with fibroadenoma and adenocarcinoma of the breast. 2002 , 35, 275-9	98
1092	Oxidant-antioxidant status in patients with oral squamous cell carcinomas at different intraoral sites. 2002 , 35, 489-93	57
1091	Circulating lipid peroxidation and antioxidant status in cervical cancer patients: a case-control study. 2002 , 35, 621-5	55
1090	Role of alpha class glutathione S-transferases as antioxidant enzymes in rodent tissues. 2002 , 182, 105-15	63
1089	Trends in selenium biochemistry. 2002 , 19, 693-718	361
1088	Efficacy of turmeric on blood sugar and polyol pathway in diabetic albino rats. 2002 , 57, 41-52	223
1087	A novel peptide derivative exhibits anti inflammatory and antioxidant activity in adjuvant induced arthritis in rats. 2002 , 229, 9-17	15
1086	Effects of dietary iron overload on glutathione peroxidase knockout mice. 2002 , 88, 79-85	1
1085	Toxic concentrations of selenite shortens repolarization phase of action potential in rat papillary muscle. 2002 , 89, 227-38	8
1084	Inhibitory effect of selenium on <i>Cryptosporidium parvum</i> infection in vitro and in vivo. 2002 , 90, 261-72	25
1083	Dietary selenium levels determine epidermal langerhans cell numbers in mice. 2003 , 92, 161-72	12
1082	Kinetics of the action of three selenides on <i>Staphylococcus aureus</i> growth as studied by microcalorimetry. 2003 , 92, 181-8	5
1081	Sodium selenate partially corrects impaired functional responses in detrusor muscle in streptozotocin-induced diabetic rats. 2003 , 93, 171-88	3
1080	Evaluation of the effect of lipoic acid administered along with gentamicin in rats rendered bacteremic. 2003 , 248, 35-40	8

1079	Protective effect of lipoic acid on adriamycin induced lipid peroxidation in rat kidney. 2003 , 247, 9-13	13
1078	Transport kinetics of zinc, copper, selenium, and iron in perfused human placental lobule in vitro. 2003 , 252, 91-6	16
1077	Salubrious effect of low molecular weight heparin on atherogenic diet-induced cardiac, hepatic and renal lipid peroxidation and collapse of antioxidant defences. 2003 , 254, 111-6	25
1076	Garlic modulates lipid peroxidation and antioxidant status during N-Nitrosodiethylamine-induced hepatic tumorigenesis. 2003 , 58, 1-8	2
1075	The antioxidant responsive element (ARE) may explain the protective effects of cruciferous vegetables on cancer. 2003 , 61, 250-4	31
1074	Synergistic effect of Nicorandil and Amlodipine on tissue defense system during experimental myocardial infarction in rats. 2003 , 243, 133-8	37
1073	Oxidative stress and gene expression of antioxidant enzymes in the renal cortex of streptozotocin-induced diabetic rats. 2003 , 243, 147-52	113
1072	Preventive effects of <i>Cassia auriculata</i> L. flowers on brain lipid peroxidation in rats treated with streptozotocin. 2003 , 243, 23-8	62
1071	Lipid peroxidation in erythrocytes of patients with type 2 diabetes mellitus. 2003 , 18, 71-4	19
1070	Identification of an endogenous inhibitor of arachidonate metabolism in human epidermoid carcinoma A431 cells. 2003 , 10, 599-606	7
1069	Effects of dietary thermoxidized fats on expression and activities of hepatic lipogenic enzymes in rats. 2003 , 38, 31-8	37
1068	Comparative effect of benzanthrone and 3-bromobenzanthrone on hepatic xenobiotic metabolism and anti-oxidative defense system in guinea pigs. 2003 , 77, 94-9	8
1067	Selenium content in the pilchard of the Adriatic Sea. 2003 , 217, 154-156	4
1066	A study on soluble intercellular adhesion molecule-1 and selenium in patients with rheumatoid arthritis complicated by vasculitis. 2003 , 22, 414-9	22
1065	Serum selenium level and glutathione peroxidase activity in steroid-sensitive nephrotic syndrome. 2003 , 18, 1063-5	9
1064	Food restriction attenuates blood lipid peroxidation in carbon tetrachloride-intoxicated rats. 2003 , 19, 358-62	12
1063	The role of essential trace elements in embryonic and fetal development in livestock. 2003 , 166, 125-39	109
1062	Cytoprotective effect of piperine against benzo[a]pyrene induced lung cancer with reference to lipid peroxidation and antioxidant system in Swiss albino mice. 2003 , 74, 109-15	116

1061	Anti-oxidant activity of <i>Centella asiatica</i> on lymphoma-bearing mice. 2003 , 74, 431-4	68
1060	Impacts of glutathione peroxidase-1 knockout on the protection by injected selenium against the pro-oxidant-induced liver aponecrosis and signaling in selenium-deficient mice. 2003 , 34, 918-27	41
1059	The cytoprotective role of a low-molecular-weight heparin fragment studied in an experimental model of glomerulotoxicity. 2003 , 478, 199-205	23
1058	Protective effect of low molecular weight heparin on oxidative injury and cellular abnormalities in adriamycin-induced cardiac and hepatic toxicity. 2003 , 146, 201-10	55
1057	Serum sample levels of selenium and copper in healthy volunteers living in Rio de Janeiro city. 2003 , 301, 51-4	28
1056	A processed short transcript of <i>Leishmania</i> , ODD1. 2003 , 127, 205-8	5
1055	Determination of glutathione peroxidase activity in human milk. 2003 , 47, 430-3	7
1054	Glutathione peroxidase isoforms as part of the local antioxidative defense system in normal and Barrett's esophagus. 2003 , 105, 300-4	46
1053	Sodium selenite, dietary micronutrient, prevents the lymphocyte DNA damage induced by N-nitrosodiethylamine and phenobarbital promoted experimental hepatocarcinogenesis. 2003 , 88, 578-88	30
1052	Skeletal muscle disorders associated with selenium deficiency in humans. 2003 , 27, 662-8	99
1051	Effect of sodium selenite on lipids and lipid-metabolizing enzymes in N-nitrosodiethylamine-induced hepatoma-bearing rats. 2003 , 16, 1-15	4
1050	Organochalcogens effects on delta-aminolevulinate dehydratase activity from human erythrocytic cells in vitro. 2003 , 191, 169-78	74
1049	Sex, age, geographical location, smoking, and alcohol consumption influence serum selenium concentrations in the USA: third National Health and Nutrition Examination Survey, 1988-1994. 2003 , 17, 13-8	83
1048	A selenium-containing single-chain abzyme with potent antioxidant activity. 2003 , 270, 4326-31	6
1047	Determination of the selenium requirement in kittens. 2003 , 87, 315-23	8
1046	Protective effect of fenugreek (<i>Trigonella foenum graecum</i>) seeds in experimental ethanol toxicity. 2003 , 17, 737-43	89
1045	Protective effects of saffron (<i>Crocus sativus</i> Linn.) on genotoxins-induced oxidative stress in Swiss albino mice. 2003 , 17, 614-7	93
1044	Essentiality and toxicity of selenium and its status in Australia: a review. 2003 , 137, 103-10	261

1043	The Water-Water Cycle in Algae. 2003 , 183-204	16
1042	Role of leptin on alcohol-induced oxidative stress in Swiss mice. 2003 , 47, 211-6	65
1041	Purification and characterization of glutathione reductase from bovine erythrocytes. 2003 , 33, 283-300	25
1040	Effect of selenium on the yield and quality of green tea leaves harvested in early spring. 2003 , 51, 3379-81	86
1039	Effect of selenium on increasing the antioxidant activity of tea leaves harvested during the early spring tea producing season. 2003 , 51, 1081-4	62
1038	Effect of dietary selenite on N-nitrosodiethylamine-induced and phenobarbital promoted multistage hepatocarcinogenesis in rat: reflection in some minerals. 2003 , 57, 416-21	9
1037	Oxidant-antioxidant status in oral precancer and oral cancer patients. 2003 , 13, 77-81	17
1036	Mechanism and regulation of selenoprotein synthesis. 2003 , 23, 17-40	307
1035	Dose-response effects of tomato lycopene on lipid peroxidation and enzymic antioxidants in the hamster buccal pouch carcinogenesis model. 2003 , 23, 1403-1416	11
1034	The role of nutrition in preventing prostate cancer: a review of the proposed mechanism of action of various dietary substances. 2003 , 330, 57-83	119
1033	Effect of increased dietary selenium intake on blood and cardiac selenium status during aging in rats. 2003 , 23, 239-243	4
1032	Selenium effects on oxidative stress in potato. 2003 , 165, 311-319	142
1031	In vitro effect of methanol on folate-deficient rat hepatocytes. 2003 , 71, 87-91	24
1030	Effect of <i>Coccinia indica</i> leaves on antioxidant status in streptozotocin-induced diabetic rats. 2003 , 84, 163-8	63
1029	Free radical scavenging activity of the alcoholic extract of <i>Trewia polycarpa</i> roots in arthritic rats. 2003 , 88, 51-6	25
1028	Hypoglycaemic effect of water extracts of <i>Aegle marmelos</i> fruits in streptozotocin diabetic rats. 2003 , 87, 207-10	95
1027	Combined efficacies of lipoic acid and meso-2,3-dimercaptosuccinic acid on lead-induced erythrocyte membrane lipid peroxidation and antioxidant status in rats. 2003 , 22, 183-92	42
1026	Antioxidant action of <i>Moringa oleifera</i> Lam. (drumstick) against antitubercular drugs induced lipid peroxidation in rats. 2003 , 6, 255-9	48

1025	Stabilization of membrane bound enzyme profiles by sodium selenite in N-nitrosodiethylamine induced and phenobarbital promoted hepatocarcinogenesis in rats. 2003 , 57, 117-23	11
1024	The antioxidant role of selenium and seleno-compounds. 2003 , 57, 134-44	510
1023	Evaluation of the fluidity and functionality of the renal cortical brush border membrane in experimental diabetes in rats. 2003 , 35, 1163-9	11
1022	The nutritional significance, metabolism and toxicology of selenomethionine. 2003 , 47, 73-112	200
1021	The Minerals. 2003 , 259-308	30
1020	Effects of levocarnitine on mitochondrial antioxidant systems and oxidative stress in aged rats. 2003 , 4, 141-7	34
1019	Dose-dependent protection by tomato against 7,12-dimethylbenz[a]anthracene-induced genotoxicity and oxidative stress in mice. 2003 , 6, 169-73	14
1018	Effect of Piper betle leaf extract on alcoholic toxicity in the rat brain. 2003 , 6, 261-5	37
1017	Sequential Changes in the Cellular Redox State During 7,12-Dimethylbenz[a]anthracene-Induced Carcinogenesis in the Hamster Buccal Pouch. 2003 , 13, 227-34	3
1016	Prospective study of selenium levels in toenails and risk of coronary heart disease in men. 2003 , 158, 852-60	41
1015	The Hot and the Classic. 2003 , 133, 14-15	19
1014	Effects of a six month treatment with selenomethionine in patients with autoimmune thyroiditis. 2003 , 148, 389-93	159
1013	Selenium composition of cereal-containing infant formulas: assessment of dietary intake status. 2003 , 54, 175-80	
1012	Modulation of the chymotrypsin-like activity of the 20S proteasome by intracellular redox status: effects of glutathione peroxidase-1 overexpression and antioxidant drugs. 2003 , 384, 589-95	18
1011	Selenium supplementation enhances low selenium levels and stimulates glutathione peroxidase activity in peripheral blood and distal colon mucosa in past and present carriers of colon adenomas. 2003 , 46, 125-30	25
1010	Modulatory effect of Scoparia dulcis in oxidative stress-induced lipid peroxidation in streptozotocin diabetic rats. 2003 , 6, 379-86	29
1009	Association of selenium with thyroid volume and echostructure in 35- to 60-year-old French adults. 2003 , 148, 309-15	94
1008	Depletion of phospholipid hydroperoxide glutathione peroxidase up-regulates arachidonate metabolism by 12S-lipoxygenase and cyclooxygenase 1 in human epidermoid carcinoma A431 cells. 2003 , 17, 1694-6	26

1007	Favourable influence of low molecular weight heparin in mitigating the peroxidative membrane damage induced by a cytotoxic agent and an atherogenic diet. 2003 , 22, 229-35	10
1006	Protective role of DLalpha-lipoic acid against adriamycin-induced cardiac lipid peroxidation. 2003 , 22, 249-54	17
1005	Chemoprevention of prostate cancer by diet-derived antioxidant agents and hormonal manipulation (Review). 2003 , 22, 5	5
1004	Role of antioxidant nutrients and lipid peroxidation in premature infants with respiratory distress syndrome and bronchopulmonary dysplasia. 2003 , 20, 97-107	37
1003	Towards more efficient glutathione peroxidase mimics: substrate recognition and catalytic group assembly. 2003 , 10, 1151-83	65
1002	Chemoprotection against N-methyl-n'-nitro-N-nitrosoguanidine-induced oxidative stress by s-allylcysteine, a garlic constituent, in wistar rats. 2003 , 13, 83-7	1
1001	Prophylactic effect of lipoic acid against adriamycin-induced peroxidative damages in rat kidney. 2003 , 25, 367-77	3
1000	Low levels of glutathione peroxidase 1 activity in selenium-deficient mouse liver affect c-Jun N-terminal kinase activation and p53 phosphorylation on Ser-15 in pro-oxidant-induced apoptosis. 2003 , 370, 927-34	52
999	Isotope dilution analysis of selenite and selenate in natural water using microwave-induced nitrogen plasma mass spectrometry. 2003 , 19, 1359-63	11
998	Selenium deficiency in a patient with Crohn's disease receiving long-term total parenteral nutrition. 2003 , 42, 154-7	25
997	Selenoprotein metabolism and function: evidence for more than one function for selenoprotein P. 2003 , 133, 1517S-20S	191
996	Absorption, distribution and excretion of selenium from beef and rice in healthy North American men. 2003 , 133, 3434-42	35
995	Role of copper, zinc, selenium and tellurium in the cellular defense against oxidative and nitrosative stress. 2003 , 133, 1448S-51S	198
994	A short history of nutritional science: part 4 (1945-1985). 2003 , 133, 3331-42	51
993	Cancer chemoprevention drug targets. 2003 , 4, 45-54	31
992	Taurine prevents Ibuprofen-induced gastric mucosal lesions and influences endogenous antioxidant status of stomach in rats. 2004 , 4, 1046-54	10
991	. 2004 ,	49
990	The neurobiology of selenium: lessons from transgenic mice. 2004 , 134, 707-10	79

989	Tomato and garlic by gavage modulate 7,12-dimethylbenz[a]anthracene-induced genotoxicity and oxidative stress in mice. 2004 , 37, 1029-34	24
988	Effect of Se on selenoprotein activity and thyroid hormone metabolism in beef and dairy cows and calves. 2004 , 82, 2995-3005	40
987	Effect of an aqueous extract of <i>Scoparia dulcis</i> on blood glucose, plasma insulin and some polyol pathway enzymes in experimental rat diabetes. 2004 , 37, 577-86	58
986	Effect of <i>Asteracantha longifolia</i> on Liver Antioxidant Defense System during Acetaminophen-Induced Hepatic Damage in Rats. 2004 , 34, 89-94	
985	Selenoprotein mRNA is expressed in blood at levels comparable to major tissues in rats. 2004 , 134, 2640-5	25
984	Apoptosis is a critical cellular event in cancer chemoprevention and chemotherapy by selenium compounds. 2004 , 4, 13-28	210
983	Antioxidant efficacy of black pepper (<i>Piper nigrum</i> L.) and piperine in rats with high fat diet induced oxidative stress. 2004 , 9, 105-10	197
982	Alteration of cellular phenotype and responses to oxidative stress by manganese superoxide dismutase and a superoxide dismutase mimic in RWPE-2 human prostate adenocarcinoma cells. 2004 , 6, 513-22	35
981	Selenium metabolites in urine: a critical overview of past work and current status. 2004 , 50, 2240-53	127
980	Preischemic selenium status as a major determinant of myocardial infarct size in vivo in rats. 2004 , 6, 792-6	31
979	Effect of lipoic acid on the oxidoreductive status of red blood cells in rats subject to oxidative stress by chronic administration of adriamycin. 2004 , 23, 129-35	11
978	Expression profiling and genetic alterations of the selenoproteins GI-GPx and SePP in colorectal carcinogenesis. 2004 , 48, 6-14	99
977	Antidiabetic and Anti-oxidant Activity of <i>Aegle marmelos</i> Extract in Streptozotocin-Induced Diabetic Rats. 2004 , 42, 125-130	30
976	Development of insulin resistance and obesity in mice overexpressing cellular glutathione peroxidase. 2004 , 101, 8852-7	394
975	Molecular actions of selenium in the brain: neuroprotective mechanisms of an essential trace element. 2004 , 15, 19-32	33
974	Selenium-containing 15-mer peptides with high glutathione peroxidase-like activity. 2004 , 279, 37235-40	35
973	Effects of aqueous extracts of garlic (<i>Allium sativum</i>) and neem (<i>Azadirachta indica</i>) leaf on hepatic and blood oxidant-antioxidant status during experimental gastric carcinogenesis. 2004 , 7, 334-9	18
972	Protective effect of <i>Emblca officinalis</i> ethanolic extract against 7,12-dimethylbenz(a) anthracene (DMBA) induced genotoxicity in Swiss albino mice. 2004 , 23, 527-31	24

971	Selenium concentrations in pancreatic juice of patients with chronic pancreatitis. 2004 , 28, 339-41	4
970	The selenium requirement of the puppy. 2004 , 88, 340-7	14
969	Selenium status and GSH-Px activity in semen and blood of boars at different ages used for artificial insemination. 2004 , 39, 309-14	13
968	Influence of a thiazole derivative on ethanol and thermally oxidized sunflower oil-induced oxidative stress. 2004 , 18, 565-71	9
967	Making sense of sex and supplements: differences in the anticarcinogenic effects of selenium in men and women. 2004 , 551, 91-107	48
966	Mechanisms of mammary cancer chemoprevention by organoselenium compounds. 2004 , 551, 181-97	138
965	Modulatory effects of <i>Gymnema montanum</i> leaf extract on alloxan-induced oxidative stress in Wistar rats. 2004 , 20, 280-5	68
964	Protective effect of tomato against N-methyl-N'-nitro-N-nitrosoguanidine-induced in vivo clastogenicity and oxidative stress. 2004 , 20, 812-6	13
963	Protective effect of DL-alpha-lipoic acid in cyclophosphamide induced oxidative injury in rat testis. 2004 , 19, 163-7	64
962	Effects of Vitamin C and E on PCB (Aroclor 1254) induced oxidative stress, androgen binding protein and lactate in rat Sertoli cells. 2004 , 19, 201-8	83
961	Environmental hypothesis: is poor dietary selenium intake an underlying factor for arsenicosis and cancer in Bangladesh and West Bengal, India?. 2004 , 323, 21-32	107
960	L-carnitine and DL-alpha-lipoic acid reverse the age-related deficit in glutathione redox state in skeletal muscle and heart tissues. 2004 , 125, 507-12	42
959	Sublethal effect of naphthalene on lipid peroxidation and antioxidant status in the edible marine crab <i>Scylla serrata</i> . 2004 , 48, 429-33	85
958	Protective role of Apigenin on the status of lipid peroxidation and antioxidant defense against hepatocarcinogenesis in Wistar albino rats. 2004 , 11, 309-14	118
957	No evidence for an impact of selenium supplementation on environment associated health disorders--a systematic review. 2004 , 207, 1-13	32
956	Protective role of <i>Scoparia dulcis</i> plant extract on brain antioxidant status and lipidperoxidation in STZ diabetic male Wistar rats. 2004 , 4, 16	77
955	Protective effect of <i>Spirulina fusiformis</i> on chemical-induced genotoxicity in mice. 2004 , 75, 24-31	44
954	Protective effect of macrocyclic binuclear oxovanadium complex on oxidative stress in pancreas of streptozotocin induced diabetic rats. 2004 , 149, 9-21	35

953	Protective effect of DL-alpha-lipoic acid on cyclophosphamide induced oxidative cardiac injury. 2004 , 151, 13-9	74
952	Maternal selenium deficiency increases hydrogen peroxide and total lipid peroxides in porcine fetal liver. 2004 , 97, 43-56	16
951	Remedial effect of DL-alpha-lipoic acid against adriamycin induced testicular lipid peroxidation. 2004 , 267, 209-14	40
950	Interactions between selenium and iodine uptake by spinach (<i>Spinacia oleracea</i> L.) in solution culture. 2004 , 261, 99-105	42
949	⁷⁷ Se NMR Spectroscopy and Its Applications in Chemistry. 2004 , 105-166	66
948	Taurine restores ethanol-induced depletion of antioxidants and attenuates oxidative stress in rat tissues. 2004 , 27, 91-6	84
947	Nonsynergistic effects of trimetazidine and selenium combination therapy on renal ischemic-reperfusion injury in rats. 2004 , 21, 47-60	4
946	Antioxidant effect of methanolic extract of <i>Solanum nigrum</i> berries on aspirin induced gastric mucosal injury. 2004 , 19, 57-61	25
945	Evaluation of antioxidant properties of berries. 2004 , 19, 103-10	21
944	Selective detection and identification of Se containing compounds--review and recent developments. 2004 , 1050, 85-93	76
943	Effect of fluoride intoxication on lipidperoxidation and antioxidant status in experimental rats. 2004 , 204, 219-28	150
942	Combined efficacies of lipoic acid and 2,3-dimercaptosuccinic acid against lead-induced lipid peroxidation in rat liver. 2004 , 15, 18-23	89
941	Ferulic acid alleviates lipid peroxidation in diabetic rats. 2004 , 18, 310-4	171
940	Selenium and selenoproteins in the brain and brain diseases. 2003 , 86, 1-12	297
939	Protective effects of the antioxidant selenium on quinolinic acid-induced neurotoxicity in rats: in vitro and in vivo studies. 2003 , 86, 479-88	85
938	Selenium. 2004 , 1365-1406	4
937	Interactions between N-acetylcysteine and sodium selenite in modulating the clastogenicity of urethane and 2-acetylaminofluorene in mice. 2004 , 108, 158-61	4
936	Protective effect of glycine supplementation on the levels of lipid peroxidation and antioxidant enzymes in the erythrocyte of rats with alcohol-induced liver injury. 2004 , 22, 123-8	35

935	Expedious synthesis of polyhydroxylated seleno and thia-heterocycles via Se and S-ring closure of dibromoalditols. 2004 , 60, 2889-2895	18
934	Antioxidant role of zinc in PCB (Aroclor 1254) exposed ventral prostate of albino rats. 2004 , 15, 608-13	26
933	Métabolisme du sélénium. 2004 , 1, 19-28	16
932	Experimental investigations and ab initio studies of selenium(II) dialkanethiolates, Se(SR) ₂ . 2004 , 3765-71	9
931	Selenomethionine stimulates MAPK (ERK) phosphorylation, protein oxidation, and DNA synthesis in gastric cancer cells. 2004 , 49, 184-90	11
930	Garlic Oil Enhances Hepatic and Blood Antioxidants During Hamster Buccal Pouch Carcinogenesis. 2004 , 42, 240-245	1
929	Protective effects of a mixture of dietary agents against 7,12-dimethylbenz[a]anthracene-induced genotoxicity and oxidative stress in mice. 2004 , 7, 55-60	9
928	SYNTHESIS OF O,O-DIPHENYL [SUBSTITUTED (2-SELENOMORPHOLIN-4-YL-ACETYL AMINO)] ALKYL PHOSPHONATES. 2004 , 179, 1065-1073	21
927	Selenium redox cycling in the protective effects of organoselenides against oxidant-induced DNA damage. 2004 , 126, 2409-13	61
926	Chemoprevention of Experimental Hamster Buccal Pouch Carcinogenesis by Garlic Oil. 2004 , 10, 89-101	1
925	Inhibition of nicotine-induced toxicity by curcumin and curcumin analog: a comparative study. 2004 , 7, 467-71	15
924	Effect of foliar application of selenium on the antioxidant activity of aqueous and ethanolic extracts of selenium-enriched rice. 2004 , 52, 1759-63	39
923	Systemic markers of the redox balance in chronic obstructive pulmonary disease. 2004 , 9, 461-9	49
922	Attenuation of chloroquine-induced renal damage by alpha-lipoic acid: possible antioxidant mechanism. 2004 , 26, 517-24	25
921	Redox status and lipid peroxidation in alcoholic hypertensive patients and alcoholic hypertensive patients with diabetes. 2004 , 340, 207-12	23
920	Effect of sodium molybdate on the status of lipids, lipid peroxidation and antioxidant systems in alloxan-induced diabetic rats. 2004 , 345, 93-8	46
919	Effect of macrocyclic binuclear oxovanadium complex on tissue defense system in streptozotocin-induced diabetic rats. 2004 , 345, 141-50	31
918	The effect of different dialysis membranes on oxidative stress and selenium status. 2004 , 346, 153-60	20

917	Oxidative stress and antioxidants in patients with cardiogenic shock complicating acute myocardial infarction. 2004 , 348, 131-7	54
916	Salubrious effect of C-phycoyanin against oxalate-mediated renal cell injury. 2004 , 348, 199-205	34
915	Linear furanocoumarin protects rat myocardium against lipidperoxidation and membrane damage during experimental myocardial injury. 2004 , 58, 393-400	43
914	Selenium and brain function: a poorly recognized liaison. 2004 , 45, 164-78	237
913	Effects of mercury and selenite on delta-aminolevulinate dehydratase activity and on selected oxidative stress parameters in rats. 2004 , 95, 166-73	41
912	Renal and hepatic ALA-D activity and selected oxidative stress parameters of rats exposed to inorganic mercury and organoselenium compounds. 2004 , 42, 17-28	78
911	Metabolism of selenomethionine by rainbow trout (<i>Oncorhynchus mykiss</i>) embryos can generate oxidative stress. 2004 , 58, 17-21	87
910	Modulation of rat erythrocyte antioxidant defense system by buthionine sulfoximine and its reversal by glutathione monoester therapy. 2004 , 1688, 121-9	17
909	Combination chemoprevention by tomato and garlic in the hamster buccal pouch carcinogenesis model. 2004 , 24, 133-146	16
908	Selenium levels of patients with newly diagnosed prostate cancer compared with control group. 2004 , 63, 912-6	28
907	Effect of <i>Eugenia Jambolana</i> seed kernel on antioxidant defense system in streptozotocin-induced diabetes in rats. 2004 , 75, 2717-31	96
906	Protective effect of <i>Centella asiatica</i> on antioxidant tissue defense system against adriamycin induced cardiomyopathy in rats. 2004 , 76, 585-97	61
905	Hepatoprotective effect of allicin on tissue defense system in galactosamine/endotoxin challenged rats. 2004 , 90, 151-4	40
904	Amrita Bindu--an antioxidant inducer therapy in asthma children. 2004 , 90, 105-14	12
903	Antihepatotoxic effect of <i>Nymphaea stellata</i> willd., against carbon tetrachloride-induced hepatic damage in albino rats. 2004 , 91, 61-4	76
902	Effect of garlic (<i>Allium sativum</i>) on lipid peroxidation in experimental myocardial infarction in rats. 2004 , 94, 155-8	95
901	Effects of selenium on altered mechanical and electrical cardiac activities of diabetic rat. 2004 , 426, 83-90	61
900	Curcumin modulates free radical quenching in myocardial ischaemia in rats. 2004 , 36, 1967-80	105

899	Cyclodextrin-derived diorganyl tellurides as glutathione peroxidase mimics and inhibitors of thioredoxin reductase and cancer cell growth. 2004 , 47, 233-9	122
898	Oxidative damage and altered antioxidant enzyme activities in the small intestine of streptozotocin-induced diabetic rats. 2004 , 36, 89-97	138
897	Organoselenium and organotellurium compounds: toxicology and pharmacology. 2004 , 104, 6255-85	1405
896	In vitro effect of low concentrations of oltipraz on the antioxidant defence of mouse hepatocytes and <i>Schistosoma mansoni</i> worms. 2004 , 61, 15-21	4
895	Effects of sodium selenate treatment on altered responses of left and right atria from streptozotocin-induced diabetic rats. 2004 , 44, 9-15	3
894	Selenium. 135-179	1
893	Penicillamine Selenotrisulfide as a Selenium-Source in Mice. 2004 , 50, 366-371	12
892	Hepatoprotective Nature of Seaweed Alcoholic Extract on Acetaminophen Induced Hepatic Oxidative Stress. 2004 , 50, 42-46	31
891	Protective effect of <i>Eugenia jambolana</i> seed kernel on tissue antioxidants in streptozotocin-induced diabetic rats. 2004 , 27, 1212-7	125
890	Evaluation of Vitamin E and Selenium Supplementation in Late Gestation on Lamb Survival and Pre-Weaning Growth1. 2004 , 20, 506-511	6
889	Effect of excess selenium supplementation on the glutathione redox system in broiler chicken. 2004 , 52, 403-11	21
888	SelenoproteinsRegulation. 2004 , 1-9	
887	Trace elements and electrolytes homeostasis and their relation to antioxidant enzyme activity in brain hyperexcitability of epileptic patients. 2004 , 96, 349-59	45
886	Blood levels of trace elements, electrolytes, and oxidative stress/antioxidant systems in epileptic patients. 2004 , 96, 465-73	114
885	Photo-irradiated curcumin supplementation in streptozotocin-induced diabetic rats: effect on lipid peroxidation. 2004 , 59, 639-44	26
884	Accumulation of selenium in natural plants and selenium supplemented vegetable and selenium speciation by HPLC-ICPMS. 2005 , 17, 63-73	35
883	34Se The Use of Selenium-Based Drugs in Medicine. 2005 , 313-332	5
882	Protective effect of <i>Acorus calamus</i> LINN on free radical scavengers and lipid peroxidation in discrete regions of brain against noise stress exposed rat. 2005 , 28, 2327-30	58

881	Chemoprevention of N-nitrosodiethylamine induced phenobarbitol promoted liver tumors in rat by extract of <i>Indigofera aspalathoides</i> . 2005 , 28, 364-6	27
880	Beneficial effects of <i>Momordica charantia</i> seeds in the treatment of STZ-induced diabetes in experimental rats. 2005 , 28, 978-83	75
879	Biogeochemistry of selenium and its impact on food chain quality and human health. 2005 , 18, 309-18	444
878	Selenium status as determinant of connexin-43 dephosphorylation in ex vivo ischemic/reperfused rat myocardium. 2005 , 19, 43-7	20
877	Chemical forms of selenium for cancer prevention. 2005 , 19, 141-50	138
876	Determination of selenium in biological samples by slurry sampling-electrothermal vaporization-in situ fusion-isotope dilution-microwave-induced nitrogen plasma mass spectrometry. 2005 , 60, 327-331	12
875	Brain regional responses in antioxidant system to alpha-lipoic acid in arsenic intoxicated rat. 2005 , 210, 25-36	113
874	Effect of diphenyl diselenide, diphenyl ditelluride and ebselen on cerebral Na(+), K(+)-ATPase activity in rats. 2005 , 215, 191-7	100
873	Short synthesis of hydroxylated thiolane and selenolane rings from mono-benzylated pentitols and aldoses dithioacetals bis-thionocarbonates as bis-electrophilic substrates. 2005 , 61, 6772-6781	5
872	Tellurium-based cysteine protease inhibitors: evaluation of novel organotellurium(IV) compounds as inhibitors of human cathepsin B. 2005 , 15, 755-60	89
871	Comparative evaluation of the chemopreventive efficacy of green and black tea polyphenols in the hamster buccal pouch carcinogenesis model. 2005 , 38, 879-86	37
870	Altered oxidant-antioxidant profile in canine mammary tumours. 2005 , 29, 287-96	24
869	Beneficial effects of selenium on some enzymes of diabetic rat heart. 2005 , 103, 207-16	28
868	Selenium status of idiopathic infertile Nigerian males. 2005 , 104, 9-18	26
867	Selenium treatment protects diabetes-induced biochemical and ultrastructural alterations in liver tissue. 2005 , 105, 135-50	26
866	Arsenic and selenium in human hair: a comparison of five countries with and without arsenicosis. 2005 , 106, 133-44	21
865	Significance of serum trace element status in patients with rheumatic heart disease: a prospective study. 2005 , 107, 1-10	14
864	Determination of selenium in Libyan food items using pseudocyclic instrumental neutron activation analysis. 2005 , 107, 61-72	12

- 863 New insights into the physiological actions of selenoproteins from genetically modified mice. **2005**, 57, 737-44 24
- 862 Selenoprotein P: an extracellular protein with unique physical characteristics and a role in selenium homeostasis. **2005**, 25, 215-35 45^o
- 861 Serum concentration of selenium in healthy individuals living in Tehran. **2005**, 4, 32 63
- 860 Ferulic acid, a natural protector against carbon tetrachloride-induced toxicity. **2005**, 19, 491-6 84
- 859 Chemopreventive efficacy and anti-lipid peroxidative potential of *Jasminum grandiflorum* Linn. on 7,12-dimethylbenz(a)anthracene-induced rat mammary carcinogenesis. **2005**, 19, 687-93 23
- 858 Possible contraindications and adverse reactions associated with the use of ocular nutritional supplements. **2005**, 25, 179-94 12
- 857 Selenium deficiency: report of a case. **2005**, 30, 346-8 28
- 856 Protective role of vitamin E on the oxidative stress in Hansen's disease (Leprosy) patients. **2005**, 59, 1121-8 29
- 855 Comparative effects of curcumin and an analogue of curcumin in carbon tetrachloride-induced hepatotoxicity in rats. **2005**, 97, 15-21 42
- 854 Pyridoxine attenuates chromium-induced oxidative stress in rat kidney. **2005**, 97, 58-60 9
- 853 Melatonin-selenium nanoparticles inhibit oxidative stress and protect against hepatic injury induced by *Bacillus Calmette-Guérin*/lipopolysaccharide in mice. **2005**, 39, 156-63 54
- 852 Melatonin-selenium nanoparticles protects liver against immunological injury induced by *bacillus Calmette-Guérin* and lipopolysaccharide. **2005**, 26, 745-52 13
- 851 Augmented efficacy of tamoxifen in rat breast tumorigenesis when gavaged along with riboflavin, niacin, and CoQ10: effects on lipid peroxidation and antioxidants in mitochondria. **2005**, 152, 49-58 51
- 850 Beneficial effects of DL-alpha-lipoic acid on cyclophosphamide-induced oxidative stress in mitochondrial fractions of rat testis. **2005**, 152, 59-66 48
- 849 Effect of *Solanum trilobatum* on the antioxidant status during diethyl nitrosamine induced and phenobarbital promoted hepatocarcinogenesis in rat. **2005**, 156, 113-23 32
- 848 Influence of selenium on heat shock protein 70 expression in heat stressed turkey embryos (*Meleagris gallopavo*). **2005**, 142, 427-32 23
- 847 Comparison of chemopreventive effects of Vitamin E plus selenium versus melatonin in 7,12-dimethylbenz(a)anthracene-induced mouse brain damage. **2005**, 29, 54-8 14
- 846 Emerging role of *Centella asiatica* in improving age-related neurological antioxidant status. **2005**, 40, 707-15 76

845	Age associated changes in erythrocyte membrane surface charge: Modulatory role of grape seed proanthocyanidins. 2005 , 40, 820-8	34
844	Seizure-induced oxidative stress in rat brain regions: blockade by nNOS inhibition. 2005 , 80, 263-72	39
843	The inhibitory effects of polychlorinated biphenyl Aroclor 1254 on Leydig cell LH receptors, steroidogenic enzymes and antioxidant enzymes in adult rats. 2005 , 20, 117-26	77
842	Lipoic acid ameliorates adriamycin-induced testicular mitochondriopathy. 2005 , 20, 111-6	31
841	Teratogenic effects of diphenyl diselenide in Wistar rats. 2005 , 20, 561-8	19
840	Evaluation of antioxidant effect of Semecarpus anacardium Linn. nut extract on the components of immune system in adjuvant arthritis. 2005 , 42, 179-86	60
839	Protective effect of vitamin B6 in chromium-induced oxidative stress in liver. 2005 , 25, 440-3	47
838	Correlation of DNA damage in epidemic dropsy patients to carcinogenic potential of argemone oil and isolated sanguinarine alkaloid in mice. 2005 , 117, 709-17	45
837	Apigenin inhibits oxidative stress-induced macromolecular damage in N-nitrosodiethylamine (NDEA)-induced hepatocellular carcinogenesis in Wistar albino rats. 2005 , 44, 11-20	66
836	Ethanollic leaf extract of neem (Azadirachta indica) inhibits buccal pouch carcinogenesis in hamsters. 2005 , 23, 229-38	19
835	Arsenic intoxication-induced reduction of glutathione level and of the activity of related enzymes in rat brain regions: reversal by DL-alpha-lipoic acid. 2005 , 79, 140-6	73
834	Human selenoproteins at a glance. 2005 , 62, 2414-37	186
833	Correlation of tissue lipid peroxidation and antioxidants with clinical stage and menopausal status in patients with adenocarcinoma of the breast. 2005 , 38, 154-8	45
832	Radioprotective effect of sesamol on gamma-radiation induced DNA damage, lipid peroxidation and antioxidants levels in cultured human lymphocytes. 2005 , 209, 225-35	117
831	Protective effect of diphenyl diselenide on acute liver damage induced by 2-nitropropane in rats. 2005 , 210, 1-8	65
830	Effect of Aroclor 1254 on Sertoli cellular antioxidant system, androgen binding protein and lactate in adult rat in vitro. 2005 , 212, 195-205	35
829	Expression pattern of cytosolic glutathione peroxidase (cGPx) mRNA during mouse embryogenesis. 2005 , 209, 315-21	28
828	Phytoremediation of toxic trace elements in soil and water. 2005 , 32, 514-20	125

827	Selenium-containing enzymes in mammals: Chemical perspectives. 2005 , 117, 287-303	61
826	Combined efficacy of tamoxifen and coenzyme Q10 on the status of lipid peroxidation and antioxidants in DMBA induced breast cancer. 2005 , 273, 151-60	24
825	Semecarpus anacardium Linn. nut milk extract, an indigenous drug preparation, modulates reactive oxygen/nitrogen species levels and antioxidative system in adjuvant arthritic rats. 2005 , 276, 97-104	13
824	Free radical scavenging activity of Cleome gynandra L. leaves on adjuvant induced arthritis in rats. 2005 , 276, 71-80	32
823	The protective role of DL-alpha-lipoic acid in the oxidative vulnerability triggered by Abeta-amyloid vaccination in mice. 2005 , 270, 29-37	15
822	Interpretation of relevance of sodium-calcium exchange in action potential of diabetic rat heart by mathematical model. 2005 , 269, 121-9	13
821	Effect of Tridax procumbens on liver antioxidant defense system during lipopolysaccharide-induced hepatitis in D-galactosamine sensitised rats. 2005 , 269, 131-6	22
820	Chemopreventive effect of piperine on mitochondrial TCA cycle and phase-I and glutathione-metabolizing enzymes in benzo(a)pyrene induced lung carcinogenesis in Swiss albino mice. 2005 , 271, 101-6	37
819	Mitigation of oxidative stress in cyclophosphamide-challenged hepatic tissue by DL-alpha-lipoic acid. 2005 , 272, 179-85	52
818	Selenium as an antioxidative protectant in soybean during senescence. 2005 , 272, 77-86	283
817	Uptake of Selenium and its Antioxidant Activity in Ryegrass When Applied as Selenate and Selenite Forms. 2005 , 276, 359-367	169
816	Protective effect of Sargassum polycystum (brown alga) against acetaminophen-induced lipid peroxidation in rats. 2005 , 19, 113-5	20
815	Selenium reduces the proapoptotic signaling associated to NF-kappaB pathway and stimulates glutathione peroxidase activity during excitotoxic damage produced by quinolinate in rat corpus striatum. 2005 , 58, 258-66	25
814	Naphthalene-induced hematological disturbances and oxidative stress in an estuarine edible crab, Scylla serrata. 2005 , 20, 464-6	16
813	. 2005 ,	171
812	PREVENTIVE EFFECTS OF GARLIC EXTRACT ON LIPID PEROXIDATION AND ANTIOXIDANT DEFENCE SYSTEM IN N-NITROSODIETHYLAMINE INDUCED HEPATOCARCINOGENESIS IN RATS. 2005 , 171-175	
811	Alcoholic stem extract of Coscinium fenestratum regulates carbohydrate metabolism and improves antioxidant status in streptozotocin-nicotinamide induced diabetic rats. 2005 , 2, 375-81	82
810	Selenoproteins--tracing the role of a trace element in protein function. 2005 , 3, e421	31

809	Changes in glutathione peroxidase and tissue selenium concentrations of broilers after consuming a diet adequate in selenium. 2005 , 84, 1268-76	69
808	Influence of Garlic Extract on Temporal Characteristics of Lipid Peroxidation Products and Antioxidants in Tumor-Bearing Rats. 2005 , 43, 209-218	4
807	Short-term dietary restriction modulates liver lipid peroxidation in carbon tetrachloride-intoxicated rats. 2005 , 16, 245-56	4
806	Combination chemoprevention of experimental gastric carcinogenesis by s-allylcysteine and lycopene: modulatory effects on glutathione redox cycle antioxidants. 2005 , 8, 494-501	24
805	Double Hydride Generation Gaseous Phase Enrichment with Flow Injection On-line Automatic Preparation for Ultratrace Amounts of Total Selenium Determination by Atomic Fluorescence Spectrometry. 2005 , 38, 131-143	3
804	Impact of polychlorinated biphenyl Aroclor 1254 on testicular antioxidant system in adult rats. 2005 , 24, 61-6	44
803	Supplementation with Fetal-Specific Factors Ameliorates Oxidative Liver Damage During Hypothermic Storage and Reperfusion in a Rat Model. 2005 , 3, 201-209	6
802	Studies on the protective role of vitamin C and E against polychlorinated biphenyl (Aroclor 1254)--induced oxidative damage in Leydig cells. 2005 , 39, 1259-72	92
801	Du-zhong (<i>Eucommia ulmoides</i> Oliv.) cortex water extract alters heme biosynthesis and erythrocyte antioxidant defense system in lead-administered rats. 2005 , 8, 86-92	26
800	Effect of tetrahydrocurcumin on erythromycin estolate-induced lipid peroxidation in rats. 2005 , 16, 1-15	9
799	Histone H1 modulates the antioxidant status in 9,10-dimethylbenz[a]anthracene-induced experimental breast cancer. 2005 , 51, 57-63	2
798	Counteracting adriamycin-induced oxidative stress by administration of N-acetyl cysteine and vitamin E. 2005 , 43, 834-40	17
797	Are Selenoproteins Important for the Cancer Protective Effects of Selenium?. 2005 , 1, 201-214	15
796	Sesame Oil Exhibits Additive Effect on Nifedipine and Modulates Oxidative Stress and Electrolytes in Hypertensive Patients. 2005 , 4, 133-145	6
795	Chronic chromium exposure-induced changes in testicular histoarchitecture are associated with oxidative stress: study in a non-human primate (<i>Macaca radiata</i> Geoffroy). 2005 , 20, 2801-13	81
794	Protective effect of <i>Indigofera oblongifolia</i> in CCl4-induced hepatotoxicity. 2005 , 8, 261-5	28
793	The regulation and role of extracellular glutathione peroxidase. 2005 , 7, 72-9	62
792	Selenium improves cardiac function by attenuating the activation of NF-kappaB due to ischemia-reperfusion injury. 2005 , 7, 1388-97	39

791	Influence of silymarin administration on hepatic glutathione-conjugating enzyme system in rats treated with antitubercular drugs. 2005 , 6, 395-400	20
790	Selenium and vitamin status in the Al-Kharj district, Saudi Arabia. 2005 , 15, 190-211	
789	Protective Effects of Ethanolic Neem Leaf Extract on DMBA-Induced Genotoxicity and Oxidative Stress in Mice. 2005 , 5, 39-50	8
788	Oxidative Stress and the Role of Cumin (<i>Cuminum cyminum</i> Linn.) in Alloxan-Induced Diabetic Rats. 2005 , 11, 127-139	6
787	Molecular and biochemical characterization of the selenocysteine Se-methyltransferase gene and Se-methylselenocysteine synthesis in broccoli. 2005 , 138, 409-20	123
786	Brain lipid peroxidation and antioxidant status after acute methacrylonitrile intoxication. 2005 , 28, 187-95	2
785	Protective effects of ethanolic neem leaf extract on N-methyl-N'-nitro-N-nitrosoguanidine-induced genotoxicity and oxidative stress in mice. 2004 , 27, 15-26	32
784	Role of fibrillar Abeta25-35 in the inflammation induced rat model with respect to oxidative vulnerability. 2005 , 39, 603-12	13
783	Selenium, the thyroid, and the endocrine system. 2005 , 26, 944-84	366
782	Cardioprotective effect of pentacyclic triterpene, lupeol and its ester on cyclophosphamide-induced oxidative stress. 2005 , 24, 313-8	49
781	Effect of inorganic versus organic selenium on hen production and egg selenium concentration. 2005 , 84, 232-7	113
780	Comparison of inorganic and organic selenium sources for broilers. 2005 , 84, 898-902	140
779	Effect of selenium on preservation quality of green tea during autumn tea-processing season. 2005 , 53, 7444-7	11
778	Selenoprotein synthesis: a unique translational mechanism used by a diverse family of proteins. 2005 , 15, 769-75	48
777	Glutathione peroxidase (GPx)-like antioxidant activity of the organoselenium drug ebselen: unexpected complications with thiol exchange reactions. 2005 , 127, 11477-85	225
776	In Vitro. and In Vivo. Evaluation of Free-Radical Scavenging Potential of <i>Cissus quadrangularis</i> .. 2005 , 43, 773-779	14
775	Attenuation of Neutrophil Infiltration and Proinflammatory Cytokines by <i>Cissus quadrangularis</i> . 2005 , 5, 33-42	14
774	Rejuvenation of antioxidant system in central nervous system of aged rats by grape seed extract. 2005 , 383, 295-300	85

773	Attenuation of N-methyl-N'-nitro-N-nitrosoguanidine induced genotoxicity and oxidative stress by tomato and garlic combination. 2005 , 76, 2247-55	27
772	Effects of dietary factors and other metabolic modifiers on quality and nutritional value of meat. 2005 , 71, 8-38	149
771	The protective effect of alpha-crystallin against acute inflammation in mice. 2005 , 1740, 411-20	33
770	Oxidative damage of plasma proteins and lipids in epidemic dropsy patients: alterations in antioxidant status. 2005 , 1722, 209-17	40
769	Selenium-induced alterations in ionic currents of rat cardiomyocytes. 2005 , 327, 163-73	19
768	Effect of cadmium and zinc on antioxidant enzyme activity in the gastropod, <i>Achatina fulica</i> . 2005 , 140, 422-6	43
767	Oxidative stress on mitochondrial antioxidant defense system in the aging process: role of DL-alpha-lipoic acid and L-carnitine. 2005 , 355, 173-80	59
766	Modulation of blood pressure, lipid profiles and redox status in hypertensive patients taking different edible oils. 2005 , 355, 97-104	116
765	Attenuation of serum lipid abnormalities and cardiac oxidative stress by eicosapentaenoate-lipoate (EPA-LA) derivative in experimental hypercholesterolemia. 2005 , 355, 197-204	16
764	Pesticide-induced alteration in mice hepato-oxidative status and protective effects of black tea extract. 2005 , 358, 131-8	72
763	Chemopreventive efficacy of ginger, a naturally occurring anticarcinogen during the initiation, post-initiation stages of 1,2 dimethylhydrazine-induced colon cancer. 2005 , 358, 60-7	140
762	Ovariectomy induces oxidative stress and impairs bone antioxidant system in adult rats. 2005 , 360, 81-6	230
761	Lipid profile, oxidant-antioxidant status and glycoprotein components in hyperlipidemic patients with/without diabetes. 2005 , 362, 49-56	23
760	Soluble ICAM-1: a marker of vascular inflammation and lifestyle. 2005 , 31, 127-34	51
759	On the mechanisms involved in antinociception induced by diphenyl diselenide. 2005 , 19, 283-9	41
758	Photoprotective effect of sesamol on UVB-radiation induced oxidative stress in human blood lymphocytes in vitro. 2005 , 20, 1-5	42
757	Effect of noise stress on free radical scavenging enzymes in brain. 2005 , 20, 142-8	23
756	Effect of L-carnitine on nucleic acid status of aged rat brain. 2005 , 191, 33-40	10

755	Increased susceptibility of glutathione peroxidase-1 transgenic mice to kainic acid-related seizure activity and hippocampal neuronal cell death. 2005 , 192, 203-14	11
754	Combination of S-allylcysteine and lycopene protects against N-methyl-N'-nitro-N-nitrosoguanidine-induced genotoxicity and oxidative stress in mice. 2005 , 25, 577-586	3
753	Effects of the antioxidant properties of millet species on oxidative stress and glycemic status in alloxan-induced rats. 2005 , 25, 1109-1120	104
752	Dietary selenium requirements of juvenile grouper, <i>Epinephelus malabaricus</i> . 2005 , 250, 356-363	159
751	Combining benzo[d]isoseleazol-3-ones with sterically hindered alicyclic amines and nitroxides: enhanced activity as glutathione peroxidase mimics. 2005 , 3, 3564-9	22
750	Internally stabilized selenocysteine derivatives: syntheses, ⁷⁷ Se NMR and biomimetic studies. 2005 , 3, 2476-81	53
749	o-hydroxymethylphenylchalcogens: synthesis, intramolecular nonbonded chalcogen...OH interactions, and glutathione peroxidase-like activity. 2005 , 70, 9237-47	127
748	Combined efficacies of DL-alpha-lipoic acid and meso 2,3 dimercaptosuccinic acid against arsenic induced toxicity in antioxidant systems of rats. 2005 , 160, 1-7	47
747	Green tea extract attenuates cyclosporine A-induced oxidative stress in rats. 2005 , 51, 51-7	71
746	Antioxidant property of alpha-asarone against noise-stress-induced changes in different regions of rat brain. 2005 , 52, 467-74	75
745	Ferulic Acid modulates altered lipid profiles and prooxidant/antioxidant status in circulation during nicotine-induced toxicity: a dose-dependent study. 2005 , 15, 375-81	42
744	Chemoprevention of colon cancer by a synthetic curcumin analog involves amelioration of oxidative stress. 2005 , 15, 355-9	8
743	Melothria maderaspatana Leaf Extract for Treating Hypertension: Chemistry and Effects on Biomarkers. 2005 , 11, 264-268	3
742	Impact of naringenin on oxytetracycline-mediated oxidative damage in kidney of rats. 2006 , 28, 599-605	34
741	Succinic acid monoethyl ester prevents oxidative stress in streptozotocin-nicotinamide-induced type2 diabetic rats. 2006 , 17, 115-32	10
740	Dietary functional ingredients: performance of animals and quality and storage stability of irradiated raw turkey breast. 2006 , 85, 1829-37	8
739	Dietary mineral and trace element intake and squamous cell carcinoma of the esophagus in a Chinese population. 2006 , 55, 63-70	31
738	Selenoproteins and their impact on human health through diverse physiological pathways. 2006 , 21, 307-15	121

737	Role of Cuminum cyminum on Ethanol and Preheated Sunflower Oil Induced Lipid Peroxidation. 2006 , 11, 103-114	3
736	Chapter 6 Inorganic feed additives. 2006 , 179-249	9
735	Protective role of eicosapentaenoate-lipoate (EPA-LA) derivative in combating oxidative hepatocellular injury in hypercholesterolemic atherogenesis. 2006 , 189, 115-22	27
734	A pilot study of open label sesame oil in hypertensive diabetics. 2006 , 9, 408-12	47
733	Enhanced neuroprotective effect by combination of bromocriptine and Hypericum perforatum extract against MPTP-induced neurotoxicity in mice. 2006 , 249, 140-4	50
732	Oxidative stress induced by methotrexate alone and in the presence of methanol in discrete regions of the rodent brain, retina and optic nerve. 2006 , 165, 265-73	40
731	Counteraction of adriamycin-induced oxidative damage in rat heart by selenium dietary supplementation. 2006 , 54, 1203-8	32
730	Green Tea Attenuates Hepatic Tissue Injury in STZ-Streptozotocin-Induced Diabetic Rats. 2012 , 11, 2081-2090	1
729	Hypoglycemic Effect of Ficus microcarpa Leaves (Chinese Banyan) on Alloxan-induced Diabetic Rats. 2007 , 7, 321-326	9
728	Salutary Effect of Ferulic Acid Against D-Galactosamine Challenged Liver Damage. 2008 , 8, 1271-1279	10
727	Hepatoprotective and Antioxidant Effect of Andrographis echioides N. against Acetaminophen Induced Hepatotoxicity in Rats. 2009 , 9, 351-356	5
726	Antihyperglycemic and Antilipidperoxidative Effects of Ficus racemosa (Linn.) Bark Extracts in Alloxan Induced Diabetic Rats. 2007 , 7, 330-338	4
725	Hepatoprotective Activity of Rauwolfia serpentina Rhizome in Paracetamol Intoxicated Rats. 2005 , 1, 82-88	20
724	Modulatory Role of Terminalia chebula on Erythrocyte Defenses in Young and Aged Rats. 2007 , 2, 709-717	1
723	Ultrastructural and Biochemical Abnormalities in the Liver of Streptozotocin-Diabetic Rats: Protective Effects of Murraya koenigii. 2008 , 3, 190-202	5
722	Chemopreventive and antilipidperoxidative potential of Clerodendron inerme (L) Gaertn in 7,12-dimethylbenz(a)anthracene induced skin carcinogenesis in Swiss albino mice. 2007 , 10, 1465-70	11
721	Chemopreventive potential of genistein and daidzein in combination during 7,12-dimethylbenz[a]anthracene (DMBA) induced mammary carcinogenesis in Sprague-Dawley rats. 2010 , 13, 279-86	15
720	Inorganic versus organic selenium supplementation: a review. 2012 , 15, 418-25	37

719	Role of <i>Acorus calamus</i> and alpha-asarone on hippocampal dependent memory in noise stress exposed rats. 2013 , 16, 770-8	14
718	Study on antioxidant potential of <i>Murraya koenigii</i> leaves in Wistar rats. 2014 , 17, 126-9	3
717	Naringenin Attenuates Toxicity and Oxidative Stress Induced by Lambda-cyhalothrin in Liver of Male Rats. 2020 , 23, 510-517	3
716	Protective Effect of <i>Luffa acutangula</i> (var) <i>amara</i> against Carbon Tetrachloride-Induced Hepatotoxicity in Experimental Rats. 2010 , 5, 615-624	5
715	Cadmium-Induced Hepatotoxicity and Oxidative Stress in Rats: Protection by Selenium. 2008 , 2, 305-309	9
714	Selenium supplementation in thyroid associated ophthalmopathy: an update. 2014 , 7, 365-75	17
713	In vivo correlation of olive leaves extract on some oxidative stress markers in streptozotocin-induced diabetes mellitus in rats. 2018 , 69, 243	2
712	Protective Effect of <i>Nardostachys jatamansi</i> Against Radiation-induced Damage at Biochemical and Chromosomal Levels in Swiss Albino Mice. 2012 , 74, 460-5	3
711	Effect of 2-Hydroxy-4-methoxy Benzoic Acid Isolated from <i>Hemidesmus indicus</i> on Erythrocyte Membrane Bound Enzymes and Antioxidant Status in Streptozotocin-induced Diabetic Rats. 2012 , 74, 474-8	6
710	Protective Effect of Bacoside-A against Morphine-Induced Oxidative Stress in Rats. 2011 , 73, 409-15	21
709	Neuroprotective effect of <i>Linn.</i> leaves extract against acute restraint stress-induced depressive-like behavioral symptoms in adult mice. 2017 , 49, 34-41	5
708	Oxidative Stress Biomarkers in the Freshwater Fish, <i>Heteropneustes fossilis</i> (Bloch) Exposed to Sodium Fluoride: Antioxidant Defense and Role of Ascorbic Acid. 2015 , 22, 71-6	25
707	Dosakaya Juice Assuages Development of Sucrose Induced Impaired Glucose Tolerance and Imbalance in Antioxidant Defense. 2015 , 11, S462-8	3
706	Sub-chronic Administration of Methanolic Whole Fruit Extract of <i>Lagenaria breviflora</i> (Benth.) Roberty Induces Mild Toxicity in Rats. 2015 , 11, S516-21	3
705	Postprandial Antihyperglycemic And Antioxidant Activities of <i>Linn</i> Stem Extract: An Study. 2016 , 12, S475-S481	6
704	Gastrointestinal protective efficacy of Kolaviron (a bi-flavonoid from <i>Garcinia kola</i>) following a single administration of sodium arsenite in rats: Biochemical and histopathological studies. 2015 , 7, 268-76	5
703	Ameliorative Effects of Chloroform Fraction of <i>Cocos nucifera</i> L. Husk Fiber Against Cisplatin-induced Toxicity in Rats. 2016 , 8, 89-96	3
702	Modulating Effect of (Red Seaweed) on Lipid Peroxidation, Antioxidants and Biotransforming Enzymes in 7,12-Dimethylbenz (a) Anthracene Induced Mammary Carcinogenesis in Experimental Animals. 2017 , 9, 108-115	3

701	Evaluation of anti-urolithiatic activity of Pashanabhedadi Ghrita against experimentally induced renal calculi in rats. 2012 , 33, 429-34	6
700	Hypertension influences the exponential progression of inflammation and oxidative stress in streptozotocin-induced diabetic kidney. 2016 , 7, 159-164	5
699	Effect of vitamin E alone and in combination with lycopene on biochemical and histopathological alterations in isoproterenol-induced myocardial infarction in rats. 2010 , 1, 24-31	21
698	Inhibitory effects of Indigofera aspalathoides on 20-methylcholanthrene-induced chemical carcinogenesis in rats. 2011 , 10, 1	20
697	The antioxidant master glutathione and periodontal health. 2015 , 12, 389-405	19
696	Evaluation of oxidant-antioxidant status in tissue samples in oral cancer: A case control study. 2016 , 13, 181-7	15
695	Administration of Lactobacillus casei and Bifidobacterium bifidum Ameliorated Hyperglycemia, Dyslipidemia, and Oxidative Stress in Diabetic Rats. 2016 , 7, 102	20
694	Antidepressant Activity of Blume in Shp2 (Protein Tyrosine Phosphatase)-inhibited Animal Model of Depression. 2016 , 7, 112	2
693	Serum selenium levels in chronic lymphocytic leukemia. 2013 , 2, 44	4
692	The antioxidant effects of silver, gold, and zinc oxide nanoparticles on male mice in in vivo condition. 2015 , 4, 69	26
691	Trace Elements in Human Nutrition (II) - An Update. 2020 , 11, 2	32
690	Understanding the role of homoeopathic preparation of Berberis vulgaris in mitigation of sodium oxalate- induced hyperoxaluria: An experimental approach. 2020 , 14, 251	1
689	Protective Effect of against Aluminum Chloride-induced Neurotoxicity in Swiss Albino Mice. 2017 , 13, S567-S572	3
688	The Serum Selenium Level in Korean Men and Its Association with Age and Prostate Cancer. 2006 , 47, 150	5
687	Resveratrol Attenuates Benzo(a)pyrene-Induced Dysfunctions, Oxidative Stress and Apoptosis in Pancreatic Beta-Cells. 2019 , 10, 389-404	2
686	Investigation of Lipid Peroxidation Products and Antioxidant Enzyme Activities in End-Stage Renal Disease Patients. 2014 , 04, 73-80	1
685	Aliskiren Augments the Activities of Anti-Oxidant Enzymes in Liver Homogenates of DOCA Salt-Induced Hypertensive Rats. 2014 , 02, 92-99	2
684	Dietary selenium requirement of yellowtail kingfish (&i&t;Seriola lalandi&/i&t;). 2013 , 04, 68-75	17

683	The Effect of Selenium and Lycopene on Oxidative Stress in Bone Tissue in Rats Exposed to Cadmium. 2014 , 05, 1420-1429	4
682	Diclofenac-Induced Kidney Damage in Wistar Rats: Involvement of Antioxidant Mechanism. 2019 , 07, 44-57	2
681	Preventive effect of <i>Catharanthus roseus</i> (Linn.) against high-fructose diet-induced insulin resistance and oxidative stress in male Wistar rats. 2011 , 01, 63-70	8
680	Zinc Chloride Protects against Streptozotocin-Induced Diabetic Nephropathy in Rats. 2016 , 07, 331-342	4
679	Trace elements in diabetic cardiomyopathy: An electrophysiological overview. 2013 , 4, 92-100	19
678	Nephroprotective effect of methanol extract of leaves on acute kidney injury induced by ischemia-reperfusion in rats. 2020 , 20, 1382-1396	5
677	Discovery of the strong antioxidant selenoneine in tuna and selenium redox metabolism. 2010 , 1, 144-50	73
676	Performance, haemato-biochemical indices and antioxidant status of growing rabbits fed on diets supplemented with <i>Mucuna pruriens</i> leaf meal. 2018 , 26, 277	4
675	Antifertility and Antioxidant Activities of Ethanolic Extract of <i>Leonotis nepetifolia</i> in Male Albino Rats. 2020 , 3, 115-121	0
674	Cardioprotective potential of Korean Red Ginseng extract on isoproterenol-induced cardiac injury in rats. 2013 , 37, 273-82	37
673	A comparison of antioxidant activity of Korean White and Red Ginsengs on H ₂ O ₂ -induced oxidative stress in HepG2 hepatoma cells. 2013 , 37, 442-50	41
672	The role of selenium deficiency in dilated cardiomyopathy in Saudi Arabia. 1999 , 19, 20-2	1
671	Effects of Organic Selenium Supplementation on Meat Quality of Hanwoo Steers. 2005 , 47, 277-282	4
670	Biochemical and cytogenetic analysis of brain tissues in different grades of glioma patients. 2010 , 17, 120-5	5
669	Chemical Components and Antioxidative Effects of <i>Eriobotrya japonica</i> Lindl. Leaf. 2010 , 20, 1625-1633	9
668	Effects of Selenate on Adipocyte Differentiation and the Expression of Selenoproteins in 3T3-L1 Cells. 2014 , 24, 1085-1091	1
667	Protective effect of <i>Pisonia aculeata</i> on paracetamol induced hepatotoxicity in rats. 2011 , 1, 167	3
666	Assessing the systemic toxicity in rabbits after sub acute exposure to ocular irritant chemicals. 2015 , 31, 49-59	6

665	Effect of Hemidesmus indicus on Cerebral Infarct Ischemia-reperfusion Injured Rats by Four Vessel Occlusion Method. 2012 , 3, 91-102	6
664	Ameliorative Potential of Aqueous Root Extract of Withania somnifera Against Paracetamol Induced Liver Damage in Mice. 2013 , 4, 89-94	7
663	Comparison of the deleterious effects of yaji and cadmium chloride on testicular physiomorphological and oxidative stress status: The gonadoprotective effects of an omega-3 fatty acid. 2020 , 47, 168-179	2
662	Blood haematology, serum thyroid hormones and glutathione peroxidase status in kacang goats fed inorganic iodine and selenium supplemented diets. 2013 , 26, 1577-82	7
661	The Relationship between Selenium and Lung Cancer: An Updated Systematic Review and Meta-Analysis. 2018 , 11,	3
660	Protective effects of methanol extract of seeds and 4H-Pyran-4-One 2,3-Dihydro-3,5-Dihydroxy-6-Methyl on the reproductive function of male Wistar rats treated with cadmium chloride. 2018 , 22, 289-300	9
659	The protective effect of Costus afer Ker Gawl aqueous leaf extract on lead-induced reproductive changes in male albino Wistar rats. 2019 , 23, 215-224	7
658	Chemopreventive potential of coumarin in 7, 12-dimethylbenz[a] anthracene induced hamster buccal pouch carcinogenesis. 2012 , 13, 5273-9	8
657	Anti-tumor initiating potential of andrographolide in 7,12-dimethylbenz[a]anthracene induced hamster buccal pouch carcinogenesis. 2012 , 13, 5701-8	14
656	Green tea polyphenol protection against 4-nitroquinoline 1-oxide-induced bone marrow lipid peroxidation and genotoxicity in Wistar rats. 2012 , 13, 4107-12	6
655	Saffron reduction of 7,12-dimethylbenz[a]anthracene-induced hamster buccal pouch carcinogenesis. 2013 , 14, 951-7	9
654	Chemopreventive effect of Amorphophallus campanulatus (Roxb.) blume tuber against aberrant crypt foci and cell proliferation in 1, 2-dimethylhydrazine induced colon carcinogenesis. 2013 , 14, 5331-9	13
653	Antioxidant mediated response of Scoparia dulcis in noise-induced redox imbalance and immunohistochemical changes in rat brain. 2017 , 31, 143-153	3
652	The Beneficiary Role of Selenium in Type II Diabetes: A Longitudinal Study. 2019 , 11, e6443	5
651	Assessment of Lipid Peroxidation and Antioxidant Status in Vanillic Acid Treated 7,12-Dimethylbenz[a]anthracene Induced Hamster Buccal Pouch Carcinogenesis. 2017 , 11, BF01-BF04	6
650	RELATIONSHIP BETWEEN GLUTATHIONE AND DL α -LIPOIC ACID AGAINST CADMIUM-INDUCED HEPATOTOXICITY. 1996 , 49, 39-48	28
649	Nanotechnology-based therapeutic applications: clinical studies for diabetic wound healing. 2021 , 9, 7705-7747	6
648	Anti-ulcerogenic effect of methanol fraction of Ocimum gratissimum leaves extract and honey on indomethacin-induced gastric ulcer in rats. 2021 , 8, 269-283	0

- 647 Synthesis Strategies for Organoselenium Compounds and Their Potential Applications in Human Life. **2021**, 537-641 1
- 646 Chemopreventive potential of Kayan Karpam (Traditional formulation) on B(A)P induced lung cancer in experimental mice. **2021**, 4640-4646
- 645 Acacia senegal gum attenuates systemic toxicity in CCl₄-intoxicated rats via regulation of the ROS/NF- κ B signaling pathway. **2021**, 11, 20316 1
- 644 Characterization of From the Marine Crab and Its Functions Under Low Salinity Conditions. **2021**, 12, 724693 0
- 643 A Titanium (IV)-Dithiophenolate Complex and Its Chitosan Nanocomposite: Their Roles towards Rat Liver Injuries In Vivo and against Human Liver Cancer Cell Lines. **2021**, 22, 2
- 642 Manganese mitigates against hepatorenal oxidative stress, inflammation and caspase-3 activation in rats exposed to hexachlorobenzene. **2021**, 1-10 1
- 641 Evaluating the therapeutic potential of white button mushroom (*Agaricus bisporus*) against DMBA-induced breast cancer in Sprague Dawley rats. **2021**, 45, e13979 1
- 640 Ameliorative Effects of Gallic Acid on Cisplatin-Induced Nephrotoxicity in Rat Variations of Biochemistry, Histopathology, and Gene Expression. **2021**, 2021, 2195238 3
- 639 Associations between urinary heavy metal concentrations and blood pressure in residents of Asian countries. **2021**, 26, 101 2
- 638 Effects of Se-Enriched Malt on the Immune and Antioxidant Function in the Se-Deprived Reclamation Merino Sheep in Southern Xinjiang. **2021**, 1 3
- 637 Antioxidants Supplementation in Acute Amitriptyline Abuse for Pain. **2021**, 1
- 636 Comparison of selenomethionine and hydroxyselenomethionine on tissue selenium retention, and antioxidative capacity of giant grouper, *Epinephelus lanceolatus*, fed diet with soybean meal. 1
- 635 In vivo Antioxidant and Lipid Peroxidation Effect of Ethanolic Extract of whole Plant of *Ziziphus Xylopyrus* Retz. In Rats Fed with High Fat Diet.. **2021**, 12, 8-12
- 634 3-Indolepropionic acid upturned male reproductive function by reducing oxido-inflammatory responses and apoptosis along the hypothalamic-pituitary-gonadal axis of adult rats exposed to chlorpyrifos. **2021**, 463, 152996 2
- 633 *Yersinia enterocolitica* and *Lactobacillus fermentum* induces differential cellular and behavioral responses during diclofenac biotransformation in rat gut. **2021**, 431, 115741 0
- 632 Differences in the effects of sodium selenate and sodium selenite on the mortality, reproduction, lipid peroxidation and glutathione redox status of *Folsomia candida* Willem 1902 (Collembola). **2021**, 107, 103361 2
- 631 Milk selenium content and speciation in response to supranutritional selenium yeast supplementation in cows. **2021**, 7, 1087-1094 1
- 630 Gallic acid-silver nanoparticle impregnated cotton gauze patches enhance wound healing in diabetic rats by suppressing oxidative stress and inflammation via modulating the Nrf2/HO-1 and TLR4/NF- κ B pathways. **2021**, 286, 120019 4

629 Role of Oxidative Stress, Cytokines, and Apoptosis in Myocardial Dysfunction. **2000**, 193-209

628 Oxidative stress in heart failure. **2000**, 262-284

1

627 Use of Stable Isotopes of Selenium to Investigate Selenium Status. **2000**, 129-150

626 Observations on effect of sodium selenite in prevention of Keshan disease. **2001**, 14, 213-219

1

625 Differential Regulation and Function of Glutathione Peroxidases and Other Selenoproteins. **2001**, 425-448

624 Differential Regulation and Function of Glutathione Peroxidases and Other Selenoproteins. **2001**, 425-448

623 Selenium and Hiv Infection. **2001**, 183-200

622 Selenium in Nutrition and Toxicology. **2002**,

621 Geomicrobiology of Selenium and Tellurium. **2002**, 669-682

620 Forensische Toxikologie. **2003**, 3-376

1

619 Effects of Sodium Selenite Supplementation on Reproductive Performance and Body Fluid Properties in Pregnant Holstein Heifers. **2003**, 74, 363-368

618 Endothelial Cell Dysfunction— Key Factor in Atherogenesis and Its Reversal (Laboratory and Clinical Study). **2003**, 27-51

617 Comparative Aspects of Lipid Peroxidation and Antioxidant Protection in Avian Semen. **2003**,

1

616 HIV. **2004**, 303-337

615 Effect of Dietary Selenium Binding Yeast Peptide on Growth Performance, Tissue Se, Serum Glutathione Peroxidase Activity and Meat Quality in Finishing Pigs. **2004**, 33, 1206-1211

1

614 Malnutrition. **2004**, 103-113

613 Dietary Selenium and Gene Expression. **2005**, 441-456

1

612 Selenium. **2005**, 275-286

- 611 Effects of Organic Selenium Mix on the Performance, Carcass Characteristics, Tissue Selenium Distribution, and Economic Value in Finishing Hanwoo Steers. **2005**, 47, 975-984
- 610 Levels of Lipids, Lipoproteins and Status of Antioxidative Defense System in Breast Cancer Patients. **2006**, 39, 11-17
- 609 Effect of Selenium Sources on Meat Quality of Hanwoo Steers. **2006**, 48, 603-610 3
- 608 Protective action of fenugreek (*Trigonella foenum graecum*) seed polyphenols against alcohol-induced protein and lipid damage in rat liver. **2007**, 111-120
- 607 The influence of different levels of dietary selenium on its distribution in the organs of broiler chickens. **2007**, 95-105
- 606 Male Hormones and Systemic Disease. **2007**, 239-252
- 605 Effects of Dietary Organic Selenium and Vitamin E on Growth Performance, Selenium Retention and Quality of Meat in Broiler Chickens. **2007**, 34, 143-149
- 604 Mechanisms of protection against the damage produced in biological systems by oxygen-derived radicals. **1978**, 143-76 7
- 603 Biochemical Studies on the Effect of Selenium and β -difluoromethylornithine on the Elevated Polyamines in mice. **2008**, 8, 1149-1157
- 602 Selenium and β -difluoromethylornithine in Combination have Strong Activity Against Elevated Polyamines and Glucose Levels in Serum. **2008**, 4, 22-29 1
- 601 Geomicrobiology of Selenium and Tellurium. **2008**, 527-536
- 600 Effect of Selenium Supplementation on Beef Color Stability. **2009**, 29, 627-632
- 599 Absorption and Distribution for Subtoxic Level of Selenite by Vascularly Perfused Small Intestine in Rats. **2010**, 20, 169-175
- 598 A PRELIMINARY STUDY OF SELENIUM AND MINERAL ELEMENTS IN ANTARCTIC KRILL. **2010**, 22, 135-140 1
- 597 Selenium Status and Glutathione Peroxidase Activity in Korean Infants. **2011**, 44, 112 4
- 596 Oxidative and Nitrosative Stress in Heart Failure. **2011**, 185-197
- 595 Vitamin E Metabolism in the Fetus and Newborn Infant. **2011**, 415-435
- 594 The Anti-inflammatory and Antimicrobial Effects of Selenium-rich Hot Spring Water on a Chronic Bacterial Prostatitis Rat Model. **2012**, 30, 64

- 593 Anti-Proliferative Effects of Selenium in HT-29 Colon Cancer Cells via Inhibition of Akt. **2012**, 22, 55-61 4
- 592 Encyclopedia of Sustainability Science and Technology. **2012**, 3655-3674
- 591 Influences of Seleniferous Whole Crop Barley Supplement on Growth Performance and Blood Characteristics in Growing Pigs. **2012**, 32, 39-48 4
- 590 Discussion: Minerals. **2014**, 101-122
- 589 Influences of Feeding Seleniferous Whole Crop Barley on Growth Performance, Blood and Carcass Characteristics, and Tissue Selenium Deposition in Finishing Barrows. **2012**, 32, 828-834 1
- 588 Environmental Toxicology: Oxidative Stress. **2013**, 293-318
- 587 Literature Review: Cardiovascular Disorders and Minerals. **2014**, 13-43
- 586 An Approach to Treating Irritant Airway Inflammation. **2013**, 247-276
- 585 Effects of *Allium victorialis* Extract on Lowering Lipid, Anti-oxidation and Concentration of Inflammatory Mediators in Rats Fed High Oxidized Fat. **2013**, 26, 227-233 1
- 584 Selenium accumulation and oxidation resistance in rats fed with typical selenium-enriched plant materials. **2013**, 67-68
- 583 Effect of Seleniferous Whole Crop Barley Silage on Growth Performance, Blood and Carcass Characteristics, and Tissue Selenium Deposition in Finishing Hanwoo Steers. **2013**, 33, 281-289
- 582 Hepatoprotective Effect of Ethyl Acetate Extract of *Vitex doniana* Stem Bark on Carbon Tetrachloride (CCl₄) Induced Liver Damage in Wistar Rats. **2013**, 4, 35-41
- 581 Toxic Responses of the Plasma Glutathione Peroxidase (GSH-Px). **2014**, 139-143
- 580 CHAPTER 24:Mercury. **2014**, 747-767 1
- 579 Analgesic and Anti-Arthritic Effect of *Enicostemma littorale* Blume. **2014**, 05, 1018-1024 1
- 578 The Interaction between the Gastrointestinal Tract and Nutrient Intake. **1979**, 105-140
- 577 Glutathione Metabolism in Leukocytes. **1980**, 121-151
- 576 Neutronen-Aktivierungsanalyse. **1980**, 309-339

- 575 Selenium Status of Seven IVH Patients. **1981**, 30-33
- 574 Biological utilization of some selenium- and sulfur-containing amino acids. **1982**, 148, 343-57
- 573 Mineral and Vitamin Sources and Nonnutritive Feed Additives. **1984**, 535-583
- 572 Trace Elements in the Eye. **1984**, 667-685
- 571 Dioxygen Toxicity. **1985**, 255-266
- 570 Distribution of Selenium in Human Milk. **1986**, 381-393
- 569 Selenium Nutrition During Lactation and Early Infancy. **1987**, 81-87 1
- 568 Glutathione Peroxidase, Selenium and Vitamin E in Defense Against Reactive Oxygen Species. **1988**, 15-36
- 567 Essentielle Spurenelemente [Entdeckung, Aufnahme, Metabolismus und Bioverfügbarkeit]. **1988**, 23-60
- 566 Selenium in Total Parenteral Nutrition. **1988**, 147-155
- 565 Oxygen Radicals in Heart and Brain Tissue Injury. **1989**, 244-254
- 564 Platelet Glutathione Peroxidase Activity in Long-term Total Parenteral Nutrition with/without Selenium Supplementation. **1990**, 239-242 1
- 563 Trace Elements in Total Parenteral Nutrition. **1990**, 203-225
- 562 ANTIOXIDANT ENZYMES: AN OVERVIEW. **1991**, 595-601
- 561 Food and Feed Yeast. **1991**, 413-440 3
- 560 Feeding Sows to Maximize Reproductive and Lactation Capabilities. **1991**, 527-555
- 559 Scientific rationale for the 1989 Recommended Dietary Allowance for selenium. **1991**, 91, 1572-1576 43
- 558 Reaktive Sauerstoffspezies: Prooxidantien und Antioxidantien in Biologie und Medizin. **1993**, 27-56

557 Detection and Determination of Selenoproteins by Nuclear Techniques. **1994**, 299-307

556 Modulation by Minerals. **1995**, 335-356

555 The Role of Selenium in Copper-Induced Damage in Copper Loaded Rats Livers. **1996**, 259-264

554 ANTIOXIDANTS, DIET AND MORTALITY FROM ISCHAEMIC HEART DISEASE IN RURAL COMMUNITIES IN NORTHERN FINLAND. **1996**, 123-129

553 Expression of Mitochondrial Capsule Selenoprotein mRNA Increases with Aging, but Decreases by Selenium Deficiency in the Mouse Testis.. **1997**, 43, 227-234 4

552 Effects of nutritional antioxidants and other dietary constituents on coxsackievirus-induced myocarditis. **1997**, 223, 81-96 3

551 Selenium. **1997**, 505-568

550 Free radicals and diseases of animal muscle. **1998**, 317-326

549 Mineral Metabolism in Pregnancy. **1998**, 281-308

548 Effect of Solanum surattense on mitochondrial enzymes in diabetic rats and in vitro glucose uptake activity in L6 myotubes. **2015**, 6, 259-67

547 14. Modulation of lipids, lipoproteins, and other biomarkers with egg consumption and exercise. **2015**, 231-252 1

546 Protective Effects of Saponin-Rich Aqueous Leaf Extract of *Gymnema sylvestre* R. Br. against Cafeteria and High-Fat Diet-Induced Obesity and Oxidative Stress in Rats. **2015**, 6, 97-105

545 A Comparison of Nutritional Components of Loquat (*Eriobotrya japonica* Lindl.) Powder in Different Aerial Components. **2015**, 26, 541-549 2

544 Effects of zinc, vitamin and selenium additives for improving meat quality on the growth performance, carcass characteristics and economic efficiency of holstein steers. **2015**, 42, 253-259

543 Nutraceuticals and Male Fertility: A Review. **2015**, 531-556

542 Direct determination of selenium in selenomethionine using on-line oxidation-reduction Hydride Generation inductively coupled plasma atomic emission spectrometry. **2015**, 231-235

541 Effect of Bisphenol-A on Antioxidant Enzymes and Lipid Peroxidation in Liver of Chick Embryos. **2015**, 6, 1-5 2

540 Ảnh hưởng của selenium hữu cơ tổng hợp, tỷ lệ song v^kha n^ng chiu soc b^ man của c^i khoang co (*Amphiprion ocellaris* Cuvier, 1830). **2016**, 43, 89

- 539 Structure and Mechanism of Selenocysteine Synthases. **2016**, 101-112 1
- 538 Selenium Regulation of the Selenoprotein and Non-selenoprotein Transcriptomes in a Variety of Species. **2016**, 175-186 2
- 537 Nuclear Receptors in Fish and Pollutant Interactions. **2016**, 45-60
- 536 In vitro enzymatic antioxidants potency of Citrus karna seeds. **2016**, 11, 52-55
- 535 The Possible Chemosensitizing Effect of Different Doses of Indol-3-Carbinol on Transplantable Tumor Model Treated with Doxorubicin. **2016**, 4, 61-72
- 534 Effect of Pumpkin, Corn Silk, Adzuki Bean, and Their Mixture on Weight Control and Antioxidant Activities in High Fat Diet-Induced Obesity Rats. **2016**, 45, 1239-1248 1
- 533 Nutritional Strategies to Alleviate Heat Stress in Sheep. **2017**, 371-388 4
- 532 In Vitro Amelioration by Curcumin on Genotoxicity in Workers with Elevated Blood Cadmium Level. **2017**, 17, 20-27 1
- 531 Effect of Food Processing on the Mineral-Containing Proteins. **2017**, 151-176
- 530 Study on Mineral Concentration Changes and Anticarcinogenic Effects of Organic Bamboo Salt with Different Number of Baking Times. **2018**, 52, 61-69 1
- 529 The Anti-obesity Effects of Younggyechulgam-tang-ga Hwanggi on Obesity in Mice Induced by High Fat Diet. **2018**, 28, 1-20 1
- 528 Avicennia alba mangrove derived squalene compound inhibited the MNNG induced gastric cancer in Albino rats. **2018**, 24, 302-314 1
- 527 Effets prophylactiques de l'huile essentielle de Syzygium aromaticum chez les rats wistar en développement coexposés au plomb et au manganèse. **2018**, 16, S1-S7
- 526 Investigation of Acute and Sub-chronic Toxicity of Aqueous Extract of Nigerian Nasal Snuff in Wistar Albino Rats. **2018**, 12, 37-44
- 525 Performance of marron (Cherax cainii) origin probiotic Bacillus mycoides in earthen commercial marron ponds. **2019**, 8, 246-252
- 524 Evaluation of Oxidative Stress and Antioxidant Level of Stroke Patients in Osun State, South-Western Nigeria. **2019**, 07, 189-194
- 523 Protective Effect of Madhuca longifolia Leaves in 7, 12-Dimethylbenz(a)anthracene Induced Mammary Carcinoma in Sprague Dawley Rat model. **2019**, 15, 396 0
- 522 Total Antioxidant Status and Other Markers to Distinguish Severely Obese Volunteers with and without Metabolic Syndrome. **2019**, 10, 648-663 1

- 521 Diallyl Trisulfide Prospectively Retrieves Arsenic Induced Lung Oxidative Stress, Inflammation Through the Activation of Nrf2/HO-1 Signaling. **2019**, 451-475
- 520 Therapeutic benefit of resveratrol in 5-fluorouracil-induced nephrotoxicity in rats. **2019**, 6, 72 2
- 519 Caesalpinia pulcherrima sarrests cell cycle and triggers reactive oxygen species-induced mitochondrial-mediated apoptosis and necroptosis via modulating estrogen and estrogen receptors. **2019**, 15, 288 0
- 518 Evaluation of the Effect of Ceftriaxone on Lipid Peroxidation and Antioxidant Levels in Mice. **2019**, 12, 245-250 0
- 517 Nanotechnology for Aquaculture. **2019**, 479-544 1
- 516 Effect of Methanol Extract of *Gomphrena celesiodides* on Chloroquine-Induced Hepatotoxicity and Oxidative Stress in Male Wistar Rats. **2019**, 09, 191-203
- 515 Clinical and Biochemical Valuation of Enzymatic and Nonenzymatic Stress Markers Following Full-mouth Disinfection in Aggressive Periodontitis. **2019**, 20, 952-956 0
- 514 Assessment of serum trace element levels in rheumatic heart disease: A case-control study.
- 513 Selenio y glutatiñ peroxidasa en la nutriciñ porcina. **2019**, 14, 57-69
- 512 Possible Association of Smokeless Tobacco Dependent Impairment in the Erythrocytes and Platelets Membranes of Human Male Volunteers: An Observation. **2019**, 20, 2167-2176
- 511 Testicular toxicity following chronic codeine administration is via oxidative DNA damage and up-regulation of NO and caspase 3.
- 510 Coenzyme Q 10 Abrogates Flutamide-induced Hepatotoxicity in Albino Rats. **2019**, 05, 1-8
- 509 Identification of Single Nucleotide Polymorphisms in Selenium-Glutathione Peroxidase (GPX1) Gene. **2019**, 7, 819-827
- 508 The Effect of Different Sources of Selenium on Performance, Health, Growth Factor and Some Blood Parameters of Holstine Dairy Calves. **2019**, 10, 48-55
- 507 Effect of nanopolysaccharide (BSEPS) from *Bacillus subtilis* sp. on thioacetamide-induced liver fibrosis in rats. **2019**, 43,
- 506 Comparative Study of Inflammatory and Oxidative Stress Biomarkers in Different Metabolically Healthy Obesity Phenotypes. **2020**, 11, 509-522 0
- 505 Protective effect of *Carica papaya* leaf extract against mercuric chloride-induced nephrotoxicity in wistar rats. **2020**, 16, 379 1
- 504 Rasam (South Indian Spice Soup) - Attenuates the Mammary Tumor Induction Magnitude of 7,12-Dimethylbenz[a] anthracene in SpragueDawley Rats. **2020**, 16, 467 0

- 503 Hepatoprotective effect of hydroethanol extracts of *Allium sativum* and *Carica papaya* on CCl₄-induced liver damage in rats. 3639-3649
- 502 Renoprotective Effects of Gallic Acid Against Gentamicin Nephrotoxicity Through Amelioration of Oxidative Stress in Rats. **2020**, 63, 3
- 501 Green synthesized hydroxamic acid administered in high dose disrupts the antioxidant balance in the hepatic and splenic tissues of albino rats. **2020**, 6, 0
- 500 The Prospect of Creating Medicines Based on Selenium Nanoparticles (Review). **2020**, 9, 33-44 2
- 499 Protection by Methanol and Flavonoid-rich Leaf Extracts of *Talinum triangulae* Against Lead-induced Toxicity in Rats. **2020**, 14, 125-132
- 498 Effect of dietary cassava peel meal supplemented with methionine and multienzyme on hemo-biochemical indices, digestibility, and antioxidants in rabbits. **2020**, 81, 0
- 497 Agnucastolide C, isolated from *Moringa oleifera* ameliorates thyrotoxicosis and liver abnormalities in female mice. **2020**, 6,
- 496 Expression of iron regulatory proteins in full-term swine placenta. **2020**, 55, 931-942
- 495 Anti-inflammatory potential of the aqueous extract of *Cyamopsis tetragonoloba* against the MSU-induced arthritis in female Wistar albino rats. 1-12
- 494 A biochemical approach to the anti-inflammatory, antioxidant and antiapoptotic potential of beta-carotene as a protective agent against bromobenzene-induced hepatotoxicity in female Wistar albino rats.. **2020**, 18, 87-95 0
- 493 From Selenium to Selenoproteins and their Role - Minireview. **2020**, 25, 56-59 0
- 492 Effects of maternal and progeny dietary selenium supplementation on growth performance and antioxidant capacity in ducklings. **2021**, 101, 101574 0
- 491 Selenium abates manganese-induced striatal and hippocampal toxicity via abrogation of neurobehavioral deficits, biometal accumulation, oxidative stress, inflammation, and caspase-3 activation in rats. **2021**, 1 0
- 490 Spatial distribution and environmental impact factors of soil selenium in Hainan Island, China. **2021**, 811, 151329 3
- 489 The importance and status of the micronutrient selenium in South Africa: a review. **2021**, 1 1
- 488 Coadministration of gallic acid abates zearalenone-mediated defects in male rat's reproductive function. **2021**, e22940 0
- 487 Melanoidin Induced DNA Damage and Effects on Antioxidative Enzymes in Earthworm (*Eudrilus eugeniae*). **2020**, 223-241
- 486 Fucoxanthin modulates the development of 7, 12-dimethyl benz (a) anthracene-induced skin carcinogenesis in swiss albino mice in vivo. **2020**, 16, 681

485	Effect of Plantain Bulb's Extract-Beverage Blend on Blood Glucose Levels, Antioxidant Status, and Carbohydrate Hydrolysing Enzymes in Streptozotocin-Induced Diabetic Rats. 2020 , 25, 362-374	3
484	Neuroprotective role of gallic acid in aflatoxin B -induced behavioral abnormalities in rats. 2021 , 35, e22684	7
483	Protective Effect of Tylophora indica against Streptozotocin Induced Pancreatic and Liver Dysfunction in Wistar Rats. 2020 , 13, 1755-1763	
482	Exploration of anti-breast cancer effects of Terminalia chebula extract on DMBA-induced mammary carcinoma in Sprague Dawley rats. 2020 , 6,	0
481	IN VITRO ANTIOXIDANT POTENTIALS AND HEPATOPROTECTIVE EFFECTS OF Asystasia vogeliana (BENTH) LEAF EXTRACTS AGAINST PARACETAMOL-INDUCED HEPATIC INJURY IN RATS. 2020 , 8, 839-848	
480	The dietary supplementation of zinc oxide and selenium nanoparticles enhance the immune response in freshwater fish Oreochromis mossambicus against aquatic pathogen Aeromonas hydrophila. 2022 , 69, 126878	1
479	The minerals. 2022 , 469-554	3
478	Exploring coordination preferences and biological applications of pyridyl-based organochalcogen (Se, Te) ligands. 2022 , 450, 214254	6
477	Anti-inflammatory and anti-cell proliferative effects of dieckol in the prevention and treatment of colon cancer induced by 1,2-dimethyl hydrazine in experimental animals. 2020 , 16, 856	1
476	Isoniazid/rifampicin-induced nephrotoxicity in rats: Protective Potential of selenium. 2020 , 7, 34	
475	Antihypertensive effect of methanol leaf extract of Azadirachta indica is mediated through suppression of renal caspase 3 expressions on NENitro-l-arginine methyl ester induced hypertension. 2020 , 12, 460	1
474	Effect of the injection of trace minerals on growth performance, health, antioxidant enzymes activity, and immune system of newborn Boer kids. 2020 , 49,	
473	Methanol leaf extract of protects alloxan-induced hepatopathy through modulation of caspase-9 and interleukin-1 β signaling pathways in rats. 2020 , 13, 1528-1535	2
472	Alpha-lipoic acid attenuates cyclophosphamide-doxorubicin-induced hepatic perturbation in rats. 2020 , 22, 62	
471	Potential Therapeutic Activities of Melatonin and Alpha Lipoic Acid on Methotrexate-Induced Hepatotoxicity in Rats. 2020 , 10,	
470	Effects of viral infection on biochemical protective reactions of wheat plants. 2020 , 9-15	
469	Antitumoral effect of lawsonia inermis extract on melanoma tumor-bearing C57BL/6 mice. 2020 , 16, 435	
468	Antineoplastic potential of eupatilin against benzo[a]pyrene-induced lung carcinogenesis. 2020 , 16, 848	

- 467 Inhibitory effects of triterpenoid betulin on inflammatory mediators inducible nitric oxide synthase, cyclooxygenase-2, tumor necrosis factor-alpha, interleukin-6, and proliferating cell nuclear antigen in 1,2-dimethylhydrazine-induced rat colon carcinogenesis. **2020**, 16, 841
- 466 Tannin-Rich Extract of *Chasmanthera dependens*; Stem Potential in Piroxicam-Induced Nephrotoxicity in Adult Male Wistar Rats. **2020**, 10, 29-43 2
- 465 Evaluation of plasma trace elements and oxidant/antioxidant status in Boerboel dogs with hip dysplasia. **2020**, 23, 237-247
- 464 Dexamethasone Attenuates Cyclophosphamide-induced Hepatotoxicity in Albino Rats. **2020**, 10,
- 463 Resveratrol Prevents Cataract Formation by Inhibiting Pro-inflammatory Mediator-induced Dysregulation of Lens Calcium. **2020**, 2, 14-35
- 462 Heat stress, haematology and small intestinal morphology in broiler chickens: insight into impact and antioxidant-induced amelioration. 1-20 1
- 461 Toxicities Demonstrated in Dams and Neonates following Intra-gastric Intubation of Polyethylene Microplastics to Pregnant Mice. **2021**, 47, 446-453 1
- 460 Aerobic training mitigates the negative impact of diabetes on fertility. **2021**, e14306 0
- 459 Spermine protects aluminium chloride and iron-induced neurotoxicity in rat model of Alzheimer's disease via attenuation of tau phosphorylation, Amyloid- β (1-42) and NF- κ B pathway. **2021**, 29, 1777-1793 0
- 458 Potential anticancer effects of cyclo(-Pro-Tyr) against N-diethyl nitrosamine induced hepatocellular carcinoma in mouse through PI3K/AKT signaling. **2021**, 0
- 457 Evaluation of possible protective role of Chrysin against arsenic-induced nephrotoxicity in rats. 1-9 0
- 456 Hepatoprotective and anti-inflammatory potential of chebulagic acid on carbon tetrachloride-induced hepatic fibrosis by antioxidative activities in rats. **2021**, 30, 961
- 455 Cyclophosphamide instigated hepatic-renal oxidative/inflammatory stress aggravates immunosuppressive indoleamine 2,3-dioxygenase in male rats: Abatement by quercetin. **2021**, 464, 153027 1
- 454 The pro-apoptotic and cytotoxic efficacy of polydatin encapsulated poly(lactic-co-glycolic acid) (PLGA) nanoparticles. **2021**, 111, 210-218 0
- 453 Nutrition and HIV Infection. **2002**, 419-435
- 452 Selenoprotein mimics. **2006**, 387-398
- 451 Selenoprotein P: A link between liver and brain. 134-140
- 450 The Aesthetics of Engineering The Interaction of Art and Engineering. **1976**, 1, 31-42

449	Spectrophotometric Methods for Determination of Heavy Metals. 2020 , 151-211	
448	Glutathione Peroxidase Activity and Erythrocyte Lipid Peroxidation as Indices of Selenium and Vitamin E Status in Young Pigs. 1979 , 20, 92-101	10
447	Antioxidants, Diet and Mortality from Ischaemic Heart Disease in Rural Communities in Northern Finland. 123-129	
446	Chapter 7: Glutathione system in avian biology. 2020 , 203-258	
445	Hepatoprotective Impact of Geraniol Against CCl ₄ -Induced Liver Fibrosis in Rats. 2020 , 23, 1650-1658	0
444	Nitrogen and selenium containing heterocycles: Part-1: Synthesis of some new substituted 3-(5-(2-oxopropylthio)-1,3,4-oxadiazol-2-yl)-2H-selenopyrano[2,3-b]quinolin-2-ones. 2020 , 29, 100534	1
443	Growing interest in selenium. 1990 , 153, 192-4	2
442	Comparison of selenium levels and glutathione peroxidase activity in bovine whole blood. 1984 , 48, 431-3	9
441	The two faces of selenium-deficiency and toxicity--are similar in animals and man. 1986 , 50, 297-306	124
440	Stability of glutathione peroxidase in swine plasma samples under various storage conditions. 1986 , 50, 390-2	7
439	Studies on vitamin E and selenium deficiency in young pigs. I. Hematological and biochemical changes. 1977 , 41, 41-51	5
438	Studies on vitamin E and selenium deficiency in young pigs. II. The hydrogen peroxide hemolysis test and the measure of red cell lipid peroxides as indices of vitamin E and selenium status. 1977 , 41, 52-6	6
437	Studies on vitamin E and selenium deficiency in young pigs. III. Effect on kinetics of erythrocyte production and destruction. 1977 , 41, 57-63	1
436	Selenium toxicosis in a flock of Katahdin hair sheep. 1999 , 40, 192-4	8
435	Improved survival in murine lupus as the result of selenium supplementation. 1988 , 73, 322-7	11
434	Immunohistochemical localization of glutathione-S-transferase and glutathione peroxidase in adult Syrian hamster tissues and during kidney development. 1991 , 139, 355-69	30
433	The importance of selenium in total parenteral nutrition. 1984 , 60, 144-55	10
432	Effect of sesame oil on diuretics or Beta-blockers in the modulation of blood pressure, anthropometry, lipid profile, and redox status. 2006 , 79, 19-26	49

431	Evaluation of lenticular antioxidant and redox system components in the lenses of acetyl-L-carnitine treatment in BSO-induced glutathione deprivation. 2009 , 15, 1485-91	7
430	Prevention of selenite-induced cataractogenesis by rutin in Wistar rats. 2009 , 15, 2570-7	37
429	Peracute selenium toxicosis followed by sudden death in growing and finishing pigs. 2010 , 51, 515-8	16
428	Modulation of AP-endonuclease1 levels associated with hepatic cirrhosis in rat model treated with human umbilical cord blood mononuclear stem cells. 2011 , 4, 692-707	13
427	Ursodeoxycholic acid prevents selenite-induced oxidative stress and alleviates cataract formation: In vitro and in vivo studies. 2012 , 18, 151-60	24
426	Influence of fluoride on streptozotocin induced diabetic nephrotoxicity in mice: protective role of Asian ginseng (<i>Panax ginseng</i>) & banaba (<i>Lagerstroemia speciosa</i>) on mitochondrial oxidative stress. 2013 , 137, 370-9	5
425	Saffron administration prevents selenite-induced cataractogenesis. 2013 , 19, 1188-97	30
424	Hydrogen saline prevents selenite-induced cataract in rats. 2013 , 19, 1684-93	14
423	Leukocytes from diabetic patients kill retinal endothelial cells: effects of berberine. 2013 , 19, 2092-105	31
422	In-vivo Antioxidant Effects of Ethyl Acetate Fraction of <i>Mentha spicata</i> L. on 4-Nitroquinoline-1-Oxide Injected Mice. 2011 , 10, 787-93	1
421	Antioxidant enzymes and oxidative stress in the erythrocytes of iron deficiency anemic patients supplemented with vitamins. 2014 , 18, 82-7	11
420	Oxidant-antioxidant status in tissue samples of oral leukoplakia. 2014 , 11, 180-6	11
419	Evaluation of the efficacy of taurine as an antioxidant in the management of patients with chronic periodontitis. 2014 , 11, 228-33	10
418	Cardioprotective effect of resveratrol on atherogenic diet-fed rats. 2014 , 7, 7899-906	11
417	Variations in physicochemical properties of a traditional mercury-based nanopowder formulation: need for standard manufacturing practices. 2014 , 76, 495-503	4
416	The selenium status in thalassemia patients in South East of Iran. 2014 , 8, 1-4	5
415	The preventive effects of dexmedetomidine against intestinal ischemia-reperfusion injury in Wistar rats. 2015 , 18, 604-9	12
414	Protective effect of <i>Tribulus terrestris</i> L. fruit aqueous extract on lipid profile and oxidative stress in isoproterenol induced myocardial necrosis in male albino Wistar rats. 2013 , 12, 373-83	8

4 ¹³	Protective effect of ethanolic extract of Commiphora mukul gum resin against oxidative stress in the brain of streptozotocin induced diabetic Wistar male rats. 2012 , 11, 576-592	4
4 ¹²	Protective effects of curcumin and vitamin E on carbon tetrachloride-induced nephrotoxicity in rats. 2012 , 11, 641-650	14
4 ¹¹	Melatonin protects against alterations in hippocampal cholinergic system, trace metals and oxidative stress induced by gestational and lactational exposure to cadmium. 2010 , 9, 119-132	9
4 ¹⁰	Protective Effects of Eugenol against Hepatotoxicity Induced by Arsenic Trioxide: An Antileukemic Drug. 2018 , 43, 305-312	9
4 ⁰⁹	Antioxidant Potential of Naringenin Helps to Protect Liver Tissue from Streptozotocin-Induced Damage. 2018 , 7, 76-84	20
4 ⁰⁸	Nephroprotective effect of on lead induced kidney damage in albino rats. 2019 , 11, 36-44	4
4 ⁰⁷	Delta-Aminolevulinate dehydratase and glutathione peroxidase activity in Alzheimer's disease: a case-control study. 2019 , 18, 866-875	
4 ⁰⁶	Insights into the potential mechanism underlying liver dysfunction in male albino rat exposed to gasoline fumes. 2021 , 8, 302-316	2
4 ⁰⁵	Estimation of dietary copper requirement of fingerling Indian major carp, Labeo rohita (Hamilton). 2022 , 549, 737742	2
4 ⁰⁴	Efficacy of Cyanotis tuberosa (Roxb.) Schult. &Schult. f. root tubers' active fraction as anti-diabetic, antihyperlipidemic and antioxidant in Streptozotocin-induced diabetic rats. 2021 , 285, 114856	1
4 ⁰³	Biochemical and histological alterations of doxorubicin-induced neurotoxicity in rats: Protective role of luteolin. 2021 , e22962	0
4 ⁰²	DOSE-DEPENDENT PROTECTIVE FEATURES OF LOBOPHORA VARIEGATA METHANOLIC EXTRACT (LVME) IN N-NITROSODIETHYLAMINE INDUCED EXPERIMENTAL HEPATOCARCINOGENESIS IN RATS. 65-70	
4 ⁰¹	Oxidative Stress in Dairy Cows: Insights into the Mechanistic Mode of Actions and Mitigating Strategies.. 2021 , 10,	1
4 ⁰⁰	Effect of Supplementing Alcoholic and Aqueous Extract of Khalal and Seedless Date and Date Seed Khalal AL-Zahdi Date (Phoenix Dactylifera L.) to Drinking Water on Some Physiological and Microbial Traits of Broiler Reared Under High Temperature. 2021 , 910, 012019	
3 ⁹⁹	Protective effect of aqueous leaf extracts of and on doxorubicin-induced hepatotoxicity in Wistar rats. 2021 , 6, e143	0
3 ⁹⁸	Antidiabetic Potential of Sinigrin Against Streptozotocin-Induced Diabetes via Modulating Inflammation and Oxidative Stress. 2021 , 1	0
3 ⁹⁷	Effects of bacterial organic selenium, selenium yeast and sodium selenite on antioxidant enzymes activity, serum biochemical parameters, and selenium concentration in Lohman brown-classic hens. 2021 , 1	0
3 ⁹⁶	Defensive potential and deleterious impact of turmeric (Curcuma longa) L rhizome powder supplemented diet on antioxidant status of indomethacin-induced ulcerated wistar rats. 2021 , e14019	

- 395 Bitter Gourd Honey Ameliorates Hepatic and Renal Diabetic Complications on Type 2 Diabetes Rat Models by Antioxidant, Anti-Inflammatory, and Anti-Apoptotic Mechanisms. **2021**, 10, 1
- 394 Antidiabetic with antilipidemic and antioxidant effects of flindersine by enhanced glucose uptake through GLUT4 translocation and PPAR α agonism in type 2 diabetic rats. **2021**, 114883 0
- 393 Cyclophosphamide-induced testicular oxidative-inflammatory injury is accompanied by altered immunosuppressive indoleamine 2, 3-dioxygenase in Wistar rats: Influence of dietary quercetin. **2021**, e14341 1
- 392 Selenium reduces nociceptive response in acute 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine (MPTP)-induced neurotoxicity.. **2022**, 12, 1-11 0
- 391 Diet and Hygiene in Modulating Autoimmunity During the Pandemic Era.. **2021**, 12, 749774 2
- 390 Distribution of soil selenium and its relationship with parent rocks in Chengmai County, Hainan Island, China. **2022**, 136, 105147 2
- 389 Peroxide activation by selenium-doped graphite. 0
- 388 Caffeic acid protects against DNA damage, oxidative and inflammatory mediated toxicities, and upregulated caspases activation in the hepatorenal system of rats treated with aflatoxin B.. **2022**, 207, 1-12 3
- 387 Molecular interaction analysis of β 1, 3 glucan binding protein with *Bacillus licheniformis* and evaluation of its immunostimulant property in *Oreochromis mossambicus*.. **2021**, 121, 183-183
- 386 Bio-functionalized zinc oxide nanoparticles: Potential toxicity impact on freshwater fish *Cyprinus carpio*.. **2021**, 133220 1
- 385 Targeting the Antioxidant Enzymes for the Treatment of Reactive Oxygen Species (ROS)-Induced Cancer. **2022**, 1-20
- 384 References. **2022**, 123-155
- 383 Nutritional Deficiencies in Vegetarian, Gluten-Free, and Ketogenic Diets.. **2022**, 43, 61-70 2
- 382 Modeling of selenocysteine-derived reactive intermediates utilizing a nano-sized molecular cavity as a protective cradle.. **2022**, 662, 331-361 1
- 381 An Assessment of (rs1050450), (rs225014) and (rs7579) Gene Polymorphisms in Women with Endometrial Cancer.. **2022**, 13, 1
- 380 Glyphaeaside C- enriched extract of *Glyphaea brevis* restored the antioxidant and reproductive integrity of 1,4-Dinitrobenzene-intoxicated rats. **2021**, 112359 0
- 379 Apple polyphenol phloretin complexed with ruthenium is capable of reprogramming the breast cancer microenvironment through modulation of PI3K/Akt/mTOR/VEGF pathways.. **2021**, 434, 115822 1
- 378 The ALA5/ALA6/ALA7 repeat polymorphisms of the glutathione peroxidase-1 (GPx1) gene and autism spectrum disorder.. **2022**, 1

377	Role of Endoplasmic Reticulum Stress in Nano-Selenium Alleviating Prehierarchical Follicular Atresia Induced by Mercury in Laying Hens.. 2022 , 1	0
376	Effects of supplementing diet with Thyme (<i>Thymus vulgaris</i> L.) essential oil and/or selenium yeast on production performance and blood variables of broiler chickens.. 2022 ,	0
375	Assay of selenol species in biological samples by the fluorescent probe Sel-green.. 2022 , 662, 259-273	
374	The Interconnected Mechanisms of Oxidative Stress and Neuroinflammation in Epilepsy.. 2022 , 11,	2
373	Selenium nanoparticles: a review on synthesis and biomedical applications. 2022 , 3, 1415-1431	8
372	Indole-3-propionic acid mitigates chlorpyrifos-mediated neurotoxicity by modulating cholinergic and redox-regulatory systems, inflammatory stress, apoptotic responses and DNA damage in rats.. 2021 , 89, 103786	1
371	Corilagin induces apoptosis and inhibits HMBG1/PI3K/AKT signaling pathways in a rat model of gastric carcinogenesis induced by methyl nitrosoguanidine.. 2022 ,	1
370	Chemopreventive and Therapeutic Efficacy of <i>Enhalus acoroides</i> against Diethylnitrosamine Induced Hepatocellular Carcinoma in Wistar Albino Rats.. 2022 , 1	0
369	Caffeic acid mitigates aflatoxin B1-mediated toxicity in the male rat reproductive system by modulating inflammatory and apoptotic responses, testicular function, and the redox-regulatory systems.. 2022 , e14090	1
368	Upregulation of Uric Acid Production and Caspase 3 Signaling Mediates Rohypnol-Induced Cardiorenal Damage.. 2022 , 1	2
367	Antimicrobial seleno-organic coatings and compounds acting primarily on the plasma membrane: A review. 2022 , 4, 100031	0
366	Amelioration of salinity induced damage in plants by selenium application: A review. 2022 , 147, 98-105	1
365	Selenium Dihalides Click Chemistry: Highly Efficient Stereoselective Addition to Alkynes and Evaluation of Glutathione Peroxidase-Like Activity of Bis(-2-halovinyl) Selenides.. 2022 , 27,	0
364	Codeine alters female reproductive function by targeting ovarian steroidogenesis and folliculogenesis via the induction of oxidative stress, inflammation, and apoptosis.. 2022 , 109, 1-1	1
363	Trace element status of children with PKU and normal children. 1988 , 88, 459-465	22
362	Selenium in self-selected diets of Maryland residents. 1981 , 79, 277-285	23
361	Lindl Leaf Extract Ameliorates STZ-Induced Diabetes, Oxidative Stress, Inflammation and Neuronal Impairment.. 2021 , 14, 6749-6764	4
360	Historical Roles of Selenium and Selenoproteins in Health and Development: The Good, the Bad and the Ugly.. 2021 , 23,	4

359	Glutathione peroxidase activity and erythrocyte lipid peroxidation as indices of selenium and vitamin E status in young pigs. 1979 , 20, 92-101	16
358	Targeting the Antioxidant Enzymes for the Treatment of Reactive Oxygen Species (ROS)-Induced Cancer. 2022 , 1-21	
357	Quercetin exerts an ameliorative effect in the rat model of diclofenac-induced renal injury through mitigation of inflammatory response and modulation of oxidative stress. 2022 , 20, 1721727X2210865	
356	Vegetable Biofortification: An Underexploited Silver Lining for Malnutrition Management. 2022 , 379-416	
355	Green synthesis of selenium nanoparticles using <i>Delonix regia</i> and <i>Nerium oleander</i> flower extract and evaluation of their antioxidant and antibacterial activities. 1-12	2
354	Selenium. 2022 , 603-614	
353	Anticarcinogenic effect of brucine on DMBA-induced skin cancer via regulation of PI3K/AKT signaling pathway. 2022 , 18, 29	1
352	Biomedical evaluation of antioxidant properties of lamb meat enriched with iodine and selenium.. 2022 , 17, 180-188	1
351	Evaluating the role of propolis and bee venom on the oxidative stress induced by gamma rays in rats.. 2022 , 12, 2656	6
350	Accumulation, Chronicity, and Induction of Oxidative Stress Regulating Genes Through <i>Allium cepa</i> L. Functionalized Silver Nanoparticles in Freshwater Common Carp (<i>Cyprinus carpio</i>).. 2022 , 1	1
349	The effect of natural infection with different <i>Leptospira interrogans</i> serovars on oxidative stress biomarkers and acute-phase responses in horses and cattle.. 2022 ,	
348	Antiandrogen enzalutamide induced genetic, cellular, and hepatic damages: amelioration by triterpene Lupeol.. 2022 , 1-12	3
347	Utilization of Processed Kola Nut Husk Meal in Poultry Production: Effects on The Performance, Carcass, Biochemical Indicators, and Antioxidant Enzymes of Broiler Chickens. 1	
346	Enhanced Anticancer Performance of Eco-Friendly-Prepared Mo-ZnO/RGO Nanocomposites: Role of Oxidative Stress and Apoptosis.. 2022 , 7, 7103-7115	10
345	Selenium-Based Fluorescence Probes for the Detection of Bioactive Molecules.	0
344	Selenium-containing Peptides and their Biological Applications.. 2022 ,	1
343	Application of Transcriptome Analysis to Understand the Adverse Effects of Hypotonic Stress on Different Development Stages in the Giant Freshwater Prawn Post-Larvae.. 2022 , 11,	1
342	Biological Role of Trace Elements and Viral Pathologies. 2022 , 60, 137-153	0

341	Highly Stereoselective Synthesis of Tetrasubstituted Vinyl Selenides via Rhodium-Catalyzed [1,4]-Acyl Migration of Selenoesters and Diazo Compounds.. 2022,	5
340	Dose-Dependent Effects of Astaxanthin on Ischemia/Reperfusion Induced Brain Injury in MCAO Model Rat.. 2022, 1	0
339	The role of trace elements in acute pancreatitis..	
338	Sumac and gallic acid-loaded nanophytosomes ameliorate hippocampal oxidative stress via regulation of Nrf2/Keap1 pathway in autistic rats.. 2022, e23035	
337	Promising sequels of a novel nanoformulation of khamira abresham hakim Arshadwala against isoprenaline challenged cardiac damage in rodents. 11, 290	
336	Geraniol ameliorates the progression of high fat-diet/streptozotocin-induced type 2 diabetes mellitus in rats via regulation of caspase-3, Bcl-2, and Bax expression.. 2022, e14142	0
335	Zerumbone-induced reactive oxygen species-mediated oxidative stress re-sensitizes breast cancer cells to paclitaxel.. 2022,	0
334	Involvement of NF- κ B/PI3K/AKT signaling pathway in the protective effect of prunetin against a diethylnitrosamine induced hepatocellular carcinogenesis in rats.. 2022, e23016	1
333	PROTECTIVE FEATURES OF LOBOPHORA VARIEGATA METHANOLIC EXTRACT (LVME) ON COGNITIVE BEHAVIOUR AND REDOX HOMEOSTASIS IN N-NITROSODIETHYLAMINE TREATED DROSOPHILA MELANOGASTER. 57-61	
332	Exogenous glutathione protects against gentamicin-induced acute kidney injury by inhibiting NF- κ B pathway, oxidative stress, and apoptosis and regulating PCNA.. 2022, 1-10	0
331	Selenocompounds and Sepsis: Redox Bypass Hypothesis: Part B- Selenocompounds in the Management of Early Sepsis.. 2022,	3
330	Ameliorative role of naringenin against lead-induced genetic damage and oxidative stress in cultured human lymphocytes.. 2022, e23036	0
329	Anticancer and antioxidant profiling effects of Nerolidol against DMBA induced oral experimental carcinogenesis.. 2022, e23029	
328	Gymnemic acid protects murine pancreatic β cells by moderating hyperglycemic stress-induced inflammation and apoptosis in type 1 diabetic rats.. 2022, e23050	
327	Thymol Reduces Hepatorenal Oxidative Stress, Inflammation and Caspase-3#xd; Activation in Rats Exposed to Indomethacin. 2022, 9, 136-150	
326	Bombax ceiba calyx displays antihyperglycemic activity via improving insulin secretion and sensitivity: Identification of bioactive phytometabolomes by UPLC-QToF-MS/MS.. 2022,	2
325	Polyphenol-rich fraction of Terminalia catappa prevents chronic lead acetate induced oxidative stress and cardiorenal toxicities in rats. 2022, 100032	1
324	Essential Protective Role of Catalytically Active Antibodies (Abzymes) with Redox Antioxidant Functions in Animals and Humans.. 2022, 23,	4

323	Hepatoprotective and Antioxidant Potential of Phenolics-Enriched Fraction of Leaf against Alcohol-Induced Hepatotoxicity in Rats.. 2022 , 10,	0
322	6-Gingerol Attenuates Pulmonary Inflammation and Oxidative Stress in Mice Model of House Dust Mite-Induced Asthma. 2022 , 100036	0
321	Effects of oxidized fish oil on digestive enzyme activity and antioxidant system in <i>Macrobrachium rosenbergii</i> post-larvae. 2022 , 23, 101062	0
320	Fifty years of selenoenzyme research: Discoveries, state-of-the-art and future directions.. 2022 , 183, 104-105	0
319	Therapeutic efficacy of <i>Clompanus pubescens</i> leaves fractions via downregulation of neuronal cholinesterases/Na-KATPase/IL-1 β and improving the neurocognitive and antioxidants status of streptozotocin-induced diabetic rats.. 2022 , 148, 112730	4
318	Defining Local Chemical Conditions in Magnetosomes of Magnetotactic Bacteria.. 2022 ,	1
317	<i>Thymus fontanesii</i> attenuates CCl-induced oxidative stress and inflammation in mild liver fibrosis.. 2022 , 148, 112738	0
316	Cardioprotective properties of <i>Artemisia herba alba</i> nanoparticles against heart attack in rats: A study of the antioxidant and hypolipidemic activities.. 2022 , 29, 2336-2347	1
315	Alcohol exacerbated biochemical and biophysical alterations in liver mitochondrial membrane of diabetic male wistar rats \square A possible amelioration by green tea. 2022 , 42, 130-147	0
314	In-vivo hyperglycemic, antioxidant, histopathological changes, and simultaneous measurement of kaempferol verified by high-performance thin layer chromatography of <i>Setaria italica</i> in streptozotocin -induced diabetic rats. 2022 , 29, 3772-3790	0
313	Antidiabetic efficacy of <i>Trifolium alexandrinum</i> extracts hesperetin and quercetin in ameliorating carbohydrate metabolism and activating IR and AMPK signaling in the pancreatic tissues of diabetic rats.. 2022 , 149, 112838	2
312	Herbo-metallic ethnomedicine 'Malla Sindoor' ameliorates lung inflammation in murine model of allergic asthma by modulating cytokines status and oxidative stress.. 2022 , 115120	
311	Pharmacokinetics and toxicity profiling of 4-(methylthio)butyl isothiocyanate with special reference to pre-clinical safety assessment studies.. 2022 , 212, 19-33	0
310	Brain antioxidants and hippocampal microanatomical alterations following the administration of Efavirenz/Lamivudine/Tenofovir disoproxil fumarate and Lamivudine/Nevirapine/Zidovudine in adult male Wistar rats.. 2022 , 12, 210-216	
309	Syringic and ascorbic acids prevent NDMA-induced pulmonary fibrogenesis, inflammation, apoptosis, and oxidative stress through the regulation of PI3K-Akt/PKB-mTOR-PTEN signaling pathway.. 2022 , 14, 100179	1
308	The levels of selenium in tea from China and associated human exposure. 2022 , 110, 104567	0
307	Gene expression and alterations of antioxidant enzymes in spleen of rats exposed to fluoride.. 2022 , 72, 126966	0
306	Single and joint toxicity assessment of acetamiprid and thiamethoxam neonicotinoids pesticides on biochemical indices and antioxidant enzyme activities of a freshwater fish <i>Catla catla</i> .. 2022 , 109336	2

- 305 Alcohol exacerbated nitroxidative stress in brain of diabetic rats: An ameliorative role of green tea. **2021**, 7, 106-118
- 304 Efficacy of *Cicer arietinum* L. & *Vigna mungo* L. in remediation of Hexavalent Chromium. **2021**, 939, 012069 1
- 303 Hydroethanolic Extract of Defatted Seeds Alleviates Tamoxifen-Induced Hepatic Triglyceride Accumulation, Inflammation and Oxidative Distress in Rat.. **2021**, 9, 2
- 302 Stevioside Attenuates Insulin Resistance in Skeletal Muscle by Facilitating IR/IRS-1/Akt/GLUT 4 Signaling Pathways: An In Vivo and In Silico Approach.. **2021**, 26, 2
- 301 L. (Beetroot) Methanolic Extract Prevents Hepatic Steatosis and Liver Damage in T2DM Rats by Hypoglycemic, Insulin-Sensitizing, Antioxidant Effects, and Upregulation of PPAR α **2021**, 10, 3
- 300 Combined Intranasal Insulin/Saxagliptin/Metformin Therapies Ameliorate the Effect of Combined Oral Contraceptive- (COC-) Induced Metabolic Syndrome (MetS) with a Major Target on Glucose Metabolism in Adult Female Wistar Rats.. **2021**, 2021, 9693171 1
- 299 The antioxidant and anti-inflammatory effects of *Carica Papaya* Linn. seeds extract on CCl-induced liver injury in male rats.. **2021**, 21, 302 1
- 298 Human Milk Antioxidative Modifications in Mastitis: Further Beneficial Effects of Cranberry Supplementation.. **2021**, 11, 1
- 297 Effects of sodium selenite and selenium-enriched yeast on cardiometabolic indices of patients with atherosclerosis: A double-blind randomized clinical trial study.. **2021**, 13, 314-319 0
- 296 *Adansonia digitata* ameliorates lead-induced memory impairments in rats by reducing glutamate concentration and oxidative stress. **2022**, 9, 1-10
- 295 Predictive value of oxidative stress biomarkers in drug-free patients with bipolar disorder.. **2021**, 1-12 0
- 294 The SP/NK1R System-Mediated ROS Generation in GBM Cells through Inhibiting Glutaredoxin Protein.. **2021**, 2021, 9966000 4
- 293 Carnosic Acid Protects Against Myocardial Infarction by Controlling Oxidative Stress and Inflammation in Rats. **2021**, 31, 794-804 0
- 292 Hepato-Protective effect of Betulinic acid and Rotundic acid on Mercuric Chloride Intoxicated Albino Wistar Rats. **2022**, 1189-1195 0
- 291 The Selenoprotein Glutathione Peroxidase 4: From Molecular Mechanisms to Novel Therapeutic Opportunities.. **2022**, 10, 2
- 290 Maternal supplementation of Fipoic acid attenuates prenatal cytarabine exposure-induced oxidative stress, steroidogenesis suppression and testicular damage in F1 male rat fetus. **2022**, 11, 1
- 289 Effects of the Combination of High-intensity Interval Training and Ecdysterone on Learning and Memory Abilities, Antioxidant Enzyme Activities, and Neuronal Population in an Amyloid-beta-induced Rat Model of Alzheimer's Disease.. **2022**, 113817 0
- 288 Effects of Different Selenium Sources on the Laying Performance, Egg Quality, Antioxidant, and Immune Responses of Laying Hens under Normal and Cyclic High Temperatures.. **2022**, 12, 1

- 287 Insights into the mechanism underlying reproductive toxicity of gasoline fumes in male albino rat. 1 1
- 286 Protective effects of aucubin against nonylphenol-induced liver toxicity by improving biochemical, inflammatory and histopathological indices. **2022**, 102033 0
- 285 Selenium associates with response to erythropoiesis-stimulating agents in hemodialysis patients. **2022**, 1 1
- 284 A Novel and Prevalent Pathway in Microbial Selenium Metabolism.
- 283 Abatement of cyclophosphamide-induced splenic immunosuppressive indoleamine 2, 3-dioxygenase and altered hematological indices in Wister rats by dietary quercetin.. **2022**, 227, 152218 0
- 282 CHAPTER 6. Glutathione and Thiol Redox Signalling in Parkinson's Disease. 144-183
- 281 Image_1.TIF. **2019**,
- 280 Image_2.JPEG. **2019**,
- 279 Image_3.JPEG. **2019**,
- 278 Image_4.JPEG. **2019**,
- 277 Table_1.XLSX. **2018**,
- 276 Table_2.DOCX. **2018**,
- 275 Table_3.XLSX. **2018**,
- 274 Table_4.XLSX. **2018**,
- 273 Table_5.DOCX. **2018**,
- 272 Table_1.docx. **2018**,
- 271 Valencene post-treatment exhibits cardioprotection via inhibiting cardiac hypertrophy, oxidative stress, nuclear factor- κ B inflammatory pathway, and myocardial infarct size in isoproterenol-induced myocardial infarcted rats; A molecular study.. **2022**, 174975 2
- 270 Therapeutic Potential of Seleno-Compounds in Cancer: An Overview. **2022**, 861-877

- 269 Evaluation of antioxidants in discrete regions of brain after the transplantation of human amniotic epithelial cells in 2,4,5-Trihydroxyphenylethylamine-lesioned wistar albino rats. **2022**, 12, 103
- 268 Supplementation with β -carotene aids minimize inflammation in monosodium urate crystal-induced gouty arthritis in Wistar albino rats. 58,
- 267 The mechanism of the neuroprotective effect of zinc against cadmium-induced behavioral impairments in male Wister rats: Focus on tryptophan degradation pathway, oxidative-inflammatory stress, and histologic evidence.. **2022**, 472, 153191 0
- 266 Rhabdomyolysis attenuates activity of semicarbazide sensitive amine oxidase as the marker of nephropathy in diabetic rats. **2022**, 94, 23-32 0
- 265 SUPPRESSION OF MALE REPRODUCTIVE FUNCTION BY BROWN HT IN RAT. 76-82
- 264 Stroke preventing effect of resveratrol isolated from fungi and in vivo activity in male albino rats. **2022**, 102074 0
- 263 Topical bilirubin-deferoxamine hastens excisional wound healing by modulating inflammation, oxidative stress, angiogenesis, and collagen deposition in diabetic rats. **2022**, 0
- 262 Apigeninidin-rich *Sorghum bicolor* (L. Moench) extracts suppress A549 cells proliferation and ameliorate toxicity of aflatoxin B1-mediated liver and kidney derangement in rats.. **2022**, 12, 7438 1
- 261 The Intestinal Redox System and Its Significance in Chemotherapy-Induced Intestinal Mucositis.. **2022**, 2022, 7255497 0
- 260 Anticancer activity of *Alpinia purpurata* (Vieill) K. Schum. against MNU and testosterone induced prostate cancer in male Wistar albino rats. **2022**, 100105
- 259 Endosulfan causes oxidative stress in the liver and brain that involves inhibition of NADH dehydrogenase and altered antioxidant enzyme status in rat.. **2022**, 239, 113593 0
- 258 Cryopreservation of sperm in cobia, *Rachycentron canadum* (Linnaeus, 1766). **2022**, 557, 738313 0
- 257 The glutathione peroxidase family: Discoveries and mechanism.. **2022**, 6
- 256 A crucial role of selenium nanoparticles for future perspectives. **2022**, 100367 0
- 255 Mitochondrial ATP6 and ND3 genes are associated with type 2 diabetic peripheral neuropathy. **2022**, 102501 1
- 254 Standardized Extract of *Costus Afer* Ker. Gawl leaves Modulates Reproductive Toxicity Caused by FructoseStreptozotocin Administration in Type-2 Diabetic Rats Model. **2021**, 9, 72-82
- 253 Advances in photochemical seleno-functionalization of (hetero)arenes. **2022**, 123-145
- 252 Synthesis and Antioxidant Activities of N-Thiophenyl Ebselenamines: The $^{77}\text{Se}\{^1\text{H}\}$ NMR Mechanistic Study. 2

251	Apigenin alleviates cancer drug Sorafenib induced multiple toxic effects in Swiss albino mice via anti-oxidative stress. 2022 , 447, 116072	3
250	Geraniol enhances peroxiredoxin-1, and prevents isoproterenol-induced oxidative stress and inflammation associated with myocardial infarction in experimental animal models.	0
249	Glutathione Peroxidase GPX1 and Its Dichotomous Roles in Cancer. 2022 , 14, 2560	1
248	Protective effects of curcumin against thyroid hormone imbalance after gas explosion-induced traumatic brain injury via activation of the hypothalamic-pituitary-thyroid axis in male rats.	0
247	3-Indolepropionic acid prevented chlorpyrifos-induced hepatorenal toxicities in rats by improving anti-inflammatory, antioxidant, and pro-apoptotic responses and abating DNA damage.	0
246	Single-Molecule Observation of Selenoenzyme Intermediates in a Semisynthetic Seleno-Hemolysin Nanoreactor.	0
245	Protective effects of dietary supplementation of probiotic <i>Bacillus licheniformis</i> Dahb1 against ammonia induced immunotoxicity and oxidative stress in <i>Oreochromis mossambicus</i> . 2022 , 109379	1
244	Evaluation of the activities of some antioxidant enzymes and lipid profile in the women using contraceptives. 2022 , 9, 154-159	
243	Comparative toxicity of silver nanoparticles and silver nitrate in freshwater fish <i>Oreochromis mossambicus</i> : A multi-biomarker approach. 2022 , 109391	1
242	Potential roles of oxidative stress and insulin resistance in diisononyl phthalate induced dyslipidemia and hepatosteatosis in BALB/c mice. 2022 , 5, 100038	1
241	Regulation of PTU-induced hypothyroidism in rats by caffeic acid primarily by activating thyrotropin receptors and by inhibiting oxidative stress. 2022 , 2, 100298	1
240	Dietary selenium intake of preschool children ., 1986 , 86, 1576-1577	1
239	The protective effect of <i>vernonia amygdalina</i> in lead acetate-induced nephrotoxicity in wistar rats. 2021 , 9, 227	
238	Anti-inflammatory and Antioxidant Effect of Lycoperoside H against the 1,2-Dimethyl Hydrazine (DMH) Induced Colorectal Cancer in Rats. 2022 ,	
237	Alternariol ameliorates lung carcinoma via reprogramming cytokine signaling associated with PI3K/Akt cascade in vitro and in vivo. 2022 , 20, 1721727X2211065	0
236	Effects of <i>Moringa oleifera</i> -based diets on growth, immunological responses, liver antioxidant biomarkers and expression of immune-related genes in Nile tilapia (<i>Oreochromis niloticus</i>) raised in hapa-in-pond system.	2
235	Selenium Status in Diet Affects Nephrotoxicity Induced by Cisplatin in Mice. 2022 , 11, 1141	0
234	<i>Ganoderma lucidum</i> mitigates gamma radiation-induced oxidative stress in swiss albino mice. 2022 , 102156	

233	Lycorine impedes 7,12-dimethylbenz(a)anthracene exposed hamster oral carcinogenesis through P13K/Akt and NF- κ B inhibition. 2022 ,	
232	Selenium Uptake, Transport, Metabolism, Reutilization, and Biofortification in Rice. 2022 , 15,	2
231	Embracing nanotechnology for selenium application in aquafeeds.	0
230	Modulatory action of withaferin-A on oxidative damage through regulation of inflammatory mediators and apoptosis via PI3K/AKT signaling pathway in high cholesterol-induced atherosclerosis in experimental rats.	0
229	Nanoparticles: A New Approach for treatment of bacterial and viral hepatic infections via modulating oxidative stress and DNA fragmentation. 2022 , 105927	0
228	Apigeninidin-enriched Sorghum bicolor (L. Moench) extracts alleviate Aflatoxin B1-induced dysregulation of male rat hypothalamic-reproductive axis. 153537022210980	1
227	Replacement of Fish Oil With Groundnut Oil for Developing Sustainable Feeds for Labeo rohita Fingerling. 6,	0
226	Harnessing ROS-Induced Oxidative Stress for Halting Colorectal Cancer via Thiazolidinedione-Based SOD Inhibitors. 2022 , 7, 21267-21279	
225	Supplementing dietary selenium nano-particles increased growth, antioxidant capacity and immune-related genes transcription in Pacific whiteleg shrimp (Penaeus vannamei) juveniles. 2022 , 25, 101215	1
224	Naringin generates three types of reactive oxygen species contributing differently to apoptosis-like death in Escherichia coli. 2022 , 304, 120700	1
223	The effect of Caulerpa sertularioides extract on bull sperm freezability and subsequent embryo development. 2022 , 189, 167-176	1
222	Oxidative stress in sickle cell anemia can be a prognostic marker for disease severity: A case □ control study in the western region population of Maharashtra. 2022 , 7, 99	
221	Suplementação de duas fontes de selênio em diferentes níveis na dieta de cachorrões e seu efeito sobre a qualidade seminal. 23,	
220	Evaluation of salivary alkaline phosphatase and glutathione peroxidase levels in diabetic and nondiabetic participants with and without smoking habits: A case□control study. 2022 , 14, 734	
219	Supplementation of two sources of selenium at different levels in diet of boars and this effect on the seminal quality. 23,	
218	Dietary Selenium Across Species. 2022 , 42,	0
217	Ameliorating Effect of Bacopa-Monnieri against Nicotine Induced Cerebellar Toxicity in Male Sprague-Dawley Rats. 2022 , 15, 1179-1192	
216	Methanol leaf extracts of Chrysophyllum albidum and Irvingia gabonensis protected against dyslipidaemia and oxidative stress induced by high-fat diet in Wistar rats. 2022 , 46,	

- 215 Combined effect of single-walled carbon nanotubes and cadmium on human lung cancer cells. 0
- 214 Synthesis and Characterization of Plumbagin S-Allyl Cysteine Ester: Determination of Anticancer Activity In Silico and In Vitro. 0
- 213 Phytochemical characterization of *Morus nigra* fruit ultrasound-assisted ethanolic extract for its cardioprotective potential.
- 212 Effect of black seeds (*Nigella sativa*) on inflammatory and immunomodulatory markers in *Plasmodium berghei*-infected mice. 0
- 211 Multigrain porridge possesses superior nutritional quality, its consumption alleviates hyperglycemia, hypercholesterolemia and oxidative stress in obese-diabetic wistar rats.
- 210 The beginning of GPX2 and 30 years later. **2022**, 188, 419-433 2
- 209 Protective effect of green synthesized Selenium Nanoparticles against Doxorubicin induced multiple adverse effects in Swiss albino mice. **2022**, 305, 120792 2
- 208 Kolaviron ameliorates chronic colitis induced by prolonged oral administration of Dextran Sulphate Sodium in Balb/c mice. **2022**, 6, 100071
- 207 Aqueous Extracts of *Daucus Carota* (Linn) Protected the Postnatal Developing Cerebellum of Wistar Rats Against Arsenic-Induced Oxidative Stress. **2022**, 36, 211-220
- 206 Effects of foliar spraying of selenate at different time points on selenium concentration in wheat grains during grain filling period.
- 205 Sub-acute exposure to Sudan IV-adulterated palm oil induces oxidative stress and represses the expression of Nrf2 and antioxidant genes in male albino rats. **2021**, 39, 400-412
- 204 Tocopherol Enhances the Antioxidant Defense System and Histomorphometric Parameters in The Gastrointestinal Tract of Rats Treated with Sodium Arsenite. **2022**, 37, 83-92
- 203 Chemopreventive effects of *Costus comosus* Linn against diethylnitrosamine-induced hepatocellular carcinoma in rats. **2022**, 11, 375-382
- 202 Trace Element Status and Postoperative Morbidity After On-pump Coronary Artery Bypass Surgery. 0
- 201 Quercetin attenuates cyclophosphamide induced-immunosuppressive indoleamine 2,3-dioxygenase in the hippocampus and cerebral cortex of male Wister rats. 0
- 200 Morin Augmented Myocardial eNOS/cGMP/PKG Signaling Pathway and Abated Oxidative and Inflammo-apoptotic Responses in Diethyl Phthalate and Bisphenol-S Co-Exposed Male Albino Rats.
- 199 Model Study on the Catalytic Cycle of Glutathione Peroxidase Utilizing Selenocysteine-Containing Tripeptides: Elucidation of the Protective Bypass Mechanism Involving Selenocysteine Selenenic Acids. 1
- 198 Oxidative Stress-Related Semen Quality and Fertility in the Male Arabian Yellowfin Sea Bream (*Acanthopagrus arabicus*) Fed a Selenium Nanoparticle-Supplemented Plant Protein-Rich Diet. **2022**, 2022, 1-17

- 197 Synthesis, Catalytic GPx-like Activity, and SET Reactions of Conformationally Constrained 2,7-Dialkoxy-Substituted Naphthalene-1,8-*peri*-diselenides. **2022**, 7, 27312-27323
- 196 Advances in the Study of the Mechanism by Which Selenium and Selenoproteins Boost Immunity to Prevent Food Allergies. **2022**, 14, 3133 0
- 195 Modulation of biotransformation enzymes leads to oxidative stress and DNA damage in naphthalene exposed marine bivalve *Perna viridis*. 9,
- 194 Selenoprotein: Potential Player in Redox Regulation in *Chlamydomonas reinhardtii*. **2022**, 11, 1630 3
- 193 The risk assessment of high-fat diet in farmed fish and its mitigation approaches: A review. 0
- 192 Protective and detoxifying effects conferred by selenium against mycotoxins and livestock viruses: A review. 9, 0
- 191 Iridoid glycoside Aucubin protects against nonylphenol-induced testicular damage in male rats via modulation of steroidogenic and apoptotic signaling. **2022**, 12,
- 190 Dietary selenium sources alleviate immune challenge induced by *Salmonella* Enteritidis potentially through improving the host immune response and gut microbiota in laying hens. 13,
- 189 Quercetin-3-O- β -D-Glucopyranoside-Rich Fraction from *Spondias mombin* Leaves Halted Responses from Oxidative Stress, Neuroinflammation, Apoptosis, and Lipid Peroxidation in the Brain of Dichlorvos-Treated Wistar Rats. **2022**, 10, 477 1
- 188 Flavonoid-rich fractions of *C. volubile* and *V. amygdalina* alleviates arsenic-induced neurotoxicity by improving neurosignaling and antioxidant capacity in rats' brain. **2022**, 100050
- 187 *Trichopus zeylanicus* ameliorates ibuprofen inebriated hepatotoxicity and enteropathy: an insight into its modulatory impact on pro/anti-inflammatory cytokines and apoptotic signaling pathways. 0
- 186 Effect of chitosan on cardio-metabolic risk factors induced by high fat diet in rats.
- 185 Nano diosgenin abates DMBA induced renal and hepatic toxicities: biochemical and histopathological evaluation on breast cancer model. **2022**, 18,
- 184 Caryophyllene modulates B-cell lymphoma gene-2 family genes and inhibits the intrinsic pathway of apoptosis in isoproterenol-induced myocardial infarcted rats; A molecular mechanism. **2022**, 175181 1
- 183 Polymer Systems for Ionizing Radiation Dosimetry and Radiotherapy. **2022**, 135-155
- 182 Voyage of selenium from environment to life: Beneficial or toxic?. 0
- 181 Evaluation of Selected Trace Elements and Glutathione Peroxidase Levels in Female Infertility. **2022**, 7, 374-381 0
- 180 Selenoproteins in brain development and function. **2022**, 190, 105-115 0

- 179 Apocynin loaded silver nanoparticles displays potent in vitro biological activities and mitigates pyrogallol-induced hepatotoxicity. **2022**, 365, 110069 1
- 178 Effects of enrichment Artemia with organic selenium and essential fatty acids on growth performance and fatty acid composition of barramundi (*Lates calcarifer*) larvae. **2022**, 55, 102595
- 177 Immunomulation effect of alginic acid and chitooligosaccharides in silver carp (*Hypophthalmichthys molitrix*). **2022**, 128, 592-603 0
- 176 Selenium nanoparticles and omega-3 fatty acid enhanced thermal tolerance in fish against arsenic and high temperature. **2022**, 261, 109447
- 175 Evaluation of the anti-aflatoxin potential of Clove (*Eugenia caryophyllata* L.). **2022**, 150, 633-640
- 174 Dietary tryptophan requirement of fingerling *Channa punctatus* (Bloch) based on growth, hematological parameters, intestinal enzymes, non-specific immune response, and antioxidant capacity. **2023**, 562, 738745 0
- 173 Fluted pumpkin seeds protect the spermatogenesis score index and testicular histology of caffeine treated rats. 0
- 172 Selenoprotein P [Selenium transport protein, enzyme and biomarker of selenium status. **2022**, 191, 150-163 2
- 171 Inhibition of oxidative stress, IL-13, and WNT/ β -catenin in ovalbumin-sensitized rats by a novel organogel of *Punica granatum* seed oil saponifiable fraction. **2022**, 154, 113667 0
- 170 Effects of dietary supplementation with selenium yeast and jujube powder on mitochondrial oxidative damage and apoptosis of chicken. **2022**, 101, 102072 0
- 169 Morin attenuates neurobehavioural deficits, hippocampal oxidative stress, inflammation, and apoptosis in rats co-exposed to bisphenol S and diethyl phthalate. **2022**, 1794, 148068 0
- 168 Regulation of the NF- κ B signaling pathway and IL-13 in asthmatic rats by aerosol inhalation of the combined active constituents of *Punica granatum* juice and peel. **2022**, 155, 113721 0
- 167 Efficacy of *Trevesia palmata* (Roxb. ex Lindl.) Vis. Extract on MG 63 cell lines and arthritis-induced animal models. **2023**, 300, 115742 0
- 166 Adaptogenic and immunomodulatory activity of Virgozest Avaleha [An ayurvedic proprietary formulation. **2020**, 41, 255 0
- 165 Selenium in Food Chain in Relation to Human and Animal Nutrition and Health. **2022**, 383-436 1
- 164 Anticancer Properties of Selenium-Enriched Oyster Culinary-Medicinal Mushroom, *Pleurotus ostreatus* (Agaricomycetes), in Colon Cancer In Vitro. **2022**, 24, 1-20 1
- 163 Efficacy of *Trevesia Palmata* (Roxb. Ex Lindl.) Vis. Extract on MG 63 Cell Lines and Arthritis-Induced Animal Models. 0
- 162 Exposure to lead and dietary furan intake aggravates hypothalamus-pituitary-testicular axis toxicity in chronic experimental rats. **2022**, 37, 1 0

161	Background level, occurrence, speciation, bioavailability, uptake, detoxification mechanisms and management of Se-polluted soil. 2022 , 255-282	0
160	Antidiabetic effects of nerolidol through promoting insulin receptor signaling in high-fat diet and low dose streptozotocin-induced type 2 diabetic rats. 2022 , 41, 096032712211264	0
159	Targeting the Antioxidant Enzymes for the Treatment of Reactive Oxygen Species (ROS)-Induced Cancer. 2022 , 3857-3876	0
158	Selenium in human and animal nutrition and need for selenium fertilization of crops. 2022 , 92, 431-437	0
157	Stress and antioxidative status of Zovawk piglets at different intervals of weaning. 2022 , 92, 513-516	0
156	Reliable Quantification of Ultratrace Selenium in Food, Beverages, and Water Samples by Cloud Point Extraction and Spectrometric Analysis. 2022 , 14, 3530	1
155	Protective effect of nano-selenium on mercury-induced prehierarchical follicular atresia in laying hens. 2022 , 102190	0
154	Biosynthesis of selenium-containing small molecules in diverse microorganisms. 2022 , 610, 199-204	2
153	Zingiber officinale and Vernonia amygdalina Infusions Improve Redox Status in Rat Brain. 2022 , 2022, 1-9	0
152	Exposure to low-dose arsenic caused teratogenicity and upregulation of proinflammatory cytokines in zebrafish embryos.	0
151	In vitro toxicological assessment of PhSeZnCl in human liver cells.	0
150	Protective effects of a polyherbal medicine, Majoon Suranjan against bisphenol-A induced genetic, oxidative and tissue damages. 1-13	0
149	Ingestion and impacts of water-borne polypropylene microplastics on Daphnia similis.	1
148	Dextran sodium sulfate alters antioxidant status in the gut affecting the survival of Drosophila melanogaster. 2022 , 12,	0
147	Genetic polymorphism impact superoxide dismutase and glutathione peroxidase activity in charcoal workers.	0
146	Dietary myricetin assuages atrazine-mediated hypothalamic-pituitary-testicular axis dysfunction in rats.	0
145	The abnormal glucose metabolism due to endogenous serine synthesis for selenoprotein expression 'in vitro under high-Se.	0
144	Effects of dietary Syzygium aromaticum leaf meal supplementation on blood profile and oxidative status of laying hens. 2022 , 46,	0

- 143 Nephrotoxicity of gasoline fumes in male albino rat: a mechanism-based approach study. **2022**, 15, 1075-1085 ○
- 142 *Commelina benghalensis* (Wandering Jew) Linn exhibits abortifacient potentials and hepatotoxicity in pregnant Wistar rats via elevating indicators of oxidative stress and activating proinflammatory cytokines. **2022**, 115803 ○
- 141 Antioxidant, antiproliferative, and apoptotic activity of thymoquinone against benzo(a)pyrene-induced experimental lung cancer. ○
- 140 Accidental lead in contaminated pipe-borne water and dietary furan intake perturbs rats' hepatorenal function altering oxidative, inflammatory, and apoptotic balance. **2022**, 23, ○
- 139 Diphenyl diselenide modulates antioxidant status, inflammatory and redox-sensitive genes in diesel exhaust particle-induced neurotoxicity. **2022**, 367, 110196 1
- 138 Sulfated polysaccharides from *Caulerpa sertularioides*: Extraction and evaluation of antioxidant, antibacterial, and immunological properties. **2022**, 188, 115671 ○
- 137 Clinical status and endoscopy of the upper respiratory tract of dairy calves infected with Bovine viral diarrhea virus 2 and Bovine herpes virus 1 after vaccination and trace minerals injection. **2022**, 152, 582-595 ○
- 136 Exposure to lead and dietary furan intake aggravates hypothalamus-pituitary-testicular axis toxicity in chronic experimental rats. **2022**, 37, 1 ○
- 135 Nutritional supplementation and enhanced antioxidant function by dietary intake of selenoneine and other selenium compounds in red seabream *Pagrus major*. ○
- 134 Dietary Antioxidant Curcumin Mitigates CuO Nanoparticle- Induced Cytotoxicity through the Oxidative Stress Pathway in Human Placental Cells. **2022**, 27, 7378 ○
- 133 Tumor preventive and antioxidant efficacy of chlorogenic acid loaded chitosan nanoparticles in experimental skin carcinogenesis. ○
- 132 The Relationship Between Plasma Selenium, Antioxidant Status, Inflammatory Responses and Ischemic Cardiomyopathy: A Case-Control Study Based on Matched Propensity Scores. Volume 15, 5757-5765 ○
- 131 Hematological changes, redox imbalance, and changes in Na⁺/K⁺-ATPase activity caused by bisphenol-A and the integrated biomarker responses in *Labeo rohita* (Hamilton, 1822). **2022**, 159844 ○
- 130 The protective effect of 3-indolepropanoic acid on aflatoxin B1-induced systemic perturbation of the liver and kidney function in rats. ○
- 129 Unexpected Formation and Potent Antioxidant Activity of Macrocyclic Dimers Containing Disulfide and Selenide Groups. ○
- 128 Antioxidant activities of artesunate-procyanidin hybrid compound in erythrocyte and liver of *Plasmodium berghei* NK65-infected mice. ○
- 127 Antioxidant Efficacy of Selected Plant Extracts Debilitates the Plasmodium Invasion through Erythrocytic Membrane Stabilisation - An In Vitro Study. ○
- 126 Unexpected Formation and Potent Antioxidant Activity of Macrocyclic Dimers Containing Disulfide and Selenide Groups. ○

125	Effects of heavy pollution in different water bodies on male rainbow trout (<i>Oncorhynchus mykiss</i>) reproductive health.	0
124	Zinc and selenium mitigated heavy metals mixture (Pb, Al, Hg and Mn) mediated hepatic-nephropathy via modulation of oxido-inflammatory status and NF-kB signaling in female albino rats. 2022 , 481, 153350	0
123	Substituting palm oil for fish oil in feeds for juvenile rohu, <i>Labeo rohita</i> : effects on growth performance, fillet fatty acid composition, and antioxidant capacity.	0
122	Ferroptosis and its role in skeletal muscle diseases. 9,	0
121	Therapeutic Potential of Reserpine in Metabolic Syndrome: An Evidence Based Study. 2022 , 106531	0
120	Banana peel ameliorated hepato-renal damage and exerted anti-inflammatory and anti-apoptotic effects in metal mixture mediated hepatic nephropathy by activation of Nrf2/ Hmox-1 and inhibition of Nfkb pathway. 2022 , 170, 113471	1
119	Zinc normalizes hepatic lipid handling via modulation of ADA/XO/UA pathway and caspase 3 signaling in highly active antiretroviral therapy-treated Wistar rats. 2022 , 368, 110233	0
118	Effect of Bergenin on the Kidney of C57BL/6J Mice with High Fat-Diet Induced Oxidative Stress. 54, 58-65	0
117	Toxic effect of heavy metals on ovarian deformities, apoptotic changes, oxidative stress, and steroid hormones in rainbow trout. 2023 , 75, 127106	0
116	Influence of furan and lead co-exposure at environmentally relevant concentrations on neurobehavioral performance, redox-regulatory system and apoptotic responses in rats. 2022 , 104011	0
115	Histopathological and Biochemical Changes in the Gills of <i>Anabas testudineus</i> on Exposure to Polycyclic Aromatic Hydrocarbon Naphthalene.	0
114	The preventive effects of <i>Centaurea maroccana</i> Ball. extract against oxidative stress induced by cisplatin in mice brains: <i>in vitro</i> and <i>in vivo</i> studies. 1-14	0
113	Impact of selenium on the intestinal microbiome-eCBome axis in the context of diet-related metabolic health in mice. 13,	0
112	Current Strategies for Selenium and Iodine Biofortification in Crop Plants. 2022 , 14, 4717	2
111	Co-administration of <i>Pterocarpus marsupium</i> Extract and Glibenclamide exhibits better effects in regulating hyperglycemia and associated changes in alloxan-induced diabetic mice. 2022 , 23,	1
110	Antioxidant and anti-inflammatory activities of <i>Centratherum anthelminticum</i> (L.) Kuntze seed oil in diabetic nephropathy via modulation of Nrf-2/HO-1 and NF-B pathway. 2022 , 22,	0
109	Tumor preventive and antioxidant efficacy of chlorogenic acid loaded chitosan nanoparticles in experimental skin carcinogenesis.	0
108	Lipid composition and oxidative changes in diabetes and alcoholic diabetes rats. 2022 , 102453	0

107	Trace Elements in Pediatric Nutrition. 1977 , 24, 191-231	3
106	Alternariol alleviates breast carcinoma by inhibiting cellular proliferation correlated with increased apoptotic events in rats. 2022 , 20, 1721727X2211394	1
105	Co-exposure to aflatoxin B1 and therapeutic coartem worsens hepatic and renal function through enhanced oxido-inflammatory responses and apoptosis in rats. 2023 , 222, 106988	0
104	Syringic acid ameliorates testicular oxidative stress via the conservation of endogenous antioxidant markers and inhibition of the activated Nrf2-Keap1-NQO1-HO1 signaling in methyl cellosolve-administered rats. 2023 , 6, 100207	0
103	Voacanga grandifolia (Miq.) Rolfe protects against alcohol-induced liver toxicity in rats. 2022 , 12, 504	0
102	Study the effect of genistein on reproductive functions in male diabetic rats. 2022 , 50, 117	0
101	Effects of selenium deficiency on biological results of X-ray and carbon-ion beam irradiation in mice. 2022 ,	0
100	Selenium in Biocatalysis.	0
99	Macro and Micro Nutrient Content in Raw and Cooked Forms of Black Rice and White Rice. 116-126	0
98	Effect of summer stress and supplementation of vitamin E and selenium on heat shock protein 70 and anti-oxidant status in Hallikar cattle. 2022 , 90, 610-613	0
97	Pharmacological Evaluation of Polyherbal Formulation for Nephroprotective Activity. 393-411	0
96	Combined Effects of Cadmium- and Cyanide-Contaminated Diet on Oxidative Stress Biomarkers in Different Tissues of Rats. 2022 , 29, E202244	0
95	Protective effect of selenomethionine on kidney injury induced by ochratoxin A in rabbits.	0
94	A biochemical and histology experimental approach to investigate the adverse effect of chronic lead acetate and dietary furan on rat lungs.	0
93	Minerals and Trace Elements in 990 Beverages and Their Contribution to Dietary Reference Values for German Consumers. 2022 , 14, 4899	0
92	The Potential Antiviral Effects of Selenium Nanoparticles and Coated Surfaces. 2022 , 11, 1683	0
91	Tumor preventive and antioxidant efficacy of chlorogenic acid loaded chitosan nanoparticles in experimental skin carcinogenesis.	1
90	Ameliorative effect of Vitis vinifera (Linn.) seed extract on lead acetate induced oxidative damage on testis and sperm quality in Wistar rats.	0

- 89 Short-term toxicity of chloroacetanilide herbicide on non-target organism: estimation of median-lethal concentration, hematological, biochemical, ion regulation, and antioxidants. 0
- 88 Click Chemistry of Selenium Dihalides: Novel Bicyclic Organoselenium Compounds Based on Selenenylation/Bis-Functionalization Reactions and Evaluation of Glutathione Peroxidase-like Activity. **2022**, 23, 15629 0
- 87 Combination of Biochemical, Molecular, and Synchrotron-Radiation-Based Techniques to Study the Effects of Silicon in Tomato (*Solanum Lycopersicum* L.). **2022**, 23, 15837 1
- 86 Hesperetin attenuates teicoplanin-induced acute kidney injury by mitigating oxidative stress and inflammation in Wistar rats. **2022**, 2022, 8-16 0
- 85 Lycopene abolishes Palmitate-mediated myocardial inflammation in Female Wistar Rats via modulation of lipid metabolism, NF- κ B signalling pathway, and augmenting the antioxidant systems. **2022**, 0
- 84 Zn and Se abrogate heavy metal mixture induced ovarian and thyroid oxido-inflammatory effects mediated by activation of NRF2-HMOX-1 in female albino rats. **2022**, 100098 0
- 83 Selenium in Bodily Homeostasis: Hypothalamus, Hormones, and Highways of Communication. **2022**, 23, 15445 3
- 82 Andrographolide protects acute ultraviolet-B radiation-induced photodamages in the mouse skin. 0
- 81 Physiological changes and gene responses during *Ganoderma lucidum* growth with selenium supplementation. 10, e14488 0
- 80 Applied Selenium as a Powerful Antioxidant to Mitigate the Harmful Effects of Salinity Stress in Snap Bean Seedlings. **2022**, 12, 3215 2
- 79 *Anacardium occidentale* leaves extract and riboceine mitigate hyperglycemia through anti-oxidative effects and modulation of some selected genes associated with diabetes. 0
- 78 Green nanotechnology for controlling bacterial load and heavy metal accumulation in Nile tilapia fish using biological selenium nanoparticles biosynthesized by *Bacillus subtilis* AS12. 13, 0
- 77 Lipid and Protein Oxidation of Brown Rice and Selenium-Rich Brown Rice during Storage. **2022**, 11, 3878 0
- 76 Evaluation of biodistribution and kinetics of tungsten disulphide quantum dots by Inductively coupled plasma mass spectroscopy: A detailed in vivo QD-bio interactions study. **2023**, 113153 0
- 75 Non-steroidal Anti-inflammatory Drug (NSAID) Naproxen-Induced Hepatotoxicity in a Freshwater Fish *Labeo rohita*. **2023**, 234, 0
- 74 Neuroprotective effects of methyl jasmonate in male Wistar rats exposed to delayed acetic acid-induced ulcerative colitis: involvement of antioxidant status, GFAP, and IBA-1 immunoreactivities. 0
- 73 Alkyl borane-mediated metal-free ring-opening (co)polymerizations of oxygenated monomers. **2023**, 136, 101644 0
- 72 Therapeutic role of biogenic silver and gold nanoparticles against a DMH-induced colon cancer rat model. **2023**, 213279 1

- 71 Biomarkers as ecological indices in monitoring the status of market fish. **2023**, 84, ○
- 70 Electrochemical Oxidative Selenation of 4 H -Pyrido-[1,2- a]-pyrimidin-4-ones with Diorganyldiselenides. **2023**, 8, ○
- 69 Side-by-side comparison of recombinant human glutathione peroxidases identifies overlapping substrate specificities for soluble hydroperoxides. **2023**, 59, 102593 ○
- 68 Preventive effect of quercetin-Loaded nanophytosome against autistic-like damage in maternal separation model: The possible role of Caspase-3, Bax/Bcl-2 and Nrf2. **2023**, 441, 114300 1
- 67 Syringic acid demonstrates better anti-apoptotic, anti-inflammatory and antioxidative effects than ascorbic acid via maintenance of the endogenous antioxidants and downregulation of pro-inflammatory and apoptotic markers in DMN-induced hepatotoxicity in rats. **2023**, 33, 101428 ○
- 66 Dietary selenium supplementation alleviates low salinity stress in the Pacific white shrimp *Litopenaeus vannamei*: growth, antioxidative capacity and hepatopancreas transcriptomic responses. 1-11 ○
- 65 Study to Analyse the Chemotherapeutic Effect of Propolis And Withaferin-A on Benz (A) Pyrene Induced Lipid Peroxidation and Antioxidant System in Wistar Rats. **2022**, 19, 1105-1111 ○
- 64 Therapeutic benefit of ursodeoxycholic acid in tamoxifen-induced hepatotoxicity in Wistar rats. **2022**, 91, e743 ○
- 63 *XylopiA Aethiopica* Suppresses Markers of Oxidative Stress, Inflammation and Cell Death in the Brain of Wistar Rats Exposed to Glyphosate. ○
- 62 Glutathione peroxidase-like nanozymes: Mechanism, classification, and bioapplication. 1
- 61 Neurobehavioral and biochemical responses to artemisinin-based drug and aflatoxin B1 co-exposure in rats. ○
- 60 Response of hepatic biochemical parameters and neurotoxicity to carbamazepine and ibuprofen in *Oreochromis mossambicus*. ○
- 59 Combined cerium and zinc oxide nanoparticles induced hepato-renal damage in rats through oxidative stress mediated inflammation. ○
- 58 Combined Protective Effects of Quercetin, Rutin, and Gallic Acid against Cadmium-Induced Testicular Damages in Young-Adult Rats. **2023**, 2023, 1-13 ○
- 57 ROLE OF SELENIUM SUPPLEMENTATION ON ANTIOXIDANT CHANGES IN WISTAR ALBINO RATS AFTER CHRONIC RESTRAINT STRESS. 87-90 ○
- 56 Turning carbon dots into selenium bearing nanoplatfoms with in vitro GPx-like activity and pro-oxidant activity. ○
- 55 Protocatechuic acid mitigates CuO nanoparticles-induced toxicity by strengthening the antioxidant defense system and suppressing apoptosis in liver cells. **2023**, 35, 102585 ○
- 54 Phytochemical profiling of polyphenols and thyroid stimulatory activity of *Ficus religiosa* leaf extract in 6-propyl-thiouracil-induced hypothyroid rats. **2023**, 116479 ○

- 53 Effect of selenium, vitamin C and highly unsaturated fatty acids- enriched *Brachionus calyciflorus* on growth, survival, physio-metabolic and anti-oxidative responses in *Anabas testudineus* (Bloch, 1792) larvae. **2023**, 568, 739293 ○
- 52 Methyl cellosolve-induced hepatic oxidative stress: The modulatory effect of syringic acid on Nrf2-Keap1-Hmox1-NQO1 signaling pathway in rats. **2023**, 3, 100434 ○
- 51 Effect of combined application of selenium and hydrogen sulfide under salinity stress on yield, physiological traits and biofortification of strawberries in hydroponic cultivation. **2023**, 315, 111982 ○
- 50 AMPK activation by AICAR reduces diet induced fatty liver in C57BL/6 mice. **2023**, 82, 102054 ○
- 49 Implication of Lupeol in compensating Sorafenib-induced perturbations of redox homeostasis: A preclinical study in mouse model. **2023**, 322, 121647 ○
- 48 Selenium in soil-plant system: Transport, detoxification and bioremediation. **2023**, 452, 131272 ○
- 47 Natural antioxidant curcumin attenuates NiO nanoparticle-induced cytotoxicity in mouse spermatogonia cells: A mechanistic study. **2023**, 35, 102624 ○
- 46 Hake heads proteins hydrolysates as a source of bioactive peptides with prevention against hypercholesterolemia in mice: The involvement of oxidative dysfunction in hepatic tissues. **2023**, 2, 100266 ○
- 45 Dual antidiabetic and antihypertensive activity of fucoxanthin isolated from *Sargassum wightii* Greville in in vivo rat model. **2023**, 12, 1693-1700 ○
- 44 Effect of formulated polyherbal tea blends on erectile function biomarkers in streptozotocin (STZ)-induced diabetic Male Rats. **2023**, 2, 100237 ○
- 43 Effect of Bitter-leaf (*Vernonia amygdalina*) Flavored Non-alcoholic Wheat Beer (NAWB) on, Insulin and GLUT-2 expression in Pancreas of High fat diet/Streptozotocin (HFD/STZ) Induced Diabetic Wistar Rats. ○
- 42 Multi-element and metabolite characterization of commercial *Phyllanthi Fructus* with geographical authentication and quality evaluation purposes. **2023**, 109787 ○
- 41 Benfotiamine attenuates the high-carbohydrate diet-induced mitochondrial redox imbalance in fish *Megalobrama amblycephala* by activating SIRT3. **2023**, 572, 739553 ○
- 40 Early Detection Is the Best Prevention Characterization of Oxidative Stress in Diabetes Mellitus and Its Consequences on the Cardiovascular System. **2023**, 12, 583 1
- 39 Study of the dandelion on some physiological parameters against induced by monosodium glutamate in male white rabbits (*Lepus arcticus*). **2023**, ○
- 38 The Long Story of Ebselen: From about One Century of its Synthesis to Clinical Trials. **2023**, 567-591 ○
- 37 Sulfur and Selenium in Nutrition Biology. **2023**, 683-704 ○
- 36 The Discovery of Glutathione Peroxidases: Milestones in Understanding the Biological Role of Selenium und Sulfur. **2023**, 603-624 ○

- 35 Mechanistic insight into the protective effects of fisetin against arsenic-induced reproductive toxicity in male rats. **2023**, 13, ○
- 34 Effect of Quercetin Nanoparticles on Hepatic and Intestinal Enzymes and Stress-Related Genes in Nile Tilapia Fish Exposed to Silver Nanoparticles. **2023**, 11, 663 ○
- 33 Evaluation of hazards of electronic -cigarette liquid refill on testes of mice, complemented by histopathological and chromatographic analysis. **2023**, 47, 90-103 ○
- 32 Caesalpinia bonducella Counteracts Paracetamol-Instigated Hepatic Toxicity via Modulating TNF- α and IL-6/10 Expression and Bcl-2 and Caspase-8/3 Signalling. ○
- 31 Comparisons of physicochemical features and hepatoprotective potentials of unprocessed and processed polysaccharides from Polygonum multiflorum Thunb.. **2023**, 235, 123901 ○
- 30 Effects of dietary Euphorbia heterophylla extract on the growth performance, physiological, antioxidative and immune responses of Clarias gariepinus juveniles. ○
- 29 High-protein, low glycemic index snack from optimized blend of three wholegrains exhibit nutraceutical quality and elicit low glycemic response in diabetic human subjects. ○
- 28 Kolaviron modulates angiogenesis, apoptosis and inflammatory signaling in rat model of testosterone propionate-induced benign prostate hyperplasia. ○
- 27 Antidiabetic, antihyperlipidemic and protective effects of Gladiolus psittacinus on hyperglycemia-mediated oxidative stress in streptozotocin-induced diabetic rats. **2023**, ○
- 26 Iodine Catalysed Oxidative Cross-Coupling of Thioureas and Amines without Desulfurization. ○
- 25 A study to assess the health effects of an anticancer drug (cyclophosphamide) in zebrafish (Danio rerio): eco-toxicity of emerging contaminants. ○
- 24 Daidzein Ameliorates Cerebral Ischemic-reperfusion Induced Neuroinflammation in Wistar Rats via Inhibiting NF- κ B Signaling Pathway. **2023**, 19, 85-96 ○
- 23 Triptonide Ameliorates Middle Cerebral Artery Occlusion-induced Cerebral Ischemic Damage in Rats via Regulation of Inflammatory Response. **2023**, 19, 75-84 ○
- 22 Structural basis for the tRNA-dependent activation of the terminal complex of selenocysteine synthesis in humans. ○
- 21 Introduction of Methyl Group in Substituted Isoselenazolones: Catalytic and Mechanistic Study. **2023**, 88, 4273-4285 ○
- 20 Biochemical, Genotoxic and Histological Implications of Polypropylene Microplastics on Freshwater Fish Oreochromis mossambicus: An Aquatic Eco-Toxicological Assessment. **2023**, 11, 282 ○
- 19 Biochemical Evaluation of Antioxidant properties of A Zn-Avicularin Complex Studied in High Fat Diet Fed- Low Dose Streptozotocin Induced Experimental Type 2 Diabetes in Rats. **2023**, 145-152 ○
- 18 Serum Cu, Zn and IL- β Levels May Predict Fetal Miscarriage Risk After IVF Cycles: A Nested Case-Control Study. ○

- 17 A Novel Glucose-6-Phosphate Isomerase Exists in Chicken Breast Meat: A Selenium-Containing Enzyme that Should Be Re-recognized Through New Eyes. ○
- 16 Banana peel extract alleviate inflammation and oxidative stress via modulation of the Nrf2/Hmox-1 and NF- κ B pathways in thyroid of heavy metal mixture exposed female rats. **2023**, 7, 239784732311674 ○
- 15 The Hydrophobic Extract of Sorghum bicolor (L. Moench) Enriched in Apigenin-Protected Rats against Aflatoxin B1-Associated Hepatorenal Derangement. **2023**, 28, 3013 ○
- 14 Exopolysaccharides-Mediated ZnO Nanoparticles for the Treatment of Aquatic Diseases in Freshwater Fish Oreochromis mossambicus. **2023**, 11, 313 ○
- 13 Octyl Gallate and Gallic Acid Isolated from Terminalia bellirica Circumvent Breast Cancer Progression by Enhancing the Intrinsic Apoptotic Signaling Pathway and Elevating the Levels of Anti-oxidant Enzymes. ○
- 12 Hepatocorrective effects of Hydroethanolic Extract of Cocos nucifera L. sprout and Borassus flabellifer Sprout in Carbon tetrachloride (CCl₄) induced hepatotoxic rats. **2023**, 483-488 ○
- 11 Seasonal fluctuations of antioxidant enzymes and biochemical compositions of Apis mellifera adansonii L. from three ecological zones of Nigeria. **2023**, 84, ○
- 10 Effect of the Anticancer Drug Doxorubicin (Adriamycin) on Antioxidant Studies and Ultrastructural Investigation in the Liver, Kidney, and Heart Tissues of Male Rats. **2023**, 20, 293-305 ○
- 9 Xylopiia aethiopica suppresses markers of oxidative stress, inflammation, and cell death in the brain of Wistar rats exposed to glyphosate. ○
- 8 The neuroprotective effects of the combined extract of mulberry fruit and mulberry leaf against hydrogen peroxide-induced cytotoxicity in SH-SY5Y Cells. **2023**, 23, ○
- 7 L-carnitine-loaded nanoparticle ameliorates cypermethrin-induced reproductive toxicity in adult male rats. **2023**, 14, 147 ○
- 6 Glutamine supplementation attenuates bisphenol a-induced testicular toxicity in rats. **2022**, 15, 337 ○
- 5 Naringenin blocks hepatic cadmium accumulation and suppresses cadmium-induced hepatotoxicity via amelioration of oxidative inflammatory signaling and apoptosis in rats. 1-9 ○
- 4 Development of 3, 3'-diindolylmethane incorporated with chitosan nanoparticles for enhancing the anticancer efficiency against breast cancer through targeting apoptosis signalling axis. ○
- 3 Rhamnetin alleviates polystyrene microplastics-induced testicular damage by restoring biochemical, steroidogenic, hormonal, apoptotic, inflammatory, spermatogenic and histological profile in male albino rats. **2023**, 42, 096032712311733 ○
- 2 Chemistry Related to the Catalytic Cycle of the Antioxidant Ebselen. **2023**, 28, 3732 ○
- 1 Manganese Abated Indomethacin-induced Gastrohepatorenal Toxicities in Rats via Suppression of Oxidative Stress, Polyamine Catabolism, Inflammation and Activation of Caspase-3. **2023**, 100070 ○