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**A rapid, simple spectrophotometric method for simultaneous detection of nitrate and nitrite**

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2077	High levels of oxidative stress in patients with advanced lung cancer. <b>2008</b> , 13, 112-6	87
2076	Protective effect of N-acetylcysteine against radiation induced DNA damage and hepatic toxicity in rats. <b>2008</b> , 75, 773-80	82
2075	The effects of <i>Yucca schidigera</i> and <i>Quillaja saponaria</i> on DNA damage, protein oxidation, lipid peroxidation, and some biochemical parameters in streptozotocin-induced diabetic rats. <b>2008</b> , 22, 348-56	33
2074	Cerebrospinal fluid brain specific proteins in relation to nitric oxide metabolites during relapse of multiple sclerosis. <b>2008</b> , 14, 59-66	53
2073	Nitrite and nitrate measurement by Griess reagent in human plasma: evaluation of interferences and standardization. <b>2008</b> , 440, 361-80	203
2072	Serum nitric oxide metabolite levels in a general healthy population: relation to sex and age. <b>2008</b> , 83, 326-31	58
2071	Prolonged root hypoxia induces ammonium accumulation and decreases the nutritional quality of tomato fruits. <b>2008</b> , 165, 1352-9	31
2070	Preconditioning with oxygen attenuates rat renal ischemia-reperfusion injury. <b>2008</b> , 146, 282-8	17
2069	L-NAME prevents GM1 ganglioside-induced vasodilation in the rat brain. <b>2008</b> , 53, 362-9	6
2068	Leaf nitrogen productivity as a mechanism driving the success of invasive annual grasses under low and high nitrogen supply. <b>2008</b> , 72, 1775-1784	41
2067	Short-term population dynamics of ammonia oxidizing bacteria in an agricultural soil. <b>2008</b> , 40, 13-18	36
2066	Cover crops and cultivation: Impacts on soil N dynamics and microbiological function in a Mediterranean vineyard agroecosystem. <b>2008</b> , 40, 370-380	102
2065	Preconditioning by inhaled nitric oxide prevents hyperoxic and ischemia/reperfusion injury in rat lungs. <b>2008</b> , 21, 418-29	14

2064	Mesenchymal stem cell-mediated immunosuppression occurs via concerted action of chemokines and nitric oxide. <b>2008</b> , 2, 141-50	1463
2063	Epidermal sensing of oxygen is essential for systemic hypoxic response. <b>2008</b> , 133, 223-34	135
2062	Ameliorative effects of proanthocyanidin on renal ischemia/reperfusion injury. <b>2008</b> , 30, 931-8	25
2061	Seedling Growth and Nutrient Content of Two Desert Shrubs Growing in Amended Soil. <b>2008</b> , 22, 46-61	5
2060	Effect of iron-quercetin complex on reduction of nitrite in in vitro and in vivo systems. <b>2008</b> , 56, 10092-8	7
2059	Scavenging of peroxynitrite reduces renal ischemia/reperfusion injury. <b>2008</b> , 30, 747-54	39
2058	The relationship of the interleukin-6 -174 G>C gene polymorphism with oxidative stress markers in Turkish polycystic ovary syndrome patients. <b>2008</b> , 31, 624-9	23
2057	Adipose tissue loss in adjuvant arthritis is associated with a decrease in lipogenesis, but not with an increase in lipolysis. <b>2008</b> , 197, 111-9	28
2056	Urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine in patients with parasite infection and effect of antiparasitic drug in relation to cholangiocarcinogenesis. <b>2008</b> , 17, 518-24	61
2055	Effects of melatonin on ischemic spinal cord injury caused by aortic cross clamping in rabbits. <b>2008</b> , 5, 46-51	10
2054	GH-releasing peptide-2 administration prevents liver inflammatory response in endotoxemia. <b>2008</b> , 294, E131-41	29
2053	Cyclooxygenase-2 [corrected] activation by endotoxin mediates the decrease in IGF1, but not in IGFBP3, [corrected] gene expression in the liver. <b>2008</b> , 198, 385-94	5
2052	Oxidative stress markers in young patients with polycystic ovary syndrome, the relationship between insulin resistances. <b>2008</b> , 116, 231-5	33
2051	Renoprotective effects of soy protein hydrolysates in N(omega)-nitro-L-arginine methyl ester hydrochloride-induced hypertensive rats. <b>2008</b> , 31, 1477-83	3
2050	The protective effects of N-acetyl-L-cysteine and epigallocatechin-3-gallate on electric field-induced hepatic oxidative stress. <b>2008</b> , 84, 669-80	19
2049	Efficacy of natural wetlands to retain nutrient, sediment and microbial pollutants. <b>2008</b> , 37, 1837-46	60
2048	Growth, nutrition, and soil respiration of a mycorrhiza-defective tomato mutant and its mycorrhizal wild-type progenitor. <b>2008</b> , 35, 228-235	35
2047	Determinaci3n de nitrito como metabolito estable del 3ido n3rico en el l3quido sinovial de articulaci3n metacarpofal3ngica equina. <b>2009</b> , 41,	

2046	Pro-inflammatory and oxidative stress pathways which compromise sperm motility and survival may be altered by L-carnitine. <b>2009</b> , 2, 73-81	49
2045	Novel role of the nitrite transporter NirC in Salmonella pathogenesis: SPI2-dependent suppression of inducible nitric oxide synthase in activated macrophages. <b>2009</b> , 155, 2476-2489	45
2044	Neutrophils and macrophages cooperate in host resistance against Leishmania braziliensis infection. <b>2009</b> , 183, 8088-98	107
2043	Protective effect of Millettia reticulata Benth against CCl(4)-induced hepatic damage and inflammatory action in rats. <b>2009</b> , 12, 821-8	14
2042	Penile blood cyclic guanosin monophosphate level is associated with penile Doppler ultrasound findings. <b>2009</b> , 21, 51-6	1
2041	Ibuprofen impairs allosterically peroxynitrite isomerization by ferric human serum heme-albumin. <b>2009</b> , 284, 31006-17	38
2040	Uptake of inorganic and amino acid nitrogen from soil by Eucalyptus regnans and Eucalyptus pauciflora seedlings. <b>2009</b> , 29, 401-9	44
2039	The impact of simultaneous intoxication with agrochemicals on the antioxidant defense system in rat. <b>2009</b> , 94, 93-99	20
2038	Chlorpyrifos induced alterations in the levels of hydrogen peroxide, nitrate and nitrite in rat brain and liver. <b>2009</b> , 94, 55-59	48
2037	Antioxidants alleviate electric field-induced effects on lung tissue based on assays of heme oxygenase-1, protein carbonyl content, malondialdehyde, nitric oxide, and hydroxyproline. <b>2009</b> , 407, 1326-32	16
2036	TEMPOL, a membrane-permeable radical scavenger, attenuates gastric mucosal damage induced by ischemia/reperfusion: a key role for superoxide anion. <b>2009</b> , 603, 93-7	25
2035	Alteration in male reproductive system in experimental cholestasis: roles for opioids and nitric oxide overproduction. <b>2009</b> , 615, 246-51	16
2034	Pyridine induction of cytochrome P450 1A1, iNOS and metallothionein in Syrian hamsters and protective effects of silymarin. <b>2009</b> , 61, 243-55	12
2033	Curcumin reduces oxidative and nitrative DNA damage through balancing of oxidant-antioxidant status in hamsters infected with Opisthorchis viverrini. <b>2009</b> , 53, 1316-28	51
2032	Does dexmedetomidine reduce secondary damage after spinal cord injury? An experimental study. <b>2009</b> , 18, 336-44	23
2031	Dantrolene can reduce secondary damage after spinal cord injury. <b>2009</b> , 18, 1442-51	36
2030	Decreased nitric oxide markers and morphological changes in the brain of arsenic-exposed rats. <b>2009</b> , 261, 68-75	67
2029	Effects of continuous and intermittent magnetic fields on oxidative parameters in vivo. <b>2009</b> , 34, 238-43	21

2028	The effects of natural antioxidants from tomato extract in treated but uncontrolled hypertensive patients. <b>2009</b> , 23, 145-51	93
2027	Relevance of non-ceruloplasmin copper to oxidative stress in patients with hepatocellular carcinoma. <b>2009</b> , 130, 229-40	7
2026	Effects of dietary zinc and L-arginine supplementation on total antioxidants capacity, lipid peroxidation, nitric oxide, egg weight, and blood biochemical values in Japanese quails. <b>2009</b> , 132, 136-43	26
2025	The protective potential of <i>Yucca schidigera</i> (Sarsaponin 30) against nitrite-induced oxidative stress in rats. <b>2009</b> , 63, 311-7	17
2024	Carnitine deficiency: a possible risk factor in paracetamol hepatotoxicity. <b>2009</b> , 83, 139-50	15
2023	Proanthocyanidin protects intestine and remote organs against mesenteric ischemia/reperfusion injury. <b>2009</b> , 33, 1384-91	29
2022	Uroprotective effects of curcumin in cyclophosphamide-induced haemorrhagic cystitis paradigm. <b>2009</b> , 104, 393-9	28
2021	Acetyl-L-carnitine ameliorates caerulein-induced acute pancreatitis in rats. <b>2009</b> , 105, 30-6	16
2020	Reply to: On the importance of the use of proper approaches for comparison of analytical methods for serum nitrate and evaluation of reference concentrations. By Dr. Dimitrios Tsikas and Dr. Jens M Hohlfeld. <b>2009</b> , 42, 1197-1199	1
2019	Immunological and cytotoxicological characterization of tuberculin purified protein derivative (PPD) conjugated to single-walled carbon nanotubes. <b>2009</b> , 126, 48-53	40
2018	Involvement of lipids in dimethoate-induced inhibition of testosterone biosynthesis in rat interstitial cells. <b>2009</b> , 44, 703-18	19
2017	Bovine herpesvirus 5 induces an overproduction of nitric oxide in the brain of rabbits that correlates with virus dissemination and precedes the development of neurological signs. <b>2009</b> , 15, 153-63	8
2016	IFN-beta impairs superoxide-dependent parasite killing in human macrophages: evidence for a deleterious role of SOD1 in cutaneous leishmaniasis. <b>2009</b> , 182, 2525-31	78
2015	Antioxidant defense system in rats simultaneously intoxicated with agrochemicals. <b>2009</b> , 28, 465-73	57
2014	Prophylactic role of curcumin in dextran sulfate sodium (DSS)-induced ulcerative colitis murine model. <b>2009</b> , 47, 1311-7	87
2013	A role for nitrenergic system in the antidepressant-like effects of chronic lithium treatment in the mouse forced swimming test. <b>2009</b> , 200, 76-82	42
2012	Reductive decomposition of a diazonium intermediate by dithiothreitol affects the determination of NOS turnover rates. <b>2009</b> , 78, 910-5	1
2011	Nitrite to nitrate molar ratio is inversely proportional to oxidative cell damages and granulocytic apoptosis at the wound site following cutaneous injury in rats. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2009</b> , 20, 264-9	5 11

2010	Role of nitric oxide production in dairy cows naturally infected with <i>Mycobacterium avium</i> subsp. paratuberculosis. <b>2009</b> , 131, 97-104	16
2009	Hyperbaric oxygen therapy reduces the severity of necrotizing enterocolitis in a neonatal rat model. <b>2009</b> , 44, 534-40	33
2008	Medical ozone therapy reduces oxidative stress and intestinal damage in an experimental model of necrotizing enterocolitis in neonatal rats. <b>2009</b> , 44, 1730-5	48
2007	Evaluation of clinical activity and safety of Daflon 500 mg in type 2 diabetic female patients. <b>2009</b> , 17, 199-207	8
2006	Erdosteine and ebselen as useful agents in intestinal ischemia/reperfusion injury. <b>2009</b> , 155, 210-6	35
2005	Melatonin and 1400 W ameliorate both intestinal and remote organ injury following mesenteric ischemia/reperfusion. <b>2009</b> , 157, e97-e105	30
2004	Methylmalonate-induced seizures are attenuated in inducible nitric oxide synthase knockout mice. <b>2009</b> , 27, 157-63	14
2003	Evidence that the major metabolites accumulating in hyperornithinemia-hyperammonemia-homocitrullinuria syndrome induce oxidative stress in brain of young rats. <b>2009</b> , 27, 635-41	9
2002	Does nitrogen concentration affect relative uptake rates of nitrate, ammonium, and glycine?. <b>2009</b> , 172, 224-229	27
2001	Carotid intima-media thickness in patients with cardiac syndrome X and its association with high circulating levels of asymmetric dimethylarginine. <b>2009</b> , 204, e82-5	20
2000	Medium-chain fatty acids accumulating in MCAD deficiency elicit lipid and protein oxidative damage and decrease non-enzymatic antioxidant defenses in rat brain. <b>2009</b> , 54, 519-25	27
1999	The effect of nebivolol treatment on oxidative stress and antioxidant status in patients with cardiac syndrome-X. <b>2009</b> , 20, 238-4	25
1998	Nitric oxide metabolites as biomarkers for follow-up after chronic rhinosinusitis surgery. <b>2009</b> , 23, 159-61	31
1997	Losartan and tempol treatments normalize the increased response to hydrogen peroxide in resistance arteries from hypertensive rats. <b>2009</b> , 27, 1814-22	10
1996	Plasma and Amniotic Fluid Nitric Oxide Level and Adenosine Deaminase Activity in Sheep. <b>2009</b> , 35, 197-199	1
1995	Available Organic Soil Phosphorus Has an Important Influence on Microbial Community Composition. <b>2010</b> , 74, 2059-2066	60
1994	Exposure to <i>Helicobacter pylori</i> and Serum Kynurenine to Tryptophan Ratio in Patients with Gastric Cancer. <b>2010</b> , 21, 110-120	4
1993	Alternative Methods for Measuring Inorganic, Organic, and Total Dissolved Nitrogen in Soil. <b>2010</b> , 74, 1018-1027	199



1992	Dynamics of development of autoimmune myocarditis in rats. <b>2010</b> , 37, 511-522	
1991	Effect of the temperature and moisture on the N <sub>2</sub> O emission from some arable soils. <b>2010</b> , 43, 919-928	22
1990	Cardiotoxic effects of arsenic trioxide/imatinib mesilate combination in rats. <b>2006</b> , 58, 567-73	24
1989	Enhancement of amlodipine cardioprotection by quercetin in ischaemia/reperfusion injury in rats. <b>2010</b> , 61, 1233-1241	18
1988	Vineyard weed management practices influence nitrate leaching and nitrous oxide emissions. <b>2010</b> , 138, 127-131	44
1987	Increased urinary losses of carnitine and decreased intramitochondrial coenzyme A in gentamicin-induced acute renal failure in rats. <b>2010</b> , 25, 69-76	21
1986	The effect of ascorbic acid supplementation on brain oxidative events in experimental diabetes. <b>2010</b> , 19, 364-374	2
1985	Effect of two strains of <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> on nitric oxide generation and antioxidant status of rat small intestine. <b>2010</b> , 19, 1082-1091	2
1984	Involvement of Hsp70, a stress protein, in the resistance of long-term culture of PC12 cells against sodium nitroprusside (SNP)-induced cell death. <b>2010</b> , 84, 699-708	10
1983	Fully automatic flow method for the determination of scavenging capacity against nitric oxide radicals. <b>2010</b> , 397, 3005-14	8
1982	Aqueous humor nitric oxide levels in patients with branch retinal vein occlusion. <b>2010</b> , 54, 107-9	1
1981	Plant-soil biodiversity relationships and nutrient retention in agricultural riparian zones of the Sacramento Valley, California. <b>2010</b> , 80, 41-60	32
1980	Fungal root endophytes of the carnivorous plant <i>Drosera rotundifolia</i> . <b>2010</b> , 20, 341-8	26
1979	Anti-apoptotic and neuroprotective effects of $\alpha$ -lipoic acid on spinal cord ischemia-reperfusion injury in rabbits. <b>2010</b> , 152, 1591-600; discussion 1600-1	27
1978	Involvement of nitrate reduction in the tolerance of tomato ( <i>Solanum lycopersicum</i> L.) plants to prolonged root hypoxia. <b>2010</b> , 32, 1113-1123	35
1977	Experimental evidence that phenylalanine provokes oxidative stress in hippocampus and cerebral cortex of developing rats. <b>2010</b> , 30, 317-26	48
1976	Relevance of <i>Helicobacter pylori</i> genotypes in gastric pathology and its association with plasma malondialdehyde and nitric oxide levels. <b>2010</b> , 18, 59-64	13
1975	Biodiversity is associated with indicators of soil ecosystem functions over a landscape gradient of agricultural intensification. <b>2010</b> , 25, 1333-1348	78

1974	Evidence that 2-methylacetoacetate induces oxidative stress in rat brain. <b>2010</b> , 25, 261-7	7
1973	Promotion of lipid and protein oxidative damage in rat brain by ethylmalonic acid. <b>2010</b> , 35, 298-305	15
1972	Neonatal handling impairs spatial memory and leads to altered nitric oxide production and DNA breaks in a sex specific manner. <b>2010</b> , 35, 1083-91	22
1971	Soil carbon and nitrogen mineralization following deposition of insect frass and greenfall from forests under elevated CO <sub>2</sub> and O <sub>3</sub> . <b>2010</b> , 336, 75-85	21
1970	Protective roles of vitamin E (α-tocopherol), selenium and vitamin E plus selenium in organophosphate toxicity in vivo: A comparative study. <b>2010</b> , 96, 113-118	23
1969	Temporal variation in pools of amino acids, inorganic and microbial N in a temperate grassland soil. <b>2010</b> , 42, 353-359	37
1968	Tomato root transcriptome response to a nitrogen-enriched soil patch. <b>2010</b> , 10, 75	38
1967	Effect of taurine supplementation on hyperhomocysteinemia and markers of oxidative stress in high fructose diet induced insulin resistance. <b>2010</b> , 2, 46	36
1966	Nicotinamide alleviates indomethacin-induced gastric ulcers: a novel antiulcer agent. <b>2010</b> , 627, 276-80	17
1965	Involvement of L-arginine-nitric oxide-cyclic guanosine monophosphate pathway in the antidepressant-like effect of bis selenide in the mouse tail suspension test. <b>2010</b> , 635, 135-41	20
1964	Coenzyme Q10: a novel gastroprotective effect via modulation of vascular permeability, prostaglandin and nitric oxide and redox status in indomethacin-induced gastric ulcer model. <b>2010</b> , 649, 314-9	39
1963	Clinical utility of copper, ceruloplasmin, and metallothionein plasma determinations in human neurodegenerative patients and their first-degree relatives. <b>2010</b> , 1319, 118-30	86
1962	Nephroprotective action of tocotrienol-rich fraction (TRF) from palm oil against potassium dichromate (K <sub>2</sub> Cr <sub>2</sub> O <sub>7</sub> )-induced acute renal injury in rats. <b>2010</b> , 186, 228-38	36
1961	Relationship among circulating hemoglobin, nitric oxide synthase activities and angiogenic poise in red- and white-blooded Antarctic notothenioid fishes. <b>2010</b> , 156, 422-9	34
1960	Leishmania major lipophosphoglycan: discrepancy in Toll-like receptor signaling. <b>2010</b> , 124, 214-8	22
1959	Nitric oxide blocks cellular heme insertion into a broad range of heme proteins. <b>2010</b> , 48, 1548-58	33
1958	The effects of nitric oxide-oxidase and putative glutathione-peroxidase activities of ceruloplasmin on the viability of cardiomyocytes exposed to hydrogen peroxide. <b>2010</b> , 49, 2019-27	13
1957	The effects of dietary boric acid and borax supplementation on lipid peroxidation, antioxidant activity, and DNA damage in rats. <b>2010</b> , 24, 161-4	106

1956	Reference values for serum nitric oxide metabolites in an adult population. <b>2010</b> , 43, 89-94	35
1955	Early alterations in vascular contractility associated to changes in fatty acid composition and oxidative stress markers in perivascular adipose tissue. <b>2010</b> , 9, 65	29
1954	A suite of sensitive chemical methods to determine the $\mu\text{M}$ of ammonium, nitrate and total dissolved N in soil extracts. <b>2010</b> , 24, 3615-23	46
1953	Effects of supplementation with different edible oils on cutaneous wound healing. <b>2010</b> , 18, 629-36	30
1952	Thioctic acid protects against carrageenan-induced acute inflammation in rats by reduction in oxidative stress, downregulation of COX-2 mRNA and enhancement of IL-10 mRNA. <b>2010</b> , 24, 91-9	19
1951	Oxidant-antioxidant status in blood and tumor tissue of oral squamous cell carcinoma patients. <b>2010</b> , 16, 29-33	54
1950	Reductive nitrosylation of ferric human serum heme-albumin. <b>2010</b> , 277, 2474-85	24
1949	Gastroprotective effect of rutin against indomethacin-induced ulcers in rats. <b>2010</b> , 107, 742-50	56
1948	Perforin-expressing cytotoxic cells contribute to chronic cardiomyopathy in <i>Trypanosoma cruzi</i> infection. <b>2010</b> , 91, 72-86	25
1947	Trajectories of change: riparian vegetation and soil conditions following livestock removal and replanting. <b>2010</b> , 35, 980-987	27
1946	Spatial variations in nutrient supply to the red algae <i>Euclima serra</i> (J. Agardh) J. Agardh. <b>2010</b> , 58, 29-34	7
1945	IL-6-dependent PGE2 secretion by mesenchymal stem cells inhibits local inflammation in experimental arthritis. <b>2010</b> , 5, e14247	272
1944	Thymoquinone attenuates diethylnitrosamine induction of hepatic carcinogenesis through antioxidant signaling. <b>2010</b> , 3, 254-61	114
1943	Lipid peroxidation and etheno DNA adducts in white blood cells of liver fluke-infected patients: protection by plasma alpha-tocopherol and praziquantel. <b>2010</b> , 19, 310-8	30
1942	Human recombinant erythropoietin in asphyxia neonatorum: pilot trial. <b>2010</b> , 125, e1135-42	141
1941	Growth of bacteria on 3-nitropropionic acid as a sole source of carbon, nitrogen, and energy. <b>2010</b> , 76, 3590-8	24
1940	Nitrate stimulates root suckering in trembling aspen ( <i>Populus tremuloides</i> ). <b>2010</b> , 40, 1962-1969	12
1939	Urinary neopterin and nitric oxide metabolites as markers of interferon beta-1a activity in primary progressive multiple sclerosis. <b>2010</b> , 16, 1066-72	18

1938	Hepatoprotection by freshwater clam extract against CCl <sub>4</sub> -induced hepatic damage in rats. <b>2010</b> , 38, 881-94	34
1937	Decreased VASP phosphorylation in platelets of male and female smokers of young age. <b>2010</b> , 21, 596-603	10
1936	Mobile phone radiation-induced free radical damage in the liver is inhibited by the antioxidants N-acetyl cysteine and epigallocatechin-gallate. <b>2010</b> , 86, 935-45	53
1935	No apparent correlation between Behçet's disease and oxidative stress disturbance. <b>2010</b> , 44, 287-96	2
1934	Total oxidant and antioxidant capacities and nitric oxide levels in cattle with traumatic reticuloperitonitis. <b>2010</b> , 167, 908-9	9
1933	Effect of ascorbic acid supplementation on nitric oxide metabolites and systolic blood pressure in rats exposed to lead. <b>2010</b> , 42, 78-81	13
1932	Prolonged root hypoxia effects on enzymes involved in nitrogen assimilation pathway in tomato plants. <b>2010</b> , 5, 1583-9	21
1931	Are serum nitric oxide and vascular endothelial growth factor levels affected by packed red blood cell transfusions?. <b>2010</b> , 15, 170-3	4
1930	Does the source of nitrogen affect the response of subterranean clover to prolonged root hypoxia?. <b>2010</b> , 173, 275-283	4
1929	A simple, fast and inexpensive automated technique for measurement of plasma nitrite. <b>2010</b> , 48, 1837-9	4
1928	Scavenging and antioxidant potential of physiological taurine concentrations against different reactive oxygen/nitrogen species. <b>2010</b> , 62, 185-93	109
1927	Alterations in copper homeostasis and oxidative stress biomarkers in women using the intrauterine device TCu380A. <b>2010</b> , 192, 373-8	22
1926	Effects of a highly palatable diet on lipid and glucose parameters, nitric oxide, and ectonucleotidases activity. <b>2010</b> , 35, 591-7	6
1925	Oxidative stress, Helicobacter pylori, and OGG1 Ser326Cys, XPC Lys939Gln, and XPD Lys751Gln polymorphisms in a Turkish population with colorectal carcinoma. <b>2010</b> , 14, 559-64	43
1924	Long-chain 3-hydroxy fatty acids accumulating in LCHAD and MTP deficiencies induce oxidative stress in rat brain. <b>2010</b> , 56, 930-6	26
1923	Anti-inflammatory effect of lucidone in mice via inhibition of NF-kappaB/MAP kinase pathway. <b>2010</b> , 10, 385-92	28
1922	The effect of hypothermia on splanchnic flows and lung in a two-hit hemorrhagic shock model. <b>2010</b> , 158, 121-6	12
1921	Salicylate prevents hepatic oxidative stress activation caused by short-term elevation of free fatty acids in vivo. <b>2010</b> , 89, 150-6	14

1920	Cytoprotective effects of DL-alpha-lipoic acid or squalene on cyclophosphamide-induced oxidative injury: an experimental study on rat myocardium, testicles and urinary bladder. <b>2010</b> , 48, 2326-36		78
1919	Thymoquinone supplementation reverses acetaminophen-induced oxidative stress, nitric oxide production and energy decline in mice liver. <b>2010</b> , 48, 2361-5		80
1918	Mushroom insoluble polysaccharides prevent carbon tetrachloride-induced hepatotoxicity in rat. <b>2010</b> , 48, 3184-8		49
1917	Serum oxidizability and antioxidant status in patients undergoing in vitro fertilization. <b>2010</b> , 94, 1279-1286		37
1916	Relationship between interleukin-6 levels and ambulatory blood pressure in women with polycystic ovary syndrome. <b>2010</b> , 94, 1437-1443		10
1915	Tryptic amaranth glutelin digests induce endothelial nitric oxide production through inhibition of ACE: antihypertensive role of amaranth peptides. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2010</b> , 23, 106-11	5	63
1914	Reference values for serum nitric oxide metabolites in pediatrics. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2010</b> , 23, 264-8	5	7
1913	Aqueous humor nitric oxide in patients with central retinal vein occlusion. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2010</b> , 23, 332-4	5	8
1912	<i>Lonomia obliqua</i> caterpillar envenomation causes platelet hypoaggregation and blood incoagulability in rats. <b>2010</b> , 55, 33-44		19
1911	Subclinical mastitis causes alterations in nitric oxide, total oxidant and antioxidant capacity in cow milk. <b>2010</b> , 89, 10-3		33
1910	Increased DNA damage and oxidative stress in chickens with natural Marek's disease. <b>2010</b> , 133, 51-8		24
1909	Influence of sperm concentration on the motility, morphology, membrane and DNA integrity along with oxidative stress parameters of ram sperm during liquid storage. <b>2010</b> , 122, 200-7		35
1908	Sporulation of arbuscular mycorrhizal fungi in organic-rich patches following host excision. <b>2010</b> , 46, 247-250		12
1907	Effect of ammonium or nitrate nutrition on photosynthesis, growth, and nitrogen assimilation in tomato plants. <b>2010</b> , 173, 610-617		56
1906	Magnesium supplementation enhances the anticonvulsant potential of valproate in pentylenetetrazol-treated rats. <b>2010</b> , 1334, 58-64		37
1905	The influence of cigarette and qalyan (hookah) smoking on serum nitric oxide metabolite concentration. <b>2010</b> , 70, 116-21		22
1904	Rapid peptide metabolism: A major component of soil nitrogen cycling?. <b>2011</b> , 25, n/a-n/a		51
1903	Age-related decline in macrophage and lymphocyte functions in mice and its alleviation by treatment with probiotic Dahi containing <i>Lactobacillus acidophilus</i> and <i>Bifidobacterium bifidum</i> . <b>2011</b> , 78, 404-11		7

1902	From platonic templates to Archimedean solids: successive construction of nanoscopic {V16As8}, {V16As10}, {V20As8}, and {V24As8} polyoxovanadate cages. <b>2011</b> , 133, 11240-8	86
1901	Anti-inflammatory effects of the chloroform extract of <i>Pulicaria guestii</i> ameliorated the neutrophil infiltration and nitric oxide generation in rats. <b>2011</b> , 27, 899-910	13
1900	Occupational exposure characterization in professional sprayers: clinical utility of oxidative stress biomarkers. <b>2011</b> , 32, 249-58	18
1899	L-arginine and L-glutamine as immunonutrients and modulating agents for oxidative stress and toxicity induced by sodium nitrite in rats. <b>2011</b> , 49, 758-62	34
1898	Clinical parameters and biomarkers of oxidative stress in agricultural workers who applied copper-based pesticides. <b>2011</b> , 74, 1779-86	31
1897	Cinnamon extract ameliorates ionizing radiation-induced cellular injury in rats. <b>2011</b> , 74, 2324-9	31
1896	Evaluation of urinary biomarkers of oxidative/nitrosative stress in adolescents and adults with Down syndrome. <b>2011</b> , 1812, 760-8	22
1895	Intervention of mitochondrial dysfunction-oxidative stress-dependent apoptosis as a possible neuroprotective mechanism of $\alpha$ -lipoic acid against rotenone-induced parkinsonism and L-dopa toxicity. <b>2011</b> , 71, 387-95	31
1894	Early biochemical effects after unilateral hypoxia-ischemia in the immature rat brain. <b>2011</b> , 29, 115-20	33
1893	Glycine intrastriatal administration induces lipid and protein oxidative damage and alters the enzymatic antioxidant defenses in rat brain. <b>2011</b> , 89, 276-81	9
1892	Evaluation of urinary biomarkers of oxidative/nitrosative stress in children with Down syndrome. <b>2011</b> , 89, 655-61	25
1891	Melatonin ameliorates necrotizing enterocolitis in a neonatal rat model. <b>2011</b> , 46, 2101-7	28
1890	Elevated production of inflammatory mediators including nociceptive chemokines in patients with neck pain: a cross-sectional evaluation. <b>2011</b> , 34, 498-505	13
1889	Biological effects of nitric oxide generated by an atmospheric pressure gas-plasma on human skin cells. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2011</b> , 24, 8-16	5 67
1888	Effects of nitrite exposure on functional haemoglobin levels, bimodal respiration, and swimming performance in the facultative air-breathing fish <i>Pangasianodon hypophthalmus</i> . <b>2011</b> , 104, 86-93	39
1887	The effects of gender and exercise on malondialdehyde, nitric oxide and total glutathione levels in rat liver. <b>2011</b> , 5, 515-521	0
1886	Tulathromycin disturbs blood oxidative and coagulation status. <b>2011</b> , 10, 3243-3247	2
1885	Probulcol attenuates oxidative stress, energy starvation, and nitric acid production following transient forebrain ischemia in the rat hippocampus. <b>2011</b> , 2011, 471590	10

1884	900 MHz pulse-modulated radiofrequency radiation induces oxidative stress on heart, lung, testis and liver tissues. <b>2011</b> , 30, 84-9	57
1883	The links between chronic rhinosinusitis and asthma. <b>2011</b> , 19, 218-23	12
1882	Effects of prevention of oxidative and nitro-oxidative stress on experimental rat colon anastomosis using acetylcysteine, Ebselen and 1400w. <b>2011</b> , 111, 26-31	4
1881	The metabolic reprogramming evoked by nitrosative stress triggers the anaerobic utilization of citrate in <i>Pseudomonas fluorescens</i> . <b>2011</b> , 6, e28469	36
1880	Increased platelet and erythrocyte arginase activity in chronic obstructive pulmonary disease associated with tobacco or wood smoke exposure. <b>2011</b> , 59, 587-92	17
1879	Nitrogen Availability from Poultry Litter and Pelletized Organic Amendments for Organic Rice Production. <b>2011</b> , 103, 1284-1291	17
1878	Nilotinib counteracts thioacetamide-induced hepatic oxidative stress and attenuates liver fibrosis progression. <b>2011</b> , 25, 248-57	45
1877	An Investigation into the Effect of Soil and Vegetation on the Successful Creation of a Hay Meadow on a Clay-Capped Landfill. <b>2011</b> , 19, 93-100	5
1876	Effect of <i>Mucuna pruriens</i> (Linn.) on oxidative stress-induced structural alteration of corpus cavernosum in streptozotocin-induced diabetic rat. <b>2011</b> , 8, 1943-56	24
1875	Seasonal variation in soluble soil carbon and nitrogen across a grassland productivity gradient. <b>2011</b> , 43, 835-844	71
1874	The potential of microdialysis to monitor organic and inorganic nitrogen compounds in soil. <b>2011</b> , 43, 1321-1332	90
1873	Short-term biochar-induced increase in soil CO <sub>2</sub> release is both biotically and abiotically mediated. <b>2011</b> , 43, 1723-1731	376
1872	Soil- and enantiomer-specific metabolism of amino acids and their peptides by Antarctic soil microorganisms. <b>2011</b> , 43, 2410-2416	29
1871	Comparison of imatinib, nilotinib and silymarin in the treatment of carbon tetrachloride-induced hepatic oxidative stress, injury and fibrosis. <b>2011</b> , 252, 165-75	54
1870	Resveratrol prevents oxidative stress and inhibition of Na(+)/K(+)-ATPase activity induced by transient global cerebral ischemia in rats. <b>2011</b> , 22, 921-8	66
1869	Ginkgo biloba extract (EGb 761) normalizes hypertension in 2K, 1C hypertensive rats: role of antioxidant mechanisms, ACE inhibiting activity and improvement of endothelial dysfunction. <b>2011</b> , 18, 641-7	56
1868	Saliva nitric oxide levels in relation to caries experience and oral hygiene. <b>2011</b> , 2, 357-362	8
1867	Pharmacological preconditioning with nicorandil and pioglitazone attenuates myocardial ischemia/reperfusion injury in rats. <b>2011</b> , 663, 51-8	49

1866	Tempol, a membrane-permeable radical scavenger, ameliorates lipopolysaccharide-induced acute lung injury in mice: a key role for superoxide anion. <b>2011</b> , 663, 68-73	18
1865	Comparison of early treatment with low doses of nilotinib, imatinib and a clinically relevant dose of silymarin in thioacetamide-induced liver fibrosis. <b>2011</b> , 670, 593-600	28
1864	Dual mechanism of brain damage induced in vivo by the major metabolites accumulating in hyperornithinemia-hyperammonemia-homocitrullinuria syndrome. <b>2011</b> , 1369, 235-44	14
1863	Pristanic acid promotes oxidative stress in brain cortex of young rats: a possible pathophysiological mechanism for brain damage in peroxisomal disorders. <b>2011</b> , 1382, 259-65	16
1862	Glibenclamide ameliorates ischemia-reperfusion injury via modulating oxidative stress and inflammatory mediators in the rat hippocampus. <b>2011</b> , 1385, 257-62	52
1861	Carnosine and neocuproine as neutralizing agents for copper overload-induced damages in cultured human cells. <b>2011</b> , 192, 257-63	13
1860	Inhibition of the adrenomedullin/nitric oxide signaling pathway in early diabetic retinopathy. <b>2011</b> , 4, 70-82	7
1859	Different effects of SNP and GSNO on mitochondrial O <sub>2</sub> · <sup>-</sup> /H <sub>2</sub> O <sub>2</sub> production. <b>2011</b> , 43, 267-74	
1858	DNA repair enzyme polymorphisms and oxidative stress in a Turkish population with gastric carcinoma. <b>2011</b> , 38, 5379-86	31
1857	Toll-like receptor mRNA expression, iNOS gene polymorphism and serum nitric oxide levels in indigenous chickens. <b>2011</b> , 35, 321-7	6
1856	Effect of phototherapy on gastrointestinal smooth muscle activity and oxidative stress. <b>2011</b> , 27, 1197-202	0
1855	Isoniazid and rifampicin inhibit allosterically heme binding to albumin and peroxynitrite isomerization by heme-albumin. <b>2011</b> , 16, 97-108	26
1854	A genetic analysis of nitric oxide-mediated signaling during chronological aging in the yeast. <b>2011</b> , 12, 309-20	15
1853	Effect of transforming growth factor beta 1 (TGF-beta 1) on nitric oxide production and lipid peroxidation in oral mucosal wound healing. <b>2011</b> , 20, 23-28	15
1852	Synthesis and anti-inflammatory evaluation of some new acyl-hydrazones bearing 2-aryl-thiazole. <b>2011</b> , 46, 526-34	75
1851	The roles of melatonin and vitamin E plus selenium in prevention of oxidative stress induced by naloxone-precipitated withdrawal in heroin-addicted rats. <b>2011</b> , 142, 55-66	14
1850	Cr(VI) induces lipid peroxidation, protein oxidation and alters the activities of antioxidant enzymes in human erythrocytes. <b>2011</b> , 144, 426-35	17
1849	Adverse effects of 2,4-dichlorophenoxyacetic acid on rat cerebellar granule cell cultures were attenuated by amphetamine. <b>2011</b> , 19, 544-55	12



1848	Cultivar mixtures of processing tomato in an organic agroecosystem. <b>2011</b> , 1, 17-30	10
1847	Effect Of G2706A and G1051A polymorphisms of the ABCA1 gene on the lipid, oxidative stress and homocystein levels in Turkish patients with polycystic ovary syndrome. <b>2011</b> , 10, 193	14
1846	Protective effect of Garcinia against renal oxidative stress and biomarkers induced by high fat and sucrose diet. <b>2011</b> , 10, 6	46
1845	The relation of high fat diet, metabolic disturbances and brain oxidative dysfunction: modulation by hydroxy citric acid. <b>2011</b> , 10, 74	40
1844	Oleanolic acid prevents glucocorticoid-induced hypertension in rats. <b>2011</b> , 25, 1435-9	35
1843	Modulatory effects of lipoic acid and selenium against cadmium-induced biochemical alterations in testicular steroidogenesis. <b>2011</b> , 25, 15-25	29
1842	Effects of caffeic acid phenethyl ester on endotoxin-induced cardiac stress in rats: a possible mechanism of protection. <b>2011</b> , 25, 84-94	20
1841	Thymoquinone supplementation attenuates cyclophosphamide-induced cardiotoxicity in rats. <b>2011</b> , 25, 135-42	68
1840	The relative efficacy of aminoguanidine and pentoxifylline in modulating endotoxin-induced cardiac stress. <b>2011</b> , 29, 694-702	6
1839	A simple and inexpensive automated technique for measurement of serum nitrite/nitrate. <b>2011</b> , 44, 348-50	222
1838	Magnolol potently suppressed lipopolysaccharide-induced iNOS and COX-2 expression via downregulating MAPK and NF- $\kappa$ B signaling pathways. <b>2011</b> , 3, 198-206	38
1837	Dimethylarginine metabolism during acute and chronic rejection of rat renal allografts. <b>2011</b> , 26, 124-35	13
1836	Arabidopsis and Lobelia anceps access small peptides as a nitrogen source for growth. <b>2011</b> , 38, 788-796	31
1835	Increased serum nitric oxide metabolites in dysglycaemia. <b>2011</b> , 38, 577-82	11
1834	The antioxidant status of the plasma in patients with breast cancer undergoing chemotherapy. <b>2011</b> , 01, 29-35	22
1833	Hsp90 interacts with inducible NO synthase client protein in its heme-free state and then drives heme insertion by an ATP-dependent process. <b>2011</b> , 25, 2049-60	46
1832	Both plant and bacterial nitrate reductases contribute to nitric oxide production in Medicago truncatula nitrogen-fixing nodules. <b>2011</b> , 155, 1023-36	155
1831	Vascular plant success in a warming Antarctic may be due to efficient nitrogen acquisition. <b>2011</b> , 1, 50-53	123

1830	Urinary biomarkers of oxidative/nitrosative stress in healthy smokers. <b>2011</b> , 23, 148-56	33
1829	Neuroprotective effects of gabapentin on spinal cord ischemia-reperfusion injury in rabbits. <b>2011</b> , 15, 228-37	24
1828	Assessment of the cardiotoxicity of tulathromycin in rabbits. <b>2011</b> , 59, 327-35	8
1827	Increased oxidative DNA damage in lean normoglycemic offspring of type 2 diabetic patients. <b>2011</b> , 119, 467-71	24
1826	Bolus arginine supplementation affects neither muscle blood flow nor muscle protein synthesis in young men at rest or after resistance exercise. <b>2011</b> , 141, 195-200	55
1825	Carbon and Nitrogen Dynamics in an Oxisol as Affected by Liming and Crop Residues under No-Till. <b>2011</b> , 75, 1723-1730	22
1824	The ameliorative effect of fisetin, a bioflavonoid, on ethanol-induced and pylorus ligation-induced gastric ulcer in rats. <b>2011</b> , 5, 236	41
1823	Arbuscular mycorrhizas enhance plant interception of leached nutrients. <b>2011</b> , 38, 219-226	63
1822	Heavy-Metal Uptake and Growth of Bouteloua Species in Semi-arid Soils Amended with Biosolids. <b>2011</b> , 42, 1636-1658	9
1821	Royal jelly modulates oxidative stress and tissue injury in gamma irradiated male Wister Albino rats. <b>2011</b> , 3, 268-76	36
1820	Gastroprotective Efficacy of Coenzyme Q10 in Indomethacin-Induced Gastropathy: Other Potential Mechanisms. <b>2012</b> , 2012, 1-7	3
1819	Inducible nitric oxide synthase in heart tissue and nitric oxide in serum of Trypanosoma cruzi-infected rhesus monkeys: association with heart injury. <b>2012</b> , 6, e1644	28
1818	Uncoupling endothelial nitric oxide synthase is ameliorated by green tea in experimental diabetes by re-establishing tetrahydrobiopterin levels. <b>2012</b> , 61, 1838-47	51
1817	S-nitrosylation of EGFR and Src activates an oncogenic signaling network in human basal-like breast cancer. <b>2012</b> , 10, 1203-15	95
1816	Attenuation of colonic inflammation by partial replacement of dietary linoleic acid with $\alpha$ -linolenic acid in a rat model of inflammatory bowel disease. <b>2012</b> , 108, 1612-22	47
1815	Natural variation of Arabidopsis response to nitrogen availability. <b>2012</b> , 63, 91-105	54
1814	TLR4-mediated AKT activation is MyD88/TRIF dependent and critical for induction of oxidative phosphorylation and mitochondrial transcription factor A in murine macrophages. <b>2012</b> , 188, 2847-57	86
1813	Ameliorating effect of DL- $\alpha$ -lipoic acid against cisplatin-induced nephrotoxicity and cardiotoxicity in experimental animals. <b>2012</b> ,	11

1812	Analysis of In Vitro Effects of Sex Steroids on Lymphocyte Responsiveness in Murrah Buffaloes ( <i>Bubalus bubalis</i> ). <b>2012</b> , 2012, 139589	1
1811	Effect of Oral TGF- $\beta$ Formulations on ASA Induced Duodenal Ulcer and The Role of Lipid Peroxidation in The Healing Process. <b>2012</b> , 37, 294-302	1
1810	Dietary supplementation with two Zingiberaceae spices ginger and turmeric modulates innate immunity parameters in <i>Lumbricus terrestris</i> . <b>2012</b> , 3, 37	0
1809	Impact of hyperthermia on inflammation-related perinatal brain injury. <b>2012</b> , 34, 525-32	5
1808	Fast Detection of Nitrite with a Test Paper Tape. <b>2012</b> , 538-541, 2181-2183	
1807	Nitrate supplementation's improvement of 10-km time-trial performance in trained cyclists. <b>2012</b> , 22, 64-71	211
1806	A NEW PRE-COLUMN DERIVATIZATION METHOD FOR DETERMINATION OF NITRITE AND NITRATE IN HUMAN PLASMA BY HPLC. <b>2012</b> , 35, 805-818	1
1805	Ameliorative effects quercetin against impaired motor nerve function, inflammatory mediators and apoptosis in neonatal streptozotocin-induced diabetic neuropathy in rats. <b>2012</b> , 2, 173-186	57
1804	Inhibitory effects of <i>Zataria multiflora</i> essential oil and its main components on nitric oxide and hydrogen peroxide production in lipopolysaccharide-stimulated macrophages. <b>2012</b> , 64, 1491-500	50
1803	Cardioprotective effects of ozone oxidative preconditioning in an in vivo model of ischemia/reperfusion injury in rats. <b>2012</b> , 72, 345-54	10
1802	Anticonvulsant effect of fisetin by modulation of endogenous biomarkers. <b>2012</b> , 2, 215-222	53
1801	Elucidation of ameliorative effect of Co-enzyme Q10 in streptozotocin-induced diabetic neuropathic perturbation by modulation of electrophysiological, biochemical and behavioral markers. <b>2012</b> , 2, 157-172	50
1800	Effect of hydroalcoholic extract of <i>Hibiscus rosa sinensis</i> Linn. leaves in experimental colitis in rats. <b>2012</b> , 2, 337-44	77
1799	The below-ground perspective of forest plants: soil provides mainly organic nitrogen for plants and mycorrhizal fungi. <b>2012</b> , 195, 329-334	118
1798	Modulatory effects of curcumin and green tea extract against experimentally induced pulmonary fibrosis: a comparison with N-acetyl cysteine. <b>2012</b> , 26, 461-8	18
1797	Comparing beneficial effects of inhaled nitric oxide to L-arginine in necrotizing enterocolitis model in neonatal rats. <b>2012</b> , 28, 1219-24	3
1796	<i>Hypericum perforatum</i> protects against hepatic injury induced by carbon tetrachloride. <b>2012</b> , 21, 1149-1157	1
1795	Effect of <i>Crataegus</i> extract on carbon tetrachloride-induced hepatic damage. <b>2012</b> , 21, 1719-1726	6

1794	Protective effect of intraperitoneal ozone application in experimental ovarian ischemia/reperfusion injury. <b>2012</b> , 47, 1730-4	15
1793	The oxidative damage and inflammation caused by pesticides are reverted by lipoic acid in rat brain. <b>2012</b> , 61, 1231-41	50
1792	Investigation of gastro protective activity of <i>Xanthium strumarium</i> L. by modulation of cellular and biochemical marker. <b>2012</b> , 12, 287-299	34
1791	A selective fluorogenic sensor for visual detection of nitrite. <b>2012</b> , 4, 2021	37
1790	Antihypertensive and cardioprotective effects of pumpkin seed oil. <b>2012</b> , 15, 180-9	28
1789	Alterations of blood parameters after intramuscular administration of imidocarb in healthy lambs. <b>2012</b> , 35, 162-6	0
1788	Poppy seed oil protection of the hippocampus after cerebral ischemia and re-perfusion in rats. <b>2012</b> , 87, 499-505	2
1787	The <i>Arabidopsis</i> nitrate transporter NRT2.4 plays a double role in roots and shoots of nitrogen-starved plants. <b>2012</b> , 24, 245-58	233
1786	High serum nitric oxide metabolites and incident metabolic syndrome. <b>2012</b> , 72, 523-30	14
1785	N <sub>2</sub> Fixation in Feather Mosses is a Sensitive Indicator of N Deposition in Boreal Forests. <b>2012</b> , 15, 986-998	47
1784	Nitric oxide in the bovine oviduct: influence on contractile activity and nitric oxide synthase isoforms localization. <b>2012</b> , 77, 1312-27	13
1783	Adsorption of perchlorate and other oxyanions onto magnetic permanently confined micelle arrays (Mag-PCMA <sub>s</sub> ). <b>2012</b> , 46, 635-44	29
1782	Role of neutrophils in acrylonitrile-induced gastric mucosal damage. <b>2012</b> , 208, 108-14	7
1781	Comparison of melatonin and ozone in the prevention of reperfusion injury following unilateral testicular torsion in rats. <b>2012</b> , 80, 899-906	27
1780	Haematological and ion regulatory effects of nitrite in the air-breathing snakehead fish <i>Channa striata</i> . <b>2012</b> , 118-119, 48-53	14
1779	Effect of <i>Viscum articulatum</i> Burm. (Loranthaceae) in N <sup>o</sup> -nitro-L-arginine methyl ester induced hypertension and renal dysfunction. <b>2012</b> , 142, 467-73	16
1778	Comparative study of the cardioprotective effects of local and remote preconditioning in ischemia/reperfusion injury. <b>2012</b> , 90, 249-56	7
1777	Therapeutic role of curcumin in prevention of biochemical and behavioral aberration induced by alcoholic neuropathy in laboratory animals. <b>2012</b> , 511, 18-22	76

1776	Natural polyphenols may ameliorate damage induced by copper overload. <b>2012</b> , 50, 415-22	5
1775	Royal jelly can diminish secondary neuronal damage after experimental spinal cord injury in rabbits. <b>2012</b> , 50, 2554-9	16
1774	Inhibitory effects of Zataria multiflora essential oil and its main components on nitric oxide and hydrogen peroxide production in glucose-stimulated human monocyte. <b>2012</b> , 50, 3079-85	21
1773	Anti-arthritic and anti-inflammatory activity of Xanthium srtumarium L. ethanolic extract in Freund's complete adjuvant induced arthritis. <b>2012</b> , 2, 6-15	70
1772	The effect of erythropoietin against oxidative damage associated with reperfusion following ovarian detorsion. <b>2012</b> , 162, 182-6	11
1771	Nematode community responses to a moisture gradient and grazing along a restored riparian corridor. <b>2012</b> , 50, 32-38	16
1770	Effect of L-arginine and selenium added to a hypocaloric diet enriched with legumes on cardiovascular disease risk factors in women with central obesity: a randomized, double-blind, placebo-controlled trial. <b>2012</b> , 60, 157-68	47
1769	The effects of Feijoa sellowiana fruits on the antioxidant defense system, lipid peroxidation, and tissue morphology in rats. <b>2012</b> , 50, 318-25	23
1768	Diverse effects of variant doses of dexamethasone in lithium-pilocarpine induced seizures in rats. <b>2012</b> , 90, 13-21	17
1767	Investigation of ocular neovascularization-related genes and oxidative stress in diabetic rat eye tissues after resveratrol treatment. <b>2012</b> , 15, 391-8	30
1766	Electromagnetic fields instantaneously modulate nitric oxide signaling in challenged biological systems. <b>2012</b> , 426, 330-3	52
1765	Angiotensin antagonists and renal ischemia/reperfusion: Possible modulation by l-carnitine. <b>2012</b> , 50, 7-16	6
1764	The effect of surgical and chemical denervation on ischaemia/reperfusion injury of skeletal muscle. <b>2012</b> , 65, 240-8	11
1763	2-Methylbutyrylglycine induces lipid oxidative damage and decreases the antioxidant defenses in rat brain. <b>2012</b> , 1478, 74-82	7
1762	N-acetylcysteine improves redox status, mitochondrial dysfunction, mucin-depleted crypts and epithelial hyperplasia in dextran sulfate sodium-induced oxidative colitis in mice. <b>2012</b> , 691, 209-17	59
1761	Early treatment of radiation-induced heart damage in rats by caffeic acid phenethyl ester. <b>2012</b> , 692, 46-51	32
1760	Thymoquinone: Novel gastroprotective mechanisms. <b>2012</b> , 697, 126-31	35
1759	Potential protective effect of taurine against dibromoacetonitrile-induced neurotoxicity in rats. <b>2012</b> , 34, 849-57	11

1758	Therapeutic effect of <i>Acacia nilotica</i> pods extract on streptozotocin induced diabetic nephropathy in rat. <b>2012</b> , 19, 1059-67	26
1757	Anti-inflammatory activity of <i>Pistacia khinjuk</i> in different experimental models: isolation and characterization of its flavonoids and galloylated sugars. <b>2012</b> , 15, 278-87	22
1756	Effects of curcumin and <i>Ginkgo biloba</i> on matrix metalloproteinases gene expression and other biomarkers of inflammatory bowel disease. <b>2012</b> , 68, 529-39	13
1755	Amino acids are a nitrogen source for sugarcane. <b>2012</b> , 39, 503-511	17
1754	Fungal and bacterial growth following the application of slurry and anaerobic digestate of livestock manure to temperate pasture soils. <b>2012</b> , 48, 889-897	59
1753	Red blood cell ATP/ADP & nitric oxide: The best vasodilators in diabetic patients. <b>2012</b> , 11, 9	11
1752	Design of barbiturate-nitrate hybrids that inhibit MMP-9 activity and secretion. <b>2012</b> , 55, 2154-62	25
1751	Protective effect of diphenyl diselenide on ischemia and reperfusion-induced cerebral injury: involvement of oxidative stress and pro-inflammatory cytokines. <b>2012</b> , 37, 2249-58	40
1750	Arbuscular mycorrhizas reduce nitrogen loss via leaching. <b>2012</b> , 7, e29825	53
1749	Characterization of the <i>Nrt2.6</i> gene in <i>Arabidopsis thaliana</i> : a link with plant response to biotic and abiotic stress. <b>2012</b> , 7, e42491	55
1748	Mesenchymal stem cells repress Th17 molecular program through the PD-1 pathway. <b>2012</b> , 7, e45272	134
1747	A Crp-dependent two-component system regulates nitrate and nitrite respiration in <i>Shewanella oneidensis</i> . <b>2012</b> , 7, e51643	55
1746	Impact of breast cancer and combination chemotherapy on oxidative stress, hepatic and cardiac markers. <b>2012</b> , 15, 306-12	25
1745	Bisphenol A induces hepatotoxicity through oxidative stress in rat model. <b>2012</b> , 2012, 194829	165
1744	Downregulation of oxidative and nitrosative apoptotic signaling by L-carnitine in Ifosfamide-induced Fanconi syndrome rat model. <b>2012</b> , 2012, 696704	6
1743	The antihypertensive effect of ethyl acetate extract of radish leaves in spontaneously hypertensive rats. <b>2012</b> , 6, 308-14	21
1742	Effects of various levels of rosemary and oregano volatile oil mixture on oxidative stress parameters in quails. <b>2012</b> , 11,	3
1741	Determination of role of GABA and nitric oxide in anticonvulsant activity of <i>Fragaria vesca</i> L. ethanolic extract in chemically induced epilepsy in laboratory animals. <b>2012</b> , 12, 255-264	23

1740	In Vivo and In Vitro Studies on the Antioxidant Activity of Aloin Compared to Doxorubicin in Rats. <b>2012</b> , 73, 154-165	8
1739	Evaluation of ameliorative effect of quercetin in experimental model of alcoholic neuropathy in rats. <b>2012</b> , 20, 331-41	76
1738	Modulation of lipopolysaccharide-induced oxidative stress by capsaicin. <b>2012</b> , 20, 207-17	20
1737	Arbuscular mycorrhizas and their role in plant growth, nitrogen interception and soil gas efflux in an organic production system. <b>2012</b> , 353, 181-194	49
1736	A novel method to measure the effect of temperature on diffusion of plant-available nitrogen in soil. <b>2012</b> , 354, 251-257	25
1735	Evaluation of two Indian native chicken breeds for reproduction traits and heritability of juvenile growth traits. <b>2012</b> , 44, 969-73	15
1734	Variability of total thiol compounds, oxidative and nitrosative stress in uncomplicated pregnant women and nonpregnant women. <b>2012</b> , 285, 1319-24	14
1733	Soil microbial responses to elevated phosphorus and pH in acidic temperate deciduous forests. <b>2012</b> , 109, 189-202	114
1732	Soluble inorganic and organic nitrogen in two Australian soils under sugarcane cultivation. <b>2012</b> , 155, 16-26	24
1731	Seasonal nitrous oxide emissions from different land uses and their controlling factors in a tropical riparian ecosystem. <b>2012</b> , 158, 15-30	13
1730	Nutrient dynamics, microbial growth and weed emergence in biochar amended soil are influenced by time since application and reapplication rate. <b>2012</b> , 158, 192-199	156
1729	Effect of fire and tree-grass patches on soil nitrogen in Australian tropical savannas. <b>2012</b> , 37, 668-677	10
1728	The protective effects of Ginkgo biloba extract (EGb-761) on radiation-induced dermatitis: an experimental study. <b>2012</b> , 37, 387-94	10
1727	Oral administration of potassium bromate, a major water disinfection by-product, induces oxidative stress and impairs the antioxidant power of rat blood. <b>2012</b> , 87, 750-6	16
1726	Neuroprotective effect of naringin by modulation of endogenous biomarkers in streptozotocin induced painful diabetic neuropathy. <b>2012</b> , 83, 650-9	164
1725	Effect of atorvastatin with or without prednisolone on Freund's adjuvant induced-arthritis in rats. <b>2012</b> , 676, 34-40	13
1724	Spermidine decreases Na <sup>+</sup> ,K <sup>+</sup> -ATPase activity through NMDA receptor and protein kinase G activation in the hippocampus of rats. <b>2012</b> , 684, 79-86	32
1723	Endothelial nitric oxide synthase impairment is restored by clofibrate treatment in an animal model of hypertension. <b>2012</b> , 685, 108-15	8

1722	Involvement of glutamate, oxidative stress and inducible nitric oxide synthase in the convulsant activity of ciprofloxacin in mice. <b>2012</b> , 685, 30-7	8
1721	Synthesis physicochemical profile and PAMPA study of new NO-donor edaravone co-drugs. <b>2012</b> , 20, 841-50	5
1720	Oxidant and antioxidant events during epidermal growth factor therapy to cutaneous wound healing in rats. <b>2012</b> , 9, 362-71	22
1719	Biochar-mediated changes in soil quality and plant growth in a three year field trial. <b>2012</b> , 45, 113-124	601
1718	Organic nitrogen mineralisation in two contrasting agro-ecosystems is unchanged by biochar addition. <b>2012</b> , 48, 47-50	63
1717	Spatial patterns of, and environmental controls on, soil properties at a riparian- $\beta$ addock interface. <b>2012</b> , 49, 38-45	27
1716	Microbial activity differentially regulates the vertical mobility of nitrogen compounds in soil. <b>2012</b> , 53, 120-123	20
1715	Insights antifibrotic mechanism of methyl palmitate: impact on nuclear factor kappa B and proinflammatory cytokines. <b>2012</b> , 258, 134-44	31
1714	Physicochemical and microbiological effects of long- and short-term winery wastewater application to soils. <b>2012</b> , 201-202, 219-28	35
1713	Remote preconditioning improves hepatic oxygenation after ischaemia reperfusion injury. <b>2012</b> , 25, 783-91	20
1712	The phenotype and functional alterations of macrophages in mice with hyperglycemia for long term. <b>2012</b> , 227, 1670-9	62
1711	DNA damage and its relationship with other oxidative stress parameters in Behcet's disease. <b>2012</b> , 32, 217-22	12
1710	Transcriptomic and metabolic responses of mycorrhizal roots to nitrogen patches under field conditions. <b>2012</b> , 350, 145-162	41
1709	PPAR-gamma agonist rosiglitazone attenuates the inflammation caused by carrageenan in the mouse model of pleurisy. <b>2012</b> , 35, 280-8	10
1708	Maternal depression model: long-lasting effects on the mother following separation from pups. <b>2012</b> , 37, 126-33	12
1707	SCH58261 the selective adenosine A(2A) receptor blocker modulates ischemia reperfusion injury following bilateral carotid occlusion: role of inflammatory mediators. <b>2012</b> , 37, 538-47	22
1706	Possible involvement of oxidative stress and inflammatory mediators in the protective effects of the early preconditioning window against transient global ischemia in rats. <b>2012</b> , 37, 614-21	14
1705	Effect of pre-partum supplementation of vitamin E to Murrah buffaloes on immune functions and viability of calves. <b>2013</b> , 97, 255-62	3



1704	Cocaine potentiates MDMA-induced oxidative stress but not dopaminergic neurotoxicity in mice: implications for the pathogenesis of free radical-induced neurodegenerative disorders. <b>2013</b> , 230, 125-35	12
1703	Ion exchange chromatographic separation and isolation of oligosaccharides of intact low-molecular-weight heparin for the determination of their anticoagulant and anti-inflammatory properties. <b>2013</b> , 405, 6043-52	14
1702	Melatonin Delays Brain Aging by Decreasing the Nitric Oxide Level. <b>2013</b> , 45, 187-192	5
1701	Bracken fern ( <i>Pteridium aquilinum</i> L. kuhn) promotes an open nitrogen cycle in heathland soils. <b>2013</b> , 367, 521-534	15
1700	Biochar application reduces nodulation but increases nitrogenase activity in clover. <b>2013</b> , 366, 83-92	72
1699	Evaluation of contralateral kidney, liver and lung after extracorporeal shock wave lithotripsy in rabbits. <b>2013</b> , 41, 431-6	5
1698	Amelioration of altered oxidant/antioxidant balance of Indian water buffaloes with subclinical mastitis by vitamins A, D3, E, and H supplementation. <b>2013</b> , 45, 971-8	8
1697	Effect of nitrate and L-arginine therapy on nitric oxide levels in serum, heart, and aorta of fetal hypothyroid rats. <b>2013</b> , 69, 751-9	20
1696	Underlying causes of yield spatial variability and potential for precision management in rice systems. <b>2013</b> , 14, 512-540	21
1695	Photodynamic therapeutic effect of indocyanine green entrapped in polymeric nanoparticles and their anti-EGFR-conjugate in skin cancer in CD1 mice. <b>2013</b> , 10, 446-59	23
1694	Anti-asthmatic effects of type-A procyanidine polyphenols from cinnamon bark in ovalbumin-induced airway hyperresponsiveness in laboratory animals. <b>2013</b> , 3, 23-30	62
1693	Protective and anti-angiopathy effects of caffeic acid phenethyl ester against induced type 1 diabetes in vivo. <b>2013</b> , 17, 408-14	13
1692	Heat-induced formation of nitrogen oxides in water. <b>2013</b> , 39, 687-99	5
1691	Fungus-mediated synthesis of silver nanoparticles and evaluation of antitumor activity. <b>2013</b> , 4, 73-79	68
1690	Low serum total nitrite and nitrate levels in severe leptospirosis. <b>2013</b> , 13, 206	11
1689	PDGF supplementation alters oxidative events in wound healing process: a time course study. <b>2013</b> , 305, 415-22	17
1688	The prognostic value of brain extracellular fluid nitric oxide metabolites after traumatic brain injury. <b>2013</b> , 19, 65-8	19
1687	Tau oligomers and fibrils induce activation of microglial cells. <b>2013</b> , 37, 849-56	81

1686	The cycling of readily available phosphorus in response to elevated phosphate in acidic temperate deciduous forests. <b>2013</b> , 63, 88-93	24
1685	Streptozotocin-induced vascular and biochemical changes in rats: Effects of rosiglitazone vs. metformin. <b>2013</b> , 51, 131-138	10
1684	Nitric oxide controls nitrate and ammonium assimilation in <i>Chlamydomonas reinhardtii</i> . <b>2013</b> , 64, 3373-83	57
1683	Elucidation of molecular mechanism involved in neuroprotective effect of Coenzyme Q10 in alcohol-induced neuropathic pain. <b>2013</b> , 27, 603-22	64
1682	Pyranocycloartobioxanthone A, a novel gastroprotective compound from <i>Artocarpus obtusus</i> Jarret, against ethanol-induced acute gastric ulcer in vivo. <b>2013</b> , 20, 834-43	49
1681	Protective effect of vitamin E and atorvastatin against potassium dichromate-induced nephrotoxicity in rats. <b>2013</b> , 2, 96-102	18
1680	Carbon sequestration and biogeochemical cycling in a saltmarsh subject to coastal managed realignment. <b>2013</b> , 120, 12-20	60
1679	Atorvastatin withdrawal elicits oxidative/nitrosative damage in the rat cerebral cortex. <b>2013</b> , 71, 1-8	8
1678	Inhibition of brain oxidative stress and inducible nitric oxide synthase expression by thymoquinone attenuates the development of morphine tolerance and dependence in mice. <b>2013</b> , 702, 62-70	39
1677	Nitrogen dynamics in Turbic Cryosols from Siberia and Greenland. <b>2013</b> , 67, 85-93	62
1676	A novel spectrophotometric method for indirect determination of nitric oxide (NO) in serum. <b>2013</b> , 424, 187-90	16
1675	Investigation of the effects of local glutathione and chitosan administration on incisional oral mucosal wound healing in rabbits. <b>2013</b> , 112, 499-507	17
1674	Effect of copper overload on the survival of HepG2 and A-549 human-derived cells. <b>2013</b> , 32, 299-315	9
1673	Functional remodelling of arterial endothelium during early postnatal development in rats. <b>2013</b> , 99, 612-21	21
1672	Gastroprotective effect of desmosdumotin C isolated from <i>Mitrella kentii</i> against ethanol-induced gastric mucosal hemorrhage in rats: possible involvement of glutathione, heat-shock protein-70, sulfhydryl compounds, nitric oxide, and anti- <i>Helicobacter pylori</i> activity. <b>2013</b> , 13, 183	41
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1669	Shikonin attenuates lipopolysaccharide-induced acute lung injury in mice. <b>2013</b> , 182, 303-11	26

1668	Vinpocetine protects liver against ischemia-reperfusion injury. <b>2013</b> , 91, 1064-70	25
1667	Ischemic preconditioning and tacrolimus pretreatment as strategies to attenuate intestinal ischemia-reperfusion injury in mice. <b>2013</b> , 45, 2480-5	9
1666	Anti-inflammatory effect of <i>Mentha longifolia</i> in lipopolysaccharide-stimulated macrophages: reduction of nitric oxide production through inhibition of inducible nitric oxide synthase. <b>2013</b> , 10, 393-400	20
1665	Effect of antioxidants and nitric oxide on activity of peritoneal macrophages in albino rats during normal pregnancy. <b>2013</b> , 154, 581-3	1
1664	Protective effect of melatonin and 1,25-dihydroxyvitamin D3 on renal ischemia-reperfusion injury in rats. <b>2013</b> , 35, 374-9	32
1663	Nitrate and nitrite content in bottled beverages by ion-pair high-performance liquid chromatography. <b>2013</b> , 6, 42-6	2
1662	Angiotensin-converting enzyme inhibition and angiotensin AT1 receptor blockade downregulate angiotensin-converting enzyme expression and attenuate renal injury in streptozotocin-induced diabetic rats. <b>2013</b> , 27, 378-87	11
1661	Down-regulation by stems and sheaths of grain filling with mobilized nitrogen in wheat. <b>2013</b> , 140, 59-68	12
1660	Microbial function in adjacent subtropical forest and agricultural soil. <b>2013</b> , 57, 68-77	32
1659	Inaccuracies of nitric oxide measurement methods in biological media. <b>2013</b> , 85, 1957-63	89
1658	Neurochemical evidence that the metabolites accumulating in 3-methylcrotonyl-CoA carboxylase deficiency induce oxidative damage in cerebral cortex of young rats. <b>2013</b> , 33, 137-46	12
1657	Pesticide-induced decrease in rat testicular steroidogenesis is differentially prevented by lipoate and tocopherol. <b>2013</b> , 91, 129-38	16
1656	Pepsin levels and oxidative stress markers in exhaled breath condensate of patients with gastroesophageal reflux disease. <b>2013</b> , 48, 2247-50	10
1655	Modulation of redox homeostasis by Lamiaceae herbs in seminal vesicles of <i>Lumbricus terrestris</i> . <b>2013</b> , 3, 93-99	1
1654	Disturbance of redox homeostasis by ornithine and homocitrulline in rat cerebellum: a possible mechanism of cerebellar dysfunction in HHH syndrome. <b>2013</b> , 93, 161-8	15
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1652	Free and nanoencapsulated curcumin prevents cigarette smoke-induced cognitive impairment and redox imbalance. <b>2013</b> , 100, 98-107	32
1651	Antiulcer activity of aqueous extract of leaves of <i>Madhuca indica</i> J. F. Gmel against naproxen induced gastric mucosal injury in rats. <b>2013</b> , 2, 127-133	10

1650	PLGA nanoparticles loaded with KMP-11 stimulate innate immunity and induce the killing of <i>Leishmania</i> . <b>2013</b> , 9, 985-95	35
1649	The effect of NADPH-oxidase inhibitor apocynin on cognitive impairment induced by moderate lateral fluid percussion injury: role of inflammatory and oxidative brain damage. <b>2013</b> , 63, 583-93	54
1648	Particulate matter neurotoxicity in culture is size-dependent. <b>2013</b> , 36, 112-7	45
1647	Synthesis of thiophene and NO-curcuminoids for antiinflammatory and anti-cancer activities. <b>2013</b> , 18, 1483-501	17
1646	Effects of L-arginine supplementation on blood flow, oxidative stress status and exercise responses in young adults with uncomplicated type I diabetes. <b>2013</b> , 52, 975-83	23
1645	Protective action of ethanolic extract of <i>Rosmarinus officinalis</i> L. in gastric ulcer prevention induced by ethanol in rats. <b>2013</b> , 55, 48-55	92
1644	Potential effects of yohimbine and sildenafil on erectile dysfunction in rats. <b>2013</b> , 700, 127-33	10
1643	Feather moss nitrogen acquisition across natural fertility gradients in boreal forests. <b>2013</b> , 61, 86-95	37
1642	Would nitric oxide be an effective marker for earlier stages of peri-implant disease? An analysis in human peri-implant sulcular fluid. <b>2013</b> , 39, 37-43	4
1641	Novel effects of ectoine, a bacteria-derived natural tetrahydropyrimidine, in experimental colitis. <b>2013</b> , 20, 585-91	37
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1639	Mycelia extracts of fungal strains isolated from <i>Cordyceps sinensis</i> differently enhance the function of RAW 264.7 macrophages. <b>2013</b> , 148, 818-25	23
1638	Role of oxidative stress and inducible nitric oxide synthase in morphine-induced tolerance and dependence in mice. Effect of alpha-lipoic acid. <b>2013</b> , 247, 17-26	50
1637	Nitric Oxide Levels Total Antioxidant and Oxidant Capacity in Cattle with Foot and Mouth Disease. <b>2013</b> ,	5
1636	New anti-inflammatory thiazolyl-carbonyl-thiosemicarbazides and thiazolyl-azoles with antioxidant properties as potential iNOS inhibitors. <b>2013</b> , 36, 702-14	19
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1632	Transient biochar effects on decomposer microbial growth rates: evidence from two agricultural case-studies. <b>2013</b> , 64, 770-776	39
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1630	Chicken amyloid arthropathy: serum amyloid A, interleukin-1beta, interleukin-6, tumour necrosis factor-alpha and nitric oxide profile in acute phase (12th hour). <b>2013</b> , 16, 241-7	9
1629	Efficacy of subantimicrobial-dose doxycycline against nitrosative stress in chronic periodontitis. <b>2013</b> , 34, 247-54	11
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1627	Nitric oxide synthesis is increased in cybrid cells with m.3243A>G mutation. <b>2012</b> , 14, 394-410	11
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1625	Comparison of the effect of contrast medium, air, and ozone on ischemia/reperfusion injury due to experimental intussusception model. <b>2013</b> , 43, 637-641	
1624	⌘-Mangostin from <i>Cratoxylum arborescens</i> (Vahl) Blume Demonstrates Anti-Ulcerogenic Property: A Mechanistic Study. <b>2013</b> , 2013, 450840	15
1623	Transthyretin aggregates induce production of reactive nitrogen species. <b>2013</b> , 11, 42-8	14
1622	The stimulated innate resistance event in <i>Bordetella pertussis</i> infection is dependent on reactive oxygen species production. <b>2013</b> , 81, 2371-8	10
1621	Evaluation of in vivo wound healing activity of <i>Bacopa monniera</i> on different wound model in rats. <b>2013</b> , 2013, 972028	73
1620	Protective effect of spin-labeled 1-ethyl-1-nitrosourea against oxidative stress in liver induced by antitumor drugs and radiation. <b>2013</b> , 2013, 924870	3
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1592	In vivo healing potential of <i>Aegle marmelos</i> in excision, incision, and dead space wound models. <b>2014</b> , 2014, 740107	23
1591	Nitrate reductase ( <sup>15</sup> N) discrimination in <i>Arabidopsis thaliana</i> , <i>Zea mays</i> , <i>Aspergillus niger</i> , <i>Picea angusta</i> , and <i>Escherichia coli</i> . <b>2014</b> , 5, 317	13
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1547	Influence of redox conditions and rice straw incorporation on nitrogen availability in fertilized paddy soils. <b>2014</b> , 50, 755-764	36
1546	HOE-140, an antagonist of B2 receptor, protects against memory deficits and brain damage induced by moderate lateral fluid percussion injury in mice. <b>2014</b> , 231, 1935-48	11
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1543	Wound healing activity of standardized extract of <i>Curculigo orchioides</i> in streptozotocin-induced diabetic mice. <b>2014</b> , 4, S48-S53	7

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1541	Neuroprotective effects of idebenone against pilocarpine-induced seizures: modulation of antioxidant status, DNA damage and Na(+), K (+)-ATPase activity in rat hippocampus. <b>2014</b> , 39, 394-402	14
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1539	Ellagic acid protects against carrageenan-induced acute inflammation through inhibition of nuclear factor kappa B, inducible cyclooxygenase and proinflammatory cytokines and enhancement of interleukin-10 via an antioxidant mechanism. <b>2014</b> , 19, 290-9	86
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1533	Maturity indices in co-composting of chicken manure and sawdust with biochar. <b>2014</b> , 168, 245-51	137
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1531	A fast and direct spectrophotometric method for the sequential determination of nitrate and nitrite at low concentrations in small volumes. <b>2014</b> , 162, 30-36	126
1530	Spectrum and mechanisms of inflammasome activation by chitosan. <b>2014</b> , 192, 5943-51	91
1529	Camel's milk ameliorates TNBS-induced colitis in rats via downregulation of inflammatory cytokines and oxidative stress. <b>2014</b> , 69, 294-302	68
1528	Evidence for function overlapping of CymA and the cytochrome bc1 complex in the <i>Shewanella oneidensis</i> nitrate and nitrite respiration. <b>2014</b> , 16, 3181-95	68
1527	Is there more soil carbon under nitrogen-fixing trees than under non-nitrogen-fixing trees in mixed-species restoration plantings?. <b>2014</b> , 188, 80-84	48
1526	Scales that matter: guiding effective monitoring of soil properties in restored riparian zones. <b>2014</b> , 228-229, 173-181	20
1525	Antioxidant and antitumor activities of 4-arylcoumarins and 4-aryl-3,4-dihydrocoumarins. <b>2014</b> , 107 Pt B, 203-10	31

1524	The effect of colchicine and low-dose methotrexate on intestinal ischemia/reperfusion injury in an experimental model. <b>2014</b> , 49, 1471-4	8
1523	p53 regulates mesenchymal stem cell-mediated tumor suppression in a tumor microenvironment through immune modulation. <b>2014</b> , 33, 3830-8	47
1522	Solasodine protects rat brain against ischemia/reperfusion injury through its antioxidant activity. <b>2014</b> , 725, 40-6	26
1521	Copper-induced alterations in rat brain depends on route of overload and basal copper levels. <b>2014</b> , 30, 96-106	19
1520	The influence of soil properties on denitrifying bacterial communities and denitrification potential in no-till production farms under contrasting management in the Argentinean Pampas. <b>2014</b> , 75, 172-180	21
1519	Nilotinib interferes with the signalling pathways implicated in acetaminophen hepatotoxicity. <b>2014</b> , 114, 263-70	14
1518	Partial replacement of dietary linoleic acid with long chain n-3 polyunsaturated fatty acids protects against dextran sulfate sodium-induced colitis in rats. <b>2014</b> , 91, 289-97	10
1517	Modulatory effect of celestrol on Th1/Th2 cytokines profile, TLR2 and CD3+ T-lymphocyte expression in a relapsing-remitting model of multiple sclerosis in rats. <b>2014</b> , 742, 102-12	29
1516	Almonds inhibit dyslipidemia and vascular dysfunction in rats through multiple pathways. <b>2014</b> , 144, 1768-74	13
1515	Role of oxidative stress, inflammation, nitric oxide and transforming growth factor-beta in the protective effect of diosgenin in monocrotaline-induced pulmonary hypertension in rats. <b>2014</b> , 740, 379-87	41
1514	Growth of nitrite-oxidizing bacteria by aerobic hydrogen oxidation. <b>2014</b> , 345, 1052-4	99
1513	Stoichiometric controls upon low molecular weight carbon decomposition. <b>2014</b> , 79, 50-56	47
1512	Ellagic acid antiinflammatory and antiapoptotic potential mediate renoprotection in cisplatin nephrotoxic rats. <b>2014</b> , 28, 472-9	23
1511	C5a and bradykinin receptor cross-talk regulates innate and adaptive immunity in Trypanosoma cruzi infection. <b>2014</b> , 193, 3613-23	26
1510	Redox conditions and trace metal cycling in coastal sediments from the maritime Antarctic. <b>2014</b> , 141, 26-44	25
1509	Response of organic N monomers in a sub-alpine soil to a dry-wet cycle. <b>2014</b> , 77, 233-242	19
1508	The novel Janus kinase inhibitor ruxolitinib confers protection against carbon tetrachloride-induced hepatotoxicity via multiple mechanisms. <b>2014</b> , 220, 116-27	12
1507	Soil microbial organic nitrogen uptake is regulated by carbon availability. <b>2014</b> , 77, 261-267	98

1506	Neuroprotective effects of rosuvastatin against traumatic spinal cord injury in rats. <b>2014</b> , 741, 45-54	14
1505	Selenium ameliorates isotretinoin-induced liver injury and dyslipidemia via antioxidant effect in rats. <b>2014</b> , 24, 433-7	11
1504	Proanthocyanidin oxidation of Arabidopsis seeds is altered in mutant of the high-affinity nitrate transporter NRT2.7. <b>2014</b> , 65, 885-93	18
1503	Chlorophytum borivilianum (Safed Musli) root extract prevents impairment in characteristics and elevation of oxidative stress in sperm of streptozotocin-induced adult male diabetic Wistar rats. <b>2014</b> , 14, 291	24
1502	Differential nitric oxide synthesis and host apoptotic events correlate with bleaching susceptibility in reef corals. <b>2014</b> , 33, 141-153	37
1501	Three months of moderate-intensity exercise reduced plasma 3-nitrotyrosine in rheumatoid arthritis patients. <b>2014</b> , 114, 1483-92	29
1500	Fumarate metabolism and ATP production in Pseudomonas fluorescens exposed to nitrosative stress. <b>2014</b> , 106, 431-8	10
1499	Early season dynamics of soil nitrogen fluxes in fertilized and unfertilized boreal forests. <b>2014</b> , 74, 167-176	29
1498	Histopathologic, biochemical and genotoxic investigations on chronic sodium nitrite toxicity in mice. <b>2014</b> , 66, 367-75	23
1497	Pomegranate extract protects against cerebral ischemia/reperfusion injury and preserves brain DNA integrity in rats. <b>2014</b> , 110, 61-9	51
1496	Comparison of some antioxidant properties of plant extracts from Origanum vulgare, Salvia officinalis, Eleutherococcus senticosus and Stevia rebaudiana. <b>2014</b> , 50, 614-22	25
1495	Evaluation of the effects of fructose on oxidative stress and inflammatory parameters in rat brain. <b>2014</b> , 50, 1124-30	16
1494	Vascular damage in obese female rats with hypoestrogenism. <b>2014</b> , 70, 81-91	6
1493	Does biochar application alter heavy metal dynamics in agricultural soil?. <b>2014</b> , 184, 149-157	126
1492	Chrysin alleviates testicular dysfunction in adjuvant arthritic rats via suppression of inflammation and apoptosis: comparison with celecoxib. <b>2014</b> , 279, 129-40	36
1491	Propolis enhances the effectiveness of praziquantel in experimental schistosomiasis: biochemical and histopathological study. <b>2014</b> , 113, 4513-23	12
1490	Organic capping type affected nitrogen availability and associated enzyme activities in reconstructed oil sands soils in Alberta, Canada. <b>2014</b> , 73, 92-101	21
1489	Gastroprotective effect of taurine zinc solid dispersions against absolute ethanol-induced gastric lesions is mediated by enhancement of antioxidant activity and endogenous PGE2 production and attenuation of NO production. <b>2014</b> , 740, 329-36	37

1488	Celastrol ameliorates murine colitis via modulating oxidative stress, inflammatory cytokines and intestinal homeostasis. <b>2014</b> , 210, 26-33	59
1487	Evaluation of the pharmacological properties of salicylic acid-derivative organoselenium: 2-hydroxy-5-selenocyanatobenzoic acid as an anti-inflammatory and antinociceptive compound. <b>2014</b> , 118, 87-95	20
1486	Chloroquine synergizes sunitinib cytotoxicity via modulating autophagic, apoptotic and angiogenic machineries. <b>2014</b> , 217, 28-40	65
1485	Effects of ultrafine diesel exhaust particles on oxidative stress generation and dopamine metabolism in PC-12 cells. <b>2014</b> , 37, 954-9	16
1484	Adverse testicular effects of Botox <sup>®</sup> in mature rats. <b>2014</b> , 275, 182-8	6
1483	Protective effect of omega-3 fatty acid against mercury chloride intoxication in mice. <b>2014</b> , 28, 94-9	11
1482	Evaluation of the neuroprotective effect of chrysin via modulation of endogenous biomarkers in a rat model of spinal cord injury. <b>2014</b> , 68, 586-603	69
1481	Hesperidin, a flavanoglycone attenuates experimental diabetic neuropathy via modulation of cellular and biochemical marker to improve nerve functions. <b>2014</b> , 52, 814-28	105
1480	Inhibition of inducible nitric oxide synthase prevents shock wave therapy induced renal injury. <b>2014</b> , 36, 774-80	6
1479	Fiber sensor based on Lophine sensitive layer for nitrate detection in drinking water. <b>2014</b> , 60, 38-43	14
1478	Polysaccharide extract of Cordyceps sobolifera attenuates renal injury in endotoxemic rats. <b>2014</b> , 69, 281-8	37
1477	Naringenin adds to the protective effect of L-arginine in monocrotaline-induced pulmonary hypertension in rats: favorable modulation of oxidative stress, inflammation and nitric oxide. <b>2014</b> , 62, 161-70	29
1476	Protective effect of quercetin against acetic acid induced inflammatory bowel disease (IBD) like symptoms in rats: possible morphological and biochemical alterations. <b>2014</b> , 66, 169-73	45
1475	Effect of simvastatin on the antihypertensive activity of losartan in hypertensive hypercholesterolemic animals and patients: role of nitric oxide, oxidative stress, and high-sensitivity C-reactive protein. <b>2014</b> , 28, 237-48	16
1474	Maritime halophyte species from southern Portugal as sources of bioactive molecules. <b>2014</b> , 12, 2228-44	59
1473	WITHDRAWN: Multimechanistic neuroprotective effect of vitamin E against deltamethrin induced brain toxicity. <b>2014</b> ,	2
1472	Role of oxidant-antioxidant imbalance in the pathogenesis of chronic obstructive pulmonary disease. <b>2015</b> , 64, 813-820	13
1471	Changes in the Mother-Placenta-Fetus System Under the Effect of $\alpha$ -Tocopherol in Albino Rats with Normal Pregnancy. <b>2015</b> , 159, 517-9	

1470	Microbial physiology and soil CO <sub>2</sub> efflux after 9 years of soil warming in a temperate forest - no indications for thermal adaptations. <b>2015</b> , 21, 4265-77	72
1469	Fine root dynamics in lodgepole pine and white spruce stands along productivity gradients in reclaimed oil sands sites. <b>2015</b> , 5, 4655-70	11
1468	Microbial nitrogen dynamics in organic and mineral soil horizons along a latitudinal transect in western Siberia. <b>2015</b> , 29, 567-582	80
1467	Nitrogen fluxes at the root-soil interface show a mismatch of nitrogen fertilizer supply and sugarcane root uptake capacity. <b>2015</b> , 5, 15727	47
1466	Nitrification Responses of Soil Ammonia-Oxidizing Archaea and Bacteria to Ammonium Concentrations. <b>2015</b> , 79, 1366-1374	38
1465	Protective Effect of Piper aduncum Capsule on DMBA-induced Breast Cancer in Rats. <b>2015</b> , 9, 41-8	10
1464	Positive regulation of the <i>Shewanella oneidensis</i> OmpS38, a major porin facilitating anaerobic respiration, by Crp and Fur. <b>2015</b> , 5, 14263	14
1463	Landscape scale survey of indicators of soil health in grazing systems. <b>2015</b> , 53, 154	7
1462	The Arabidopsis root stele transporter NPF2.3 contributes to nitrate translocation to shoots under salt stress. <b>2015</b> , 83, 466-79	71
1461	Effect of <i>Serenoa Repens</i> on Oxidative Stress, Inflammatory and Growth Factors in Obese Wistar Rats with Benign Prostatic Hyperplasia. <b>2015</b> , 29, 1525-31	21
1460	Phototherapeutic Effect of Low-Level Laser on Thyroid Gland of Gamma-Irradiated Rats. <b>2015</b> , 91, 942-51	5
1459	Anti-allergic effect of intranasal administration of type-A procyanidin polyphenols based standardized extract of cinnamon bark in ovalbumin sensitized BALB/c mice. <b>2015</b> , 29, 423-33	52
1458	Response of respiration and nutrient availability to drying and rewetting in soil from a semi-arid woodland depends on vegetation patch and a recent wildfire. <b>2015</b> , 12, 5093-5101	10
1457	Paroxetine ameliorates changes in hippocampal energy metabolism in chronic mild stress-exposed rats. <b>2015</b> , 11, 2887-901	6
1456	Effects of rice straw burning products on guinea pig lungs. <b>2015</b> , 9, 645-661	1
1455	Hepatocyte Growth Factor Mediates the Antifibrogenic Action of <i>Ocimum bacilicum</i> Essential Oil against CCL <sub>4</sub> -Induced Liver Fibrosis in Rats. <b>2015</b> , 20, 13518-35	30
1454	Mechanisms of the antihypertensive effects of <i>Nigella sativa</i> oil in L-NAME-induced hypertensive rats. <b>2015</b> , 70, 751-7	51
1453	Estimating annual soil carbon loss in agricultural peatland soils using a nitrogen budget approach. <b>2015</b> , 10, e0121432	10

1452	Tightly-Coupled Plant-Soil Nitrogen Cycling: Comparison of Organic Farms across an Agricultural Landscape. <b>2015</b> , 10, e0131888	30
1451	Mangiferin Mitigates Gastric Ulcer in Ischemia/ Reperfused Rats: Involvement of PPAR- $\alpha$ /NF- $\kappa$ B and Nrf2/HO-1 Signaling Pathways. <b>2015</b> , 10, e0132497	45
1450	Therapeutic Potential of Date Palm Pollen for Testicular Dysfunction Induced by Thyroid Disorders in Male Rats. <b>2015</b> , 10, e0139493	28
1449	Does Dietary Mitigation of Enteric Methane Production Affect Rumen Function and Animal Productivity in Dairy Cows?. <b>2015</b> , 10, e0140282	55
1448	On the mechanism by which dietary nitrate improves human skeletal muscle function. <b>2015</b> , 6, 211	37
1447	Anti-Inflammation Property of Syzygium cumini (L.) Skeels on Indomethacin-Induced Acute Gastric Ulceration. <b>2015</b> , 2015, 343642	18
1446	CD40-CD40 Ligand Pathway is a Major Component of Acute Neuroinflammation and Contributes to Long-term Cognitive Dysfunction after Sepsis. <b>2015</b> , 21, 219-26	46
1445	Therapeutic role of glucogalactan polysaccharide extracted from Agaricus bisporus on trimethyltin chloride induced neuropathy in rats. <b>2015</b> , 14, 2052-2065	3
1444	Nebivolol and chrysin protect the liver against ischemia/reperfusion-induced injury in rats. <b>2015</b> , 4, 86-92	4
1443	K <sup>-</sup> sa S <sup>eli</sup> PRID Uygulanan D <sup>ilerde</sup> Baz <sup>-</sup> Oksidatif Stres Parametrelerinin De <sup>irlendirilmesi</sup> . <b>2015</b> ,	2
1442	A study on the effect of cimetidine and L-carnitine on myoglobinuric acute kidney injury in male rats. <b>2015</b> , 46, 1223-30	5
1441	Investigation of the effect of dorsal penile block to penile tissue. <b>2015</b> , 11, 268.e1-5	3
1440	Vitamin D treatment protects against and reverses oxidative stress induced muscle proteolysis. <b>2015</b> , 152, 171-9	61
1439	Anthocyanins suppress the secretion of proinflammatory mediators and oxidative stress, and restore ion pump activities in demyelination. <b>2015</b> , 26, 378-90	48
1438	On-site semi-quantitative analysis for ammonium nitrate detection using digital image colourimetry. <b>2015</b> , 55, 437-45	19
1437	Influence of green tea extract on oxidative damage and apoptosis induced by deltamethrin in rat brain. <b>2015</b> , 50, 23-31	55
1436	Novel (pyrazolyl)benzenesulfonamides with a nitric oxide-releasing moiety as selective cyclooxygenase-2 inhibitors. <b>2015</b> , 25, 3295-300	18
1435	The furoxan nitric oxide donor, PRG150, evokes dose-dependent analgesia in a rat model of painful diabetic neuropathy. <b>2015</b> , 42, 921-929	12

1434	Effect of thermal manipulation during embryogenesis on liver heat shock protein expression in chronic heat stressed colored broiler chickens. <b>2015</b> , 53, 162-71	23
1433	Therapeutic potential of orlistat - bupropion treatment on high fat diet-induced lipotoxicity. <b>2015</b> , 7, 262-271	1
1432	LPS-induced oxidative inflammation and hyperlipidemia in male rats: The protective role of <i>Origanum majorana</i> extract. <b>2015</b> , 4, 291-298	7
1431	L-arginine catabolism is driven mainly towards nitric oxide synthesis in the erythrocytes of patients with type 2 diabetes at first clinical onset. <b>2015</b> , 52, 135-43	12
1430	Protective effects of alpha lipoic acid versus N-acetylcysteine on ifosfamide-induced nephrotoxicity. <b>2015</b> , 31, 97-107	11
1429	Nanocarrier-mediated inhibition of macrophage migration inhibitory factor attenuates secondary injury after spinal cord injury. <b>2015</b> , 9, 1492-505	60
1428	Anti-inflammatory and Antioxidative Activities of Safranal in the Reduction of Renal Dysfunction and Damage that Occur in Diabetic Nephropathy. <b>2015</b> , 38, 1537-45	27
1427	<i>Shewanella oneidensis</i> cytochrome c maturation component Ccml is essential for heme attachment at the non-canonical motif of nitrite reductase Nrfa. <b>2015</b> , 95, 410-25	30
1426	Age- and sex-related variability in physiological and immune responses to endotoxin challenge in Murrah buffaloes ( <i>Bubalus bubalis</i> ). <b>2015</b> , 43, 1-9	1
1425	Does low stomatal conductance or photosynthetic capacity enhance growth at elevated CO <sub>2</sub> in <i>Arabidopsis</i> ?. <b>2015</b> , 167, 793-9	14
1424	Protective effects of friedelin isolated from <i>Azima tetraacantha</i> Lam. against ethanol-induced gastric ulcer in rats and possible underlying mechanisms. <b>2015</b> , 750, 167-75	57
1423	[The optimization of the nitric oxide quantitative analysis for its determination in the cultural medium of mammalian cell culture]. <b>2015</b> , 41, 74-81	2
1422	Ferric microperoxidase-11 catalyzes peroxyxynitrite isomerization. <b>2015</b> , 144, 56-61	8
1421	Supplemental carvacrol can reduce the severity of inflammation by influencing the production of mediators of inflammation. <b>2015</b> , 38, 1020-7	25
1420	Sitagliptin attenuates transient cerebral ischemia/reperfusion injury in diabetic rats: implication of the oxidative-inflammatory-apoptotic pathway. <b>2015</b> , 126, 81-6	50
1419	Protective effect of <i>Lactobacillus plantarum</i> 21, a probiotic on trinitrobenzenesulfonic acid-induced ulcerative colitis in rats. <b>2015</b> , 25, 504-10	36
1418	A novel therapeutic approach targeting rheumatoid arthritis by combined administration of morin, a dietary flavanol and non-steroidal anti-inflammatory drug indomethacin with reference to pro-inflammatory cytokines, inflammatory enzymes, RANKL and transcription factors. <b>2015</b> , 230, 58-70	35
1417	Effects of probiotic supplementation on systemic and intestinal oxidant-antioxidant events in splenectomized rats. <b>2015</b> , 45, 1166-72	8



1416	Pretreatment with magnesium ameliorates lipopolysaccharide-induced liver injury in mice. <b>2015</b> , 67, 914-20	12
1415	Nitro-oxidative stress, VEGF and MMP-9 in patients with cirrhotic and non-cirrhotic portal hypertension. <b>2015</b> , 88, 140-5	5
1414	Response to "A new remedial approach to oxidant/antioxidant imbalance-based diseases: Wet-cupping therapy". <b>2015</b> , 23, 634	
1413	Sodium nitrite-induced oxidative stress causes membrane damage, protein oxidation, lipid peroxidation and alters major metabolic pathways in human erythrocytes. <b>2015</b> , 29, 1878-86	51
1412	Conversion of Uric Acid into Ammonium in Oil-Degrading Marine Microbial Communities: a Possible Role of Halomonads. <b>2015</b> , 70, 724-40	11
1411	Globally significant greenhouse-gas emissions from African inland waters. <b>2015</b> , 8, 637-642	255
1410	Effect of dietary supplementation of ginger and turmeric rhizomes on angiotensin-1 converting enzyme (ACE) and arginase activities in L-NAME induced hypertensive rats. <b>2015</b> , 17, 792-801	44
1409	Dietary fats significantly influence the survival of penumbral neurons in a rat model of chronic ischemic by modifying lipid mediators, inflammatory biomarkers, NOS production, and redox-dependent apoptotic signals. <b>2015</b> , 31, 1430-42	6
1408	Soil respiration, microbial biomass and nutrient availability after the second amendment are influenced by legacy effects of prior residue addition. <b>2015</b> , 88, 169-177	60
1407	Soil nitrogen pools and turnover in native woodland and managed pasture soils. <b>2015</b> , 85, 63-71	11
1406	Neuroprotective effects of pioglitazone against transient cerebral ischemic reperfusion injury in diabetic rats: Modulation of antioxidant, anti-inflammatory, and anti-apoptotic biomarkers. <b>2015</b> , 67, 901-6	24
1405	Diosmin protects against ethanol-induced gastric injury in rats: novel anti-ulcer actions. <b>2015</b> , 10, e0122417	133
1404	β-Chaconine isolated from a Solanum tuberosum L. cv Jayoung suppresses lipopolysaccharide-induced pro-inflammatory mediators via AP-1 inactivation in RAW 264.7 macrophages and protects mice from endotoxin shock. <b>2015</b> , 235, 85-94	17
1403	Natural abundance (δ <sup>15</sup> N) indicates shifts in nitrogen relations of woody taxa along a savanna-woodland continental rainfall gradient. <b>2015</b> , 178, 297-308	16
1402	Potential Small- and Large-Scale Effects of Mechanical Beach Cleaning on Biological Assemblages of Exposed Sandy Beaches Receiving Low Inputs of Beach-Cast Macroalgae. <b>2015</b> , 38, 2083-2100	11
1401	Colorimetric determination of nitrite in clinical, food and environmental samples using microfluidic devices stamped in paper platforms. <b>2015</b> , 7, 7311-7317	108
1400	Vertical Distribution of Functional Potential and Active Microbial Communities in Meromictic Lake Kivu. <b>2015</b> , 70, 596-611	28
1399	Ischemic preconditioning and postconditioning alleviates hippocampal tissue damage through abrogation of apoptosis modulated by oxidative stress and inflammation during transient global cerebral ischemia-reperfusion in rats. <b>2015</b> , 232, 21-9	22

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- 1397 Potential antifibrotic and angiostatic impact of idebenone, carnosine and vitamin E in nano-sized titanium dioxide-induced liver injury. **2015**, 35, 2402-11 24
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1375	Lignite amendment has limited impacts on soil microbial communities and mineral nitrogen availability. <b>2015</b> , 95, 140-150	21
1374	Inactivation Effect of Low-Temperature Plasma on <i>Pseudomonas aeruginosa</i> for Nosocomial Anti-Infection. <b>2015</b> , 43, 3211-3218	6
1373	Potential effects of vildagliptin on biomarkers associated with prothrombosis in diabetes mellitus. <b>2015</b> , 19, 1607-16	4
1372	Dynamic Analysis of Nitric Oxide and Total Oxidant Capacity in Cow Uterine Secretion with Subclinical Endometritis. <b>2015</b> , 22, 35-39	2
1371	Nitric oxide-releasing polymeric furoxan conjugates. <b>2015</b> , 6, 7737-7748	10
1370	Dietary supplementation of ginger and turmeric improves reproductive function in hypertensive male rats. <b>2015</b> , 2, 1357-1366	28
1369	Short-term water stress affecting NO <sub>3</sub> <sup>-</sup> absorption by almond plants. <b>2015</b> , 197, 50-56	7
1368	Complete nitrification by <i>Nitrospira</i> bacteria. <b>2015</b> , 528, 504-9	1148
1367	Pterostilbene alleviates diabetic nephropathy in experimental diabetic rats; inhibition of aldose reductase and advanced glycation end products formation. <b>2015</b> , 15, 297-303	0
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1365	High resolution and dynamic imaging of biopersistence and bioreactivity of extra and intracellular MWNTs exposed to microglial cells. <b>2015</b> , 70, 57-70	27
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1363	Endogenous oestrogens do not regulate endothelial nitric oxide production in early postnatal rats. <b>2015</b> , 765, 598-605	7

1362	Amelioration of nandrolone decanoate-induced testicular and sperm toxicity in rats by taurine: effects on steroidogenesis, redox and inflammatory cascades, and intrinsic apoptotic pathway. <b>2015</b> , 282, 285-96	41
1361	Montelukast, a cysteinyl leukotriene receptor-1 antagonist protects against hippocampal injury induced by transient global cerebral ischemia and reperfusion in rats. <b>2015</b> , 40, 139-50	34
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1359	Modulation of imatinib cytotoxicity by selenite in HCT116 colorectal cancer cells. <b>2015</b> , 116, 37-46	16
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1357	Experimentally induced hyperthyroidism influences oxidant and antioxidant status and impairs male gonadal functions in adult rats. <b>2015</b> , 47, 644-54	12
1356	Nitrogen fertilization and tillage reversal affected water-extractable organic carbon and nitrogen differentially in a Black Chernozem and a Gray Luvisol. <b>2015</b> , 146, 253-260	15
1355	Spatial and temporal heterogeneity of bacteria across an intertidal shellfish bed: implications for regulatory monitoring of faecal indicator organisms. <b>2015</b> , 506-507, 1-9	6
1354	Protective effect of artichoke leaf extract against paracetamol-induced hepatotoxicity in rats. <b>2015</b> , 53, 167-73	32
1353	Serum nitrate and nitrite levels in patients with hypertension and ischemic stroke depend on diet: a multicenter study. <b>2015</b> , 48, 29-32	11
1352	Microbial community structure mediates response of soil C decomposition to litter addition and warming. <b>2015</b> , 80, 175-188	129
1351	H <sub>2</sub> S donors attenuate diabetic nephropathy in rats: Modulation of oxidant status and polyol pathway. <b>2015</b> , 67, 17-23	22
1350	Tocotrienols have a nephroprotective action against lipid-induced chronic renal dysfunction in rats. <b>2015</b> , 37, 136-43	14
1349	Network analysis reveals that bacteria and fungi form modules that correlate independently with soil parameters. <b>2015</b> , 17, 2677-89	109
1348	Effects of temperature and amendments on nitrogen mineralization in selected Australian soils. <b>2015</b> , 22, 8843-54	23
1347	Biochar differentially affects the cycling and partitioning of low molecular weight carbon in contrasting soils. <b>2015</b> , 80, 79-88	25
1346	Albumin infusion improves renal blood flow autoregulation in patients with acute decompensation of cirrhosis and acute kidney injury. <b>2015</b> , 35, 335-43	35
1345	Disentangling the effect of sheep urine patch size and nitrogen loading rate on cumulative N <sub>2</sub> O emissions. <b>2016</b> , 56, 265	16

1344	Long term treatment of fluoxetine and buspirone on gastric mucosal integrity in rats. <b>2016</b> , 10, 737-747	
1343	Impact of chronic administration of anabolic androgenic steroids and taurine on blood pressure in rats. <b>2016</b> , 49, e5116	11
1342	The Association of Dietary l-Arginine Intake and Serum Nitric Oxide Metabolites in Adults: A Population-Based Study. <b>2016</b> , 8,	16
1341	Potential role of punicalagin against oxidative stress induced testicular damage. <b>2016</b> , 18, 627-32	22
1340	Impact of glutamine on the effect of neopterin in methyl mercury-exposed neurons. <b>2016</b> , 29, 104-113	
1339	A Mechanistic Study on the Amiodarone-Induced Pulmonary Toxicity. <b>2016</b> , 2016, 6265853	12
1338	Transcriptome Analysis of <i>Scrippsiella trochoidea</i> CCMP 3099 Reveals Physiological Changes Related to Nitrate Depletion. <b>2016</b> , 7, 639	26
1337	Molecular Underpinnings of Nitrite Effect on CymA-Dependent Respiration in <i>Shewanella oneidensis</i> . <b>2016</b> , 7, 1154	12
1336	Improved Hepatoprotective Effect of Liposome-Encapsulated Astaxanthin in Lipopolysaccharide-Induced Acute Hepatotoxicity. <b>2016</b> , 17,	36
1335	Association between Dietary Intakes of Nitrate and Nitrite and the Risk of Hypertension and Chronic Kidney Disease: Tehran Lipid and Glucose Study. <b>2016</b> , 8,	22
1334	Increased Reactive Oxygen Species Formation and Oxidative Stress in Rheumatoid Arthritis. <b>2016</b> , 11, e0152925	193
1333	Effect of noise stress on cardiovascular system in adult male albino rat: implication of stress hormones, endothelial dysfunction and oxidative stress. <b>2016</b> , 35, 371-7	38
1332	Cross-Regulation between N Metabolism and Nitric Oxide (NO) Signaling during Plant Immunity. <b>2016</b> , 7, 472	31
1331	Evidence of oxidative stress in brain and liver of young rats submitted to experimental galactosemia. <b>2016</b> , 31, 1381-1390	4
1330	Antinociceptive and anti-inflammatory effect of the <i>Scutia buxifolia</i> Reissek stem barks extract. <b>2016</b> , 23, 1021-8	8
1329	Consumption of probiotic <i>Lactobacillus rhamnosus</i> (MTCC: 5897) containing fermented milk plays a key role in development of the immune system in newborn mice during the suckling-weaning transition. <b>2016</b> , 60, 261-7	15
1328	Carrageenans effect on neutrophils alone and in combination with LPS in vitro. <b>2016</b> , 104, 1603-9	16
1327	Furoxan-Bearing Micelles for Nitric Oxide Delivery. <b>2016</b> , 16, 1009-18	7

1326	Effects of wetting frequency and afforestation on carbon, nitrogen and the microbial community in soil. <b>2016</b> , 231, 34-43	6
1325	Spirostanol saponins from Chinese onion ( <i>Allium chinense</i> ) exert pronounced anti-inflammatory and anti-proliferative activities. <b>2016</b> , 25, 208-219	22
1324	The stress effects of a single injection of isotonic saline solution: systemic (blood) and central (frontal cortex and dorsal and ventral hippocampus). <b>2016</b> , 10, 115-119	8
1323	Comparison of Aqueous Humor Nitric Oxide Levels After Different Corneal Collagen Cross-Linking Methods. <b>2016</b> , 41, 1539-1542	1
1322	Ascorbate attenuates pulmonary emphysema by inhibiting tobacco smoke and Rtp801-triggered lung protein modification and proteolysis. <b>2016</b> , 113, E4208-17	25
1321	Aged Garlic Extract Attenuates Neuronal Injury in a Rat Model of Spinal Cord Ischemia/Reperfusion Injury. <b>2016</b> , 19, 601-6	13
1320	Chikusetsusaponin IVa Methyl Ester Isolated from the Roots of <i>Achyranthes japonica</i> Suppresses LPS-Induced iNOS, TNF- $\alpha$ , IL-6, and IL-1 $\beta$ Expression by NF- $\kappa$ B and AP-1 Inactivation. <b>2016</b> , 39, 657-64	26
1319	Effects of thinning intensity on nutrient concentration and enzyme activity in <i>Larix kaempferi</i> forest soils. <b>2016</b> , 40,	7
1318	Practical nitrate sensor based on electrochemical impedance measurement. <b>2016</b> ,	8
1317	Disturbance Regimes Predictably Alter Diversity in an Ecologically Complex Bacterial System. <b>2016</b> , 7,	26
1316	Recovery capacity of the edible halophyte <i>Crithmum maritimum</i> from temporary salinity in relation to nutrient accumulation and nitrogen metabolism. <b>2016</b> , 71, 1345-1352	2
1315	Relationships between labile soil organic matter and nematode communities in a California oak woodland. <b>2016</b> , 18, 1231-1245	10
1314	Serotonin and histamine mediate gastroprotective effect of fluoxetine against experimentally-induced ulcers in rats. <b>2016</b> , 13, 638-51	8
1313	Beneficial role of ascorbic and folic acids antioxidants against thyroxin-induced testicular dysfunction in hyperthyroid rats. <b>2016</b> , 23, 17246-54	6
1312	Phenolics from Durian Exert Pronounced NO Inhibitory and Antioxidant Activities. <b>2016</b> , 64, 4273-9	17
1311	A slow release nitrogen fertiliser produced by simultaneous granulation and superheated steam drying of urea with brown coal. <b>2016</b> , 3,	17
1310	Determination of Nitrite in Whole Blood by High-Performance Liquid Chromatography with Electrochemical Detection and a Case of Nitrite Poisoning. <b>2016</b> , 61, 254-8	13
1309	Oleuropein ameliorates arsenic induced oxidative stress in mice. <b>2016</b> , 36, 1-6	17

1308	Nitrite Reductase Activity in Engineered Azurin Variants. <b>2016</b> , 55, 4233-47		3
1307	Combination of telmisartan with sildenafil ameliorate progression of diabetic nephropathy in streptozotocin-induced diabetic model. <b>2016</b> , 81, 136-144		11
1306	Exponential fertilization promotes seedling growth by increasing nitrogen retranslocation in trembling aspen planted for oil sands reclamation. <b>2016</b> , 372, 35-43		17
1305	In vitro mechanistic and in vivo anti-tumor studies of <i>Glycosmis pentaphylla</i> (Retz.) DC against breast cancer. <b>2016</b> , 186, 159-168		5
1304	One more health benefit of blood donation: reduces acute-phase reactants, oxidants and increases antioxidant capacity. <b>2016</b> , 27, 653-657		5
1303	Annual grass invasion in sagebrush steppe: the relative importance of climate, soil properties and biotic interactions. <b>2016</b> , 181, 543-57		34
1302	Contribution of NMDA, GABAA and GABAB receptors and l-arginine-NO-cGMP, MEK1/2 and CaMK-II pathways in the antidepressant-like effect of 7-fluoro-1,3-diphenylisoquinoline-1-amine in mice. <b>2016</b> , 782, 6-13		12
1301	Inactivation of virus in solution by cold atmospheric pressure plasma: identification of chemical inactivation pathways. <b>2016</b> , 49, 204001		91
1300	The effect of environmental hypercapnia and size on nitrite toxicity in the striped catfish ( <i>Pangasianodon hypophthalmus</i> ). <b>2016</b> , 176, 151-60		15
1299	SERS nanoprobe for the monitoring of endogenous nitric oxide in living cells. <b>2016</b> , 85, 324-330		46
1298	A new, fast and sensitive method for the determination of trace amounts of nitrite using differential pulse polarography. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2016</b> , 57, 79-84	5	9
1297	Chemometric approach to the optimisation of LC-FL and GC-MS methods for the determination of nitrite and nitrate in some biological, food and environmental samples. <b>2016</b> , 96, 636-652		4
1296	Electrochemical fabrication and amperometric sensor application of graphene sheets. <b>2016</b> , 95, 56-64		9
1295	Is the fate of glucose-derived carbon more strongly driven by nutrient availability, soil texture, or microbial biomass size?. <b>2016</b> , 103, 201-212		38
1294	Anti-diabetic and renoprotective effects of aliskiren in streptozotocin-induced diabetic nephropathy in female rats. <b>2016</b> , 389, 1315-1324		13
1293	Locally produced wood biochar increases nutrient retention and availability in agricultural soils of the San Juan Islands, USA. <b>2016</b> , 233, 43-54		52
1292	Flax lignan concentrate attenuate hypertension and abnormal left ventricular contractility via modulation of endogenous biomarkers in two-kidney-one-clip (2K1C) hypertensive rats. <b>2016</b> , 26, 601-610		4
1291	Oxidative stress and DNA damage in horses naturally infected with <i>Theileria equi</i> . <b>2016</b> , 217, 112-118		16



1290	Vineyard soil bacterial diversity and composition revealed by 16S rRNA genes: Differentiation by vineyard management. <b>2016</b> , 103, 337-348	59
1289	Caffeine plus nicotine improves motor function, spatial and non-spatial working memory and functional indices in BALB/c male mice. <b>2016</b> , 23, 251-258	12
1288	Crocin protects human erythrocytes from nitrite-induced methemoglobin formation and oxidative damage. <b>2016</b> , 40, 1320-1331	4
1287	The contribution of ericoid plants to soil nitrogen chemistry and organic matter decomposition in boreal forest soil. <b>2016</b> , 103, 394-404	29
1286	Benzophenones from Mango Leaves Exhibit $\beta$ -Glucosidase and NO Inhibitory Activities. <b>2016</b> , 64, 7475-7480	23
1285	Modulatory effect of cilostazol on tramadol-induced behavioral and neurochemical alterations in rats challenged across the forced swim despair test. <b>2016</b> , 5, 193-201	2
1284	In vitro studies of an aged black garlic extract enriched in S-allylcysteine and polyphenols with cardioprotective effects. <b>2016</b> , 27, 189-200	23
1283	Hummocks affect soil properties and soil-vegetation relationships in a subalpine grassland (North-Western Italian Alps). <b>2016</b> , 145, 214-226	13
1282	Soil Respiration, Microbial Biomass C and N Availability in a Sandy Soil Amended with Clay and Residue Mixtures. <b>2016</b> , 26, 643-651	6
1281	Polydatin inhibits the oxidative stress-induced proliferation of vascular smooth muscle cells by activating the eNOS/SIRT1 pathway. <b>2016</b> , 37, 1652-60	32
1280	Effect of arginine : lysine ratio in free amino acid and protein form on L-NAME induced hypertension in hypercholesterolemic Wistar rats. <b>2016</b> , 6, 73388-73398	13
1279	In vivo pharmacological activity and biodistribution of S-nitrosophytochelators after intravenous and intranasal administration in mice. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2016</b> , 59, 1-9	5 6
1278	Enhanced Antitumor Activity against Melanoma Cancer Cells by Nitric Oxide Release and Photosensitized Generation of Singlet Oxygen from Ruthenium Complexes. <b>2016</b> , 2016, 3592-3597	23
1277	Effect of exercise intensity on postprandial lipemia, markers of oxidative stress, and endothelial function after a high-fat meal. <b>2016</b> , 41, 1278-1284	16
1276	Engineering of complex protein sialylation in plants. <b>2016</b> , 113, 9498-503	61
1275	Anti-apoptotic and antioxidant effects of low dose gamma irradiation against diabetes-induced brain injury in rats. <b>2016</b> , 55, 451-460	6
1274	Riparian reforestation: are there changes in soil carbon and soil microbial communities?. <b>2016</b> , 566-567, 960-967	23
1273	Legacy effect of previous residue addition—Influence of length of the moist period between residue additions on soil respiration, microbial biomass and nutrient availability. <b>2016</b> , 52, 1047-1057	2



1272	Relationship of Some Oxidative Stress Biomarkers in Jumper Horses After Regular Training Program. <b>2016</b> , 47, 20-24	7
1271	Inhibition of the JAK/STAT pathway by ruxolitinib ameliorates thioacetamide-induced hepatotoxicity. <b>2016</b> , 96, 290-301	16
1270	Is Coenzyme Q10 Effective in Protection against Ulcerative Colitis? An Experimental Study in Rats. <b>2016</b> , 39, 1159-66	7
1269	A Nitric Oxide Storage and Transport System That Protects Activated Macrophages from Endogenous Nitric Oxide Cytotoxicity. <b>2016</b> , 291, 27042-27061	28
1268	NapB in excess inhibits growth of <i>Shewanella oneidensis</i> by dissipating electrons of the quinol pool. <b>2016</b> , 6, 37456	10
1267	Renoprotective effect of virgin coconut oil in heated palm oil diet-induced hypertensive rats. <b>2016</b> , 41, 1033-1038	6
1266	Photothermal therapeutic effect of PEGylated gold nano-semicubes in chemically-induced skin cancer in mice. <b>2016</b> , 164, 21-29	15
1265	Potential of morin and hesperidin in the prevention of cisplatin-induced nephrotoxicity. <b>2016</b> , 38, 1291-9	13
1264	Methamphetamine, 3,4-methylenedioxymethamphetamine (MDMA) and 3,4-methylenedioxypyrovalerone (MDPV) induce differential cytotoxic effects in bovine brain microvessel endothelial cells. <b>2016</b> , 629, 125-130	26
1263	Quality standardization of herbal medicines using effective compounds combination as labeled constituents. <b>2016</b> , 129, 320-331	7
1262	Sustaining elevated levels of nitrite in the oral cavity through consumption of nitrate-rich beetroot juice in young healthy adults reduces salivary pH. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2016</b> , 60, 10-15	5 32
1261	Protective effects of <i>Centella asiatica</i> leaf extract on dimethylnitrosamine-induced liver injury in rats. <b>2016</b> , 14, 4521-4528	26
1260	Analysis of the content, colourants, fats, nitrate and nitrite in advertised foods and biological fluids of Egyptian children. <b>2016</b> , 118, 2692-2709	2
1259	Reduction of radiation-induced nitrate stress in leucocytes and kidney cells of rats upon administration of polyphenolic complex concentrates from red wine. <b>2016</b> , 50, 187-195	2
1258	Association between serum nitric oxide and Epstein-Barr virus in patients with systemic lupus erythematosus. <b>2016</b> , 13, 106-110	
1257	Investigating the role of tumour cell derived iNOS on tumour growth and vasculature in vivo using a tetracycline regulated expression system. <b>2016</b> , 138, 2678-87	12
1256	Minocycline Attenuates Depressive-Like Behaviour Induced by Rat Model of Testicular Torsion: Involvement of Nitric Oxide Pathway. <b>2016</b> , 118, 249-58	14
1255	Inhibition of the NF- $\kappa$ B and p38 MAPK pathways by scopoletin reduce the inflammation caused by carrageenan in the mouse model of pleurisy. <b>2016</b> , 38, 344-52	10

1254	Pastures to woodlands: changes in soil microbial communities and carbon following reforestation. <b>2016</b> , 107, 24-32	21
1253	The secondary compost products enhances soil suppressive capacity against bacterial wilt of tomato caused by <i>Ralstonia solanacearum</i> . <b>2016</b> , 75, 70-78	12
1252	Antifibrotic effect of meloxicam in rat liver: role of nuclear factor kappa B, proinflammatory cytokines, and oxidative stress. <b>2016</b> , 389, 971-83	12
1251	Freeze-thaw cycles have minimal effect on the mineralisation of low molecular weight, dissolved organic carbon in Arctic soils. <b>2016</b> , 39, 2387-2401	8
1250	Melatonin not only restores but also prevents the inhibition of the intestinal Ca(2+) absorption caused by glutathione depleting drugs. <b>2016</b> , 197, 16-22	7
1249	Nebivolol prevents indomethacin-induced gastric ulcer in rats. <b>2016</b> , 13, 580-9	23
1248	The use of polarity switching for the sensitive determination of nitrate in human cerebrospinal fluid by capillary electrophoresis with contactless conductivity detection. <b>2016</b> , 1447, 148-54	7
1247	Mineral nitrogen forms alter <sup>14</sup> C-glucose mineralisation and nitrogen transformations in litter and soil from two sugarcane fields. <b>2016</b> , 107, 154-161	16
1246	Morin, a dietary bioflavonol suppresses monosodium urate crystal-induced inflammation in an animal model of acute gouty arthritis with reference to NLRP3 inflammasome, hypo-xanthine phospho-ribosyl transferase, and inflammatory mediators. <b>2016</b> , 786, 116-127	41
1245	Type of organic carbon amendment influences pH changes in acid sulfate soils in flooded and dry conditions. <b>2016</b> , 16, 518-526	16
1244	“Fertile island” Effects of <i>Tamarix chinensis</i> Lour. on soil N and P stoichiometry in the coastal wetland of Laizhou Bay, China. <b>2016</b> , 16, 864-877	26
1243	Clay amendment to sandy soil—effect of clay concentration and ped size on nutrient dynamics after residue addition. <b>2016</b> , 16, 2072-2080	24
1242	Antiviral Action of Diphenyl Diselenide on Herpes Simplex Virus 2 Infection in Female BALB/c Mice. <b>2016</b> , 117, 1638-48	35
1241	Characterising the within-field scale spatial variation of nitrogen in a grassland soil to inform the efficient design of in-situ nitrogen sensor networks for precision agriculture. <b>2016</b> , 230, 294-306	22
1240	Downregulation of toll-like receptor 4 and IL-6 following irradiation of the rat urinary bladder. <b>2016</b> , 43, 698-705	14
1239	Protective effect of taurine against potassium bromate-induced hemoglobin oxidation, oxidative stress, and impairment of antioxidant defense system in blood. <b>2016</b> , 31, 304-13	13
1238	Investigation of the effect of intracolonic melatonin gel formulation on acetic acid-induced colitis. <b>2016</b> , 23, 2318-2326	10
1237	Effect of amlodipine, lisinopril and allopurinol on acetaminophen-induced hepatotoxicity in rats. <b>2016</b> , 24, 635-644	16

1236	The Paraoxonase 1 Arylesterase Activity, Total Oxidative Stress, Nitric Oxide and Vitamin C Levels in Maternal Serum, and Their Relation to Birth Weight of Newborn. <b>2016</b> , 66, 327-32	2
1235	Reducing environmental risk of excessively fertilized soils and improving cucumber growth by Caragana microphylla-straw compost application in long-term continuous cropping systems. <b>2016</b> , 544, 251-61	36
1234	Comparison of the Anti-inflammatory Effects of Proanthocyanidin, Quercetin, and Damnacanthal on Benzo(a)pyrene Exposed A549 Alveolar Cell Line. <b>2016</b> , 39, 744-51	17
1233	Ursodeoxycholic and deoxycholic acids: Differential effects on intestinal Ca(2+) uptake, apoptosis and autophagy of rat intestine. <b>2016</b> , 591, 28-34	13
1232	Genistein ameliorated endothelial nitric oxidase synthase uncoupling by stimulating sirtuin-1 pathway in ox-LDL-injured HUVECs. <b>2016</b> , 42, 118-24	14
1231	Soil respiration, microbial biomass and nutrient availability in soil amended with high and low C/N residue –Influence of interval between residue additions. <b>2016</b> , 95, 189-197	29
1230	Life at the interface: above- and below-ground responses of a grazed pasture soil to reforestation. <b>2016</b> , 100, 27-37	9
1229	Soil moisture legacy effects: Impacts on soil nutrients, plants and mycorrhizal responsiveness. <b>2016</b> , 95, 173-179	60
1228	Preparation of Free-Standing and Flexible Graphene/Ag Nanoparticles/Poly(pyronin Y) Hybrid Paper Electrode for Amperometric Determination of Nitrite. <b>2016</b> , 8, 2713-22	96
1227	Distant effects of unilateral renal ischemia/reperfusion on contralateral kidney but not lung in rats: the roles of ROS and iNOS. <b>2016</b> , 94, 477-87	9
1226	Pretreatment Combination Reduces Remote Organ Damage Secondary to Intestinal Reperfusion Injury in Mice: Follow-up Study. <b>2016</b> , 48, 210-6	6
1225	Land-use and local physical and chemical habitat parameters predict site occupancy by hellbender salamanders. <b>2016</b> , 770, 105-116	14
1224	Prophylactic and Therapeutic Potential of Acetyl-L-carnitine against Acetaminophen-Induced Hepatotoxicity in Mice. <b>2016</b> , 30, 5-11	6
1223	Gastroprotective effect of garlic in indomethacin induced gastric ulcer in rats. <b>2016</b> , 32, 849-54	44
1222	Stimulation of soil organic nitrogen pool: The effect of plant and soil organic matter degrading enzymes. <b>2016</b> , 96, 97-106	37
1221	Neuroprotective effects of thymoquinone against spinal cord ischemia-reperfusion injury by attenuation of inflammation, oxidative stress, and apoptosis. <b>2016</b> , 24, 949-59	50
1220	Association between serum nitric oxide metabolites and thyroid hormones in a general population: Tehran Thyroid Study. <b>2016</b> , 41, 193-9	5
1219	Vitamin E Improves Serum Paraoxonase-1 Activity and Some Metabolic Factors in Patients with Type 2 Diabetes: No Effects on Nitrite/Nitrate Levels. <b>2016</b> , 35, 521-528	18

1218	The mobility of nitrification inhibitors under simulated ruminant urine deposition and rainfall: a comparison between DCD and DMPP. <b>2016</b> , 52, 491-503		46
1217	Intranasal curcumin ameliorates airway inflammation and obstruction by regulating MAPKinase activation (p38, Erk and JNK) and prostaglandin D2 release in murine model of asthma. <b>2016</b> , 31, 200-6		25
1216	Effects of warming and grazing on dissolved organic nitrogen in a Tibetan alpine meadow ecosystem. <b>2016</b> , 158, 156-164		15
1215	Effects of cell phone radiation on lipid peroxidation, glutathione and nitric oxide levels in mouse brain during epileptic seizure. <b>2016</b> , 75, 111-5		12
1214	Targeting inflammatory mediators with ferulic acid, a dietary polyphenol, for the suppression of monosodium urate crystal-induced inflammation in rats. <b>2016</b> , 148, 201-10		55
1213	Soil diffusive fluxes constitute the bottleneck to tree nitrogen nutrition in a Scots pine forest. <b>2016</b> , 399, 109-120		16
1212	Effect of nitrogen fertilizer on greenhouse gas emissions in two willow clones ( <i>Salix miyabeana</i> and <i>S. dasyclados</i> ) in southern Ontario, Canada. <b>2016</b> , 90, 785-796		14
1211	Serum nitric oxide is associated with the risk of chronic kidney disease in women: Tehran lipid and glucose study. <b>2016</b> , 76, 304-8		9
1210	The urine patch diffusional area: An important N <sub>2</sub> O source?. <b>2016</b> , 92, 161-170		19
1209	Added value of total serum nitrate/nitrite for prediction of cardiovascular disease in middle east caucasian residents in Tehran. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2016</b> , 54, 60-6	5	13
1208	Endothelial nitric oxide weakens arterial contractile responses and reduces blood pressure during early postnatal development in rats. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2016</b> , 55-56, 1-9	5	16
1207	A neuronal disruption in redox homeostasis elicited by ammonia alters the glycine/glutamate (GABA) cycle and contributes to MMA-induced excitability. <b>2016</b> , 48, 1373-89		8
1206	Curcumin Attenuates Inflammation, Oxidative Stress, and Ultrastructural Damage Induced by Spinal Cord Ischemia-Reperfusion Injury in Rats. <b>2016</b> , 25, 1196-1207		38
1205	A fluorescent nanoprobe based on metal-enhanced fluorescence combined with Förster resonance energy transfer for the trace detection of nitrite ions. <b>2016</b> , 6, 27395-27403		19
1204	Nitric oxide scavengers differentially inhibit ammonia oxidation in ammonia-oxidizing archaea and bacteria. <b>2016</b> , 363,		22
1203	Increased S-nitrosothiols are associated with spinal cord injury in multiple sclerosis. <b>2016</b> , 28, 38-42		5
1202	Molybdate transporter ModABC is important for <i>Pseudomonas aeruginosa</i> chronic lung infection. <b>2016</b> , 9, 23		11
1201	Peritumoral adipose tissue as a source of inflammatory and angiogenic factors in colorectal cancer. <b>2016</b> , 31, 365-75		17

1200	The Th1/Th2 paradigm in lambda cyhalothrin-induced spleen toxicity: The role of thymoquinone. <b>2016</b> , 41, 14-21	12
1199	Effect of piracetam, vincamine, vinpocetine, and donepezil on oxidative stress and neurodegeneration induced by aluminum chloride in rats. <b>2016</b> , 25, 305-318	19
1198	Soil respiration, microbial biomass and nutrient availability in soil after repeated addition of low and high C/N plant residues. <b>2016</b> , 52, 165-176	32
1197	Attenuating the negative effects of irrigation with saline water on cucumber ( <i>Cucumis sativus</i> L.) by application of straw biological-reactor. <b>2016</b> , 163, 169-179	11
1196	Olfactory Dysfunctions and Decreased Nitric Oxide Production in the Brain of Human P301L Tau Transgenic Mice. <b>2016</b> , 41, 722-30	10
1195	Effect of plasma NOx values on cardiac function in obese hypertensive and normotensive pediatric patients. <b>2016</b> , 31, 473-83	7
1194	Protective effects of trigonelline against indomethacin-induced gastric ulcer in rats and potential underlying mechanisms. <b>2016</b> , 7, 398-408	43
1193	Evidence for a uniformly small isotope effect of nitrogen leaching loss: results from disturbed ecosystems in seasonally dry climates. <b>2016</b> , 181, 323-33	11
1192	Double-Edged Roles of Nitric Oxide Signaling on APP Processing and Amyloid- $\beta$ Production In Vitro: Preliminary Evidence from Sodium Nitroprusside. <b>2016</b> , 29, 21-34	8
1191	Hesperidin alleviates cisplatin-induced hepatotoxicity in rats without inhibiting its antitumor activity. <b>2016</b> , 68, 349-56	55
1190	Assessment of Oxidative Stress Markers and Carotid Artery Intima-Media Thickness in Elderly Patients Without and with Coronary Artery Disease. <b>2016</b> , 31, 278-85	8
1189	Automated determination of nitrate plus nitrite in aqueous samples with flow injection analysis using vanadium (III) chloride as reductant. <b>2016</b> , 146, 744-8	38
1188	Novel effect of Daflon and low-dose $\gamma$ radiation in modulation of thioacetamide-induced hepatic encephalopathy in male albino rats. <b>2017</b> , 36, 62-81	15
1187	Are serum nitric oxide metabolites associated with fasting insulin among Iranian adults? (Tehran Lipid and Glucose Study). <b>2017</b> , 42, 96-101	3
1186	Pro-steroidogenic and pro-spermatogenic actions of nitric oxide (NO) on the catfish, <i>Clarias batrachus</i> : An in vivo study. <b>2017</b> , 242, 1-10	12
1185	Anthocyanins control neuroinflammation and consequent memory dysfunction in mice exposed to lipopolysaccharide. <b>2017</b> , 54, 3350-3367	45
1184	Protective effect of citicoline against aluminum-induced cognitive impairments in rats. <b>2017</b> , 33, 308-317	11
1183	Telmisartan ameliorates carbon tetrachloride-induced acute hepatotoxicity in rats. <b>2017</b> , 32, 359-370	4

1182	Anti-amnestic Effect of Curcumin in Combination with Donepezil, an Anticholinesterase Drug: Involvement of Cholinergic System. <b>2017</b> , 31, 560-569	42
1181	L-arginine alters the effect of 5-fluorouracil on breast cancer cells in favor of apoptosis. <b>2017</b> , 88, 114-123	21
1180	The effect of sertraline and 8-OH-DPAT on the PTZ-induced seizure threshold: Role of the nitroergic system. <b>2017</b> , 45, 119-124	10
1179	Elemental Zinc Is Inversely Associated with C-Reactive Protein and Oxidative Stress in Chronic Liver Disease. <b>2017</b> , 178, 189-193	15
1178	Greenhouse gas emissions from intensively managed peat soils in an arable production system. <b>2017</b> , 237, 162-172	19
1177	Oxidative stress biomarkers and their relationship with cytokine concentrations in overweight/obese pregnant women and their neonates. <b>2017</b> , 18, 3	18
1176	Mechanisms responsible for high N <sub>2</sub> O emissions from subarctic permafrost peatlands studied via stable isotope techniques. <b>2017</b> , 31, 172-189	29
1175	A potential mechanism for the ameliorative effect of thymoquinone on pentylentetrazole-induced kindling and cognitive impairments in mice. <b>2017</b> , 88, 553-561	19
1174	Ethanol Extract of <i>Potentilla supina</i> Linne Suppresses LPS-induced Inflammatory Responses through NF- $\kappa$ B and AP-1 Inactivation in Macrophages and in Endotoxic mice. <b>2017</b> , 31, 475-487	13
1173	Combination of Sitagliptin and Silymarin ameliorates liver fibrosis induced by carbon tetrachloride in rats. <b>2017</b> , 89, 98-107	27
1172	Evaluation of vascular tone and cardiac contractility in response to silver nanoparticles, using Langendorff rat heart preparation. <b>2017</b> , 13, 1507-1518	14
1171	Hydrothermal synthesized urchin-like nickel-cobalt carbonate hollow spheres for sensitive amperometric detection of nitrite. <b>2017</b> , 708, 780-786	21
1170	Nitrogen use strategies of seedlings from neotropical tree species of distinct successional groups. <b>2017</b> , 114, 119-127	11
1169	Fungal and bacterial contributions to nitrogen cycling in cheatgrass-invaded and uninvaded native sagebrush soils of the western USA. <b>2017</b> , 416, 271-281	13
1168	Microfluidic detection of soil nitrate ions using novel electrochemical foam electrode. <b>2017</b> ,	1
1167	Effects of topical capsaicin combined with moderate exercise on insulin resistance, body weight and oxidative stress in hypoestrogenic obese rats. <b>2017</b> , 41, 750-758	15
1166	Nitrification potential in the rhizosphere of Australian native vegetation. <b>2017</b> , 55, 58	8
1165	Neuroprotective effect of nebivolol against cisplatin-associated depressive-like behavior in rats. <b>2017</b> , 141, 449-460	24

1164	Wildfire impact: Natural experiment reveals differential short-term changes in soil microbial communities. <b>2017</b> , 109, 1-13	38
1163	Biogas slurry use as N fertilizer for two-season <i>Zizania aquatica</i> Turcz. in China. <b>2017</b> , 107, 303-320	25
1162	Silver nanoparticles reduce brain inflammation and related neurotoxicity through induction of HS-synthesizing enzymes. <b>2017</b> , 7, 42871	75
1161	Clay Addition to Sandy Soil—Influence of Clay Type and Size on Nutrient Availability in Sandy Soils Amended with Residues Differing in C/N ratio. <b>2017</b> , 27, 293-305	18
1160	Cultivation and characterization of <i>Candidatus Nitrosocosmicus exaquare</i> , an ammonia-oxidizing archaeon from a municipal wastewater treatment system. <b>2017</b> , 11, 1142-1157	119
1159	Repression of acetaminophen-induced hepatotoxicity by a combination of celastrol and brilliant blue G. <b>2017</b> , 275, 6-18	15
1158	Bis(phenylimidazoselenazoly) diselenide elicits antinociceptive effect by modulating myeloperoxidase activity, NOx and NFkB levels in the collagen-induced arthritis mouse model. <b>2017</b> , 69, 1022-1032	14
1157	The Nuclear Receptor Nr4a1 Acts as a Microglia Rheostat and Serves as a Therapeutic Target in Autoimmune-Driven Central Nervous System Inflammation. <b>2017</b> , 198, 3878-3885	15
1156	Relationship Between Urinary Nitrate Excretion and Blood Pressure in the InChianti Cohort. <b>2017</b> , 30, 707-712	12
1155	Is the Level of Nitric Oxide in the Dental Follicular Tissues of Impacted Third Molars With a History of Recurrent Pericoronitis a True Marker of Oxidative Stress?. <b>2017</b> , 75, 2058-2062	2
1154	Sodium meta-arsenite induced reactive oxygen species in human red blood cells: impaired antioxidant and membrane redox systems, haemoglobin oxidation, and morphological changes. <b>2017</b> , 51, 483-497	9
1153	Different ways in which CO <sub>2</sub> can be released during the turnover of roots in soil. <b>2017</b> , 53, 369-374	7
1152	Application of platelet derived growth factor-BB and diabetic wound healing: the relationship with oxidative events. <b>2017</b> , 51, 498-505	21
1151	Polymer with pendant diazo-coupling functionality for colorimetric detection of nitrates. <b>2017</b> , 251, 21-26	7
1150	. <b>2017</b> , 64, 7333-7341	80
1149	Nitrous oxide and methane seasonal variability in the epilimnion of a large tropical meromictic lake (Lake Kivu, East-Africa). <b>2017</b> , 79, 209-218	11
1148	Effect of sexual excitation on testosterone and nitric oxide levels of water buffalo bulls ( <i>Bubalus bubalis</i> ) with different categories of sexual behavior and their correlation with each other. <b>2017</b> , 181, 151-158	10
1147	Anti-inflammatory and gastroprotective potential of leaf essential oil of <i>Cinnamomum glanduliferum</i> in ethanol-induced rat experimental gastritis. <b>2017</b> , 55, 1654-1661	13



1146	Tiger nut ( <i>Cyperus esculentus</i> L.) supplemented diet modulate key biochemical indices relevant to erectile function in male rats. <b>2017</b> , 34, 152-158	8
1145	Impacts of dose and time of boldenone and stanozolol exposure in inflammatory markers, oxidative and nitrosative stress and histopathological changes in the rat testes. <b>2017</b> , 90, 101-108	13
1144	Therapeutic potential of carfilzomib, an irreversible proteasome inhibitor, against acetaminophen-induced hepatotoxicity in mice. <b>2017</b> , 31, N/A	1
1143	Amperometric nitrite sensor based on free-standing carbon nanotube/methylene blue composite paper. <b>2017</b> , 23, 3507-3516	8
1142	High-sulforaphane broccoli sprout powder reduces serum nitric oxide metabolites in <i>Helicobacter pylori</i> infected patients. <b>2017</b> , 34, 356-358	6
1141	Green manure and long-term fertilization effects on soil zinc and cadmium availability and uptake by wheat ( <i>Triticum aestivum</i> L.) at different growth stages. <b>2017</b> , 599-600, 1330-1343	31
1140	Cudraticusxanthone A attenuates renal injury in septic mice. <b>2017</b> , 106, 404-410	12
1139	Post-anthesis nitrate uptake is critical to yield and grain protein content in <i>Sorghum bicolor</i> . <b>2017</b> , 216, 118-124	11
1138	Effect of N <sub>2</sub> /O <sub>2</sub> composition on inactivation efficiency of <i>Escherichia coli</i> by discharge plasma at the gas-solution interface. <b>2017</b> , 7-8, 1-8	19
1137	Novel NO-releasing plumbagin derivatives: Design, synthesis and evaluation of antiproliferative activity. <b>2017</b> , 137, 88-95	16
1136	Exogenous Ammonium Nitrate and Urea Effects as Sources of Nitrogen on Nitrate Assimilation, Photosynthetic Pigments and Biochemical Characteristics in <i>Zea mays</i> L.. <b>2017</b> , 41, 95-101	2
1135	Beneficial Effect of Aqueous Garlic Extract on Inflammation and Oxidative Stress Status in the Kidneys of Type 1 Diabetic Rats. <b>2017</b> , 32, 329-336	23
1134	Hybrid brown coal-urea fertiliser reduces nitrogen loss compared to urea alone. <b>2017</b> , 601-602, 1496-1504	21
1133	Determination of phenolic profile by HPLC-ESI-MS/MS and anti-inflammatory activity of crude hydroalcoholic extract and ethyl acetate fraction from leaves of <i>Eugenia brasiliensis</i> . <b>2017</b> , 27, 459-465	11
1132	Critical comparison of the impact of biochar and wood ash on soil organic matter cycling and grassland productivity. <b>2017</b> , 110, 134-142	28
1131	Protective effect of extract on -methyl-nitrosourea (NMU) induced prostate cancer in rats. <b>2017</b> , 5, 47-52	8
1130	Three years of biochar amendment alters soil physiochemical properties and fungal community composition in a black soil of northeast China. <b>2017</b> , 110, 56-67	155
1129	Dietary nitrate does not reduce oxygen cost of exercise or improve muscle mitochondrial function in patients with mitochondrial myopathy. <b>2017</b> , 312, R689-R701	5



1128	Comparative Modulation of Levels of Oxidative Stress in the Liver of Anti-Tuberculosis Drug Treated Wistar Rats by Vitamin B12, Beta-Carotene, and Spirulina fusiformis: Role of NF- $\kappa$ B, iNOS, IL-6, and IL-10. <b>2017</b> , 118, 3825-3833		9
1127	Transdermal delivery of atorvastatin calcium from novel nanovesicular systems using polyethylene glycol fatty acid esters: Ameliorated effect without liver toxicity in poloxamer 407-induced hyperlipidemic rats. <b>2017</b> , 254, 10-22		37
1126	Alliin, a garlic organosulfur compound, ameliorates gut inflammation through MAPK-NF- $\kappa$ B/AP-1/STAT-1 inactivation and PPAR- $\alpha$ activation. <b>2017</b> , 61, 1601013		43
1125	Effect of Cadmium Stress on Non-enzymatic Antioxidant and Nitric Oxide Levels in Two Varieties of Maize ( <i>Zea mays</i> ). <b>2017</b> , 98, 845-849		20
1124	The potential curative effect of rebamipide in hepatic ischemia/reperfusion injury. <b>2017</b> , 390, 691-700		18
1123	Silver Nanoparticles and Metallic Silver Interfere with the Griess Reaction: Reduction of Azo Dye Formation via a Competing Sandmeyer-Like Reaction. <b>2017</b> , 30, 1030-1037		8
1122	Antifibrotic effect of diethylcarbamazine combined with hesperidin against ethanol induced liver fibrosis in rats. <b>2017</b> , 89, 1196-1206		16
1121	Targeted delivery of morin, a dietary bioflavanol encapsulated mannosylated liposomes to the macrophages of adjuvant-induced arthritis rats inhibits inflammatory immune response and osteoclastogenesis. <b>2017</b> , 115, 229-242		27
1120	Unlocking the in vitro anti-inflammatory and antidiabetic potential of <i>Polygonum maritimum</i> . <b>2017</b> , 55, 1348-1357		19
1119	Vitamin C intake modify the impact of dietary nitrite on the incidence of type 2 diabetes: A 6-year follow-up in Tehran Lipid and Glucose Study. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2017</b> , 62, 24-31	5	12
1118	Soil Respiration, Microbial Biomass and Nutrient Availability in Soil After Addition of Residues with Adjusted N and P Concentrations. <b>2017</b> , 27, 76-85		29
1117	Coupled molecular and isotopic evidence for denitrifier controls over terrestrial nitrogen availability. <b>2017</b> , 11, 727-740		11
1116	In situ integration of graphene foam-titanium nitride based bio-scaffolds and microfluidic structures for soil nutrient sensors. <b>2017</b> , 17, 274-285		44
1115	Effects of age and caloric restriction in the vascular response of renal arteries to endothelin-1 in rats. <b>2017</b> , 88, 32-41		5
1114	Nicorandil improves post-fatigue tension in slow skeletal muscle fibers by modulating glutathione redox state. <b>2017</b> , 49, 159-170		8
1113	Carbonic anhydrase inhibition boosts the antitumor effects of Imatinib mesylate via potentiating the antiangiogenic and antimetastatic machineries. <b>2017</b> , 316, 123-138		7
1112	Methods for the detection and determination of nitrite and nitrate: A review. <b>2017</b> , 165, 709-720		224
1111	Enhancing tolerance of rice ( <i>Oryza sativa</i> ) to simulated acid rain by exogenous abscisic acid. <b>2017</b> , 24, 4860-4870		17

1110	Effects of garlic extract on TNF- $\alpha$ expression and oxidative stress status in the kidneys of rats with STZ + nicotinamide-induced diabetes. <b>2017</b> , 55, 526-531	33
1109	Agricultural soil denitrifiers possess extensive nitrite reductase gene diversity. <b>2017</b> , 19, 1189-1208	38
1108	The vegetative nitrogen response of sorghum lines containing different alleles for nitrate reductase and glutamate synthase. <b>2017</b> , 37, 1	3
1107	Effect of hypothermia on apoptosis in traumatic brain injury and hemorrhagic shock model. <b>2017</b> , 48, 2675-2682	12
1106	N-Methyl-D aspartate receptor-mediated effect on glucose transporter-3 levels of high glucose exposed-SH-SY5Y dopaminergic neurons. <b>2017</b> , 109, 465-471	7
1105	Procyanidins extracted from the litchi pericarp ameliorate atherosclerosis in ApoE knockout mice: their effects on nitric oxide bioavailability and oxidative stress. <b>2017</b> , 8, 4210-4216	18
1104	Effect of cardamonin on hepatic ischemia reperfusion induced in rats: Role of nitric oxide. <b>2017</b> , 815, 446-453	13
1103	Camel Milk Attenuates Rheumatoid Arthritis Via Inhibition of Mitogen Activated Protein Kinase Pathway. <b>2017</b> , 43, 540-552	32
1102	Antitumor and radiosensitizing synergistic effects of apigenin and cryptotanshinone against solid Ehrlich carcinoma in female mice. <b>2017</b> , 39, 1010428317728480	14
1101	Gut Permeability and Glucose Absorption Are Affected at Early Stages of Graft Rejection in a Small Bowel Transplant Rat Model. <b>2017</b> , 3, e220	6
1100	Roots-eye view: Using microdialysis and microCT to non-destructively map root nutrient depletion and accumulation zones. <b>2017</b> , 40, 3135-3142	25
1099	Vitamin D enhances antiepileptic and cognitive effects of lamotrigine in pentylenetetrazole-kindled rats. <b>2017</b> , 1673, 78-85	9
1098	Bioenhanced advanced third generation solid dispersion of tadalafil: Repurposing with improved therapy in pyelonephritis. <b>2017</b> , 12, 569-579	11
1097	Upconversion Nanoprobes for the Ratiometric Luminescent Sensing of Nitric Oxide. <b>2017</b> , 139, 12354-12357	111
1096	Kinetic analysis of a complete nitrifier reveals an oligotrophic lifestyle. <b>2017</b> , 549, 269-272	349
1095	Effects of Polysaccharides in Lycium Barbarum Berries from Different Regions of China on Macrophages Function and their Correlation to the Glycosidic Linkages. <b>2017</b> , 82, 2411-2420	15
1094	Simultaneous quantification of aqueous peroxide, nitrate, and nitrite during the plasma-liquid interactions by derivative absorption spectrophotometry. <b>2017</b> , 50, 445207	22
1093	Combined acid rain and lanthanum pollution and its potential ecological risk for nitrogen assimilation in soybean seedling roots. <b>2017</b> , 231, 524-532	21

1092	Potential protease activity and organic nitrogen concentration are rapid tests and accurate indicators of N-availability in Tasmanian <i>Eucalyptus nitens</i> plantations. <b>2017</b> , 115, 152-160	5
1091	Protective effect of the standardized extract of ginkgo biloba (EGb761) against hypertension with hypercholesterolemia-induced renal injury in rats: Insights in the underlying mechanisms. <b>2017</b> , 95, 944-955	13
1090	Effects of Sulphasalazine in Cerebral Ischemia Reperfusion Injury in Rat. <b>2017</b> , 48, 247-256	15
1089	Renoprotective effects of montelukast in an experimental model of cisplatin nephrotoxicity in rats. <b>2017</b> , 31, e21979	9
1088	Pre-treatment with melatonin decreases abamectin induced toxicity in a nocturnal insect <i>Spodoptera litura</i> (Lepidoptera: Noctuidae). <b>2017</b> , 56, 76-85	6
1087	Improving in situ recovery of soil nitrogen using the microdialysis technique. <b>2017</b> , 114, 93-103	19
1086	<i>Quillaja saponaria</i> bark saponin protects Wistar rats against ferrous sulphate-induced oxidative and inflammatory liver damage. <b>2017</b> , 55, 1972-1983	6
1085	Phytochemical Investigation, Antitumor Activity, and Hepatoprotective Effects of <i>Acrocarpus fraxinifolius</i> Leaf Extract. <b>2017</b> , 78, 210-226	5
1084	Rapid visual and spectrophotometric nitrite detection by cyclometalated ruthenium complex. <b>2017</b> , 990, 135-140	32
1083	The effects of caffeine, caffeic acid, and their combination on acetylcholinesterase, adenosine deaminase and arginase activities linked with brain function. <b>2017</b> , 41, e12401	8
1082	Nitric oxide sensing by chlorophyll a. <b>2017</b> , 985, 101-113	7
1081	DMPP is ineffective at mitigating N <sub>2</sub> O emissions from sheep urine patches in a UK grassland under summer conditions. <b>2017</b> , 246, 1-11	18
1080	Use of anabolic androgenic steroids produces greater oxidative stress responses to resistance exercise in strength-trained men. <b>2017</b> , 4, 282-286	13
1079	Evaluation of Vitamin D, Vitamin D Binding Protein Gene Polymorphism with Oxidant - Antioxidant Profiles in Chronic Obstructive Pulmonary Disease. <b>2017</b> , 36, 331-340	17
1078	Effect of silver nanoparticles upon the myocardial and coronary vascular function in isolated and perfused diabetic rat hearts. <b>2017</b> , 13, 2587-2596	10
1077	Distinct soil bacterial communities in response to the cropping system in a Mollisol of northeast China. <b>2017</b> , 119, 407-416	31
1076	Prior exposure to diurnal heating influences soil respiration and N availability upon rewetting. <b>2017</b> , 53, 715-721	4
1075	Weed control increases nitrogen retranslocation and growth of white spruce seedlings on a reclaimed oil sands soil. <b>2017</b> , 48, 699-717	3

1074	Anti-inflammatory phenylpropanoids and phenolics from <i>Ficus hirta</i> Vahl. <b>2017</b> , 121, 229-234	21
1073	Effects of over 30-year of different fertilization regimes on fungal community compositions in the black soils of northeast China. <b>2017</b> , 248, 113-122	59
1072	Synthesis and biological evaluations of new nitric oxide-anti-inflammatory drug hybrids. <b>2017</b> , 27, 4358-4369	7
1071	Evaluation of approaches to the abatement of nitrate interference with photochemical vapor generation. <b>2017</b> , 32, 2378-2390	16
1070	Naringin prevents the inhibition of intestinal Ca absorption induced by a fructose rich diet. <b>2017</b> , 636, 1-10	8
1069	Incorporating mass flow strongly promotes N flux rates in boreal forest soils. <b>2017</b> , 114, 263-269	13
1068	Hydroxylamine-induced oxidation of ferrous carbonylated truncated hemoglobins from <i>Mycobacterium tuberculosis</i> and <i>Campylobacter jejuni</i> is limited by carbon monoxide dissociation. <b>2017</b> , 22, 977-986	3
1067	Crop residues exacerbate the negative effects of extreme flooding on soil quality. <b>2017</b> , 53, 751-765	14
1066	Comparison of lime- and biochar-mediated pH changes in nitrification and ammonia oxidizers in degraded acid soil. <b>2017</b> , 53, 811-821	48
1065	Glutamate-mediated effects of caffeine and interferon- $\gamma$ on mercury-induced toxicity. <b>2017</b> , 39, 1215-1223	10
1064	Neuroprotective effects of vitamin D alone or in combination with lamotrigine against lithium-pilocarpine model of status epilepticus in rats. <b>2017</b> , 390, 977-985	5
1063	Protective effect of Holothurian intestine against indomethacin induced gastric mucosal damage in rats. <b>2017</b> , 16, 547-554	4
1062	Sodium chlorate, a herbicide and major water disinfectant byproduct, generates reactive oxygen species and induces oxidative damage in human erythrocytes. <b>2017</b> , 24, 1898-1909	16
1061	Immunomodulatory effects of <i>Bifidobacterium bifidum</i> 231 on trinitrobenzenesulfonic acid-induced ulcerative colitis in rats. <b>2017</b> , 110, 40-46	12
1060	Effect of Gestational Intake of Fisetin (3,3',4',7-Tetrahydroxyflavone) on Developmental Methyl Mercury Neurotoxicity in F Generation Rats. <b>2017</b> , 177, 297-315	7
1059	Emission and oxidation of methane in a meromictic, eutrophic and temperate lake (Dendre, Belgium). <b>2017</b> , 168, 756-764	25
1058	Competition from <i>Bromus tectorum</i> removes differences between perennial grasses in N capture and conservation strategies. <b>2017</b> , 412, 177-188	7
1057	Anti-inflammatory effect of selenium nanoparticles on the inflammation induced in irradiated rats. <b>2017</b> , 95, 101-110	50

1056	Leaves of <i>Cordia boissieri</i> A. DC. as a potential source of bioactive secondary metabolites for protection against metabolic syndrome-induced in rats. <b>2017</b> , 72, 107-118	4
1055	Uncoupling of ammonia oxidation from nitrite oxidation: Impact upon nitrous oxide production in non-cropped Oregon soils. <b>2017</b> , 104, 30-38	44
1054	Long-term administration of advanced glycation end-product stimulates the activation of NLRP3 inflammasome and sparking the development of renal injury. <b>2017</b> , 39, 68-76	34
1053	Nitric oxide (NO) stimulates steroidogenesis and folliculogenesis in fish. <b>2017</b> , 153, 133-146	12
1052	Serum nitrite and nitrate levels, NO <sub>x</sub> , can predict cardiovascular mortality in the elderly in a 3-year follow-up study. <b>2017</b> , 43, 82-89	12
1051	Sodium chlorite increases production of reactive oxygen species that impair the antioxidant system and cause morphological changes in human erythrocytes. <b>2017</b> , 32, 1343-1353	5
1050	Curcumin improves episodic memory in cadmium induced memory impairment through inhibition of acetylcholinesterase and adenosine deaminase activities in a rat model. <b>2017</b> , 32, 87-95	19
1049	Effects of l-carnitine on oxidative stress parameters in oophorectomized ratsPeer review under responsibility of Alexandria University Faculty of Medicine.View all notesAvailable online 10 August 2016View all notes. <b>2017</b> , 53, 55-60	4
1048	Vitamin E mitigates cisplatin-induced nephrotoxicity due to reversal of oxidative/nitrosative stress, suppression of inflammation and reduction of total renal platinum accumulation. <b>2017</b> , 31, 1-9	21
1047	Biochar stimulates the decomposition of simple organic matter and suppresses the decomposition of complex organic matter in a sandy loam soil. <b>2017</b> , 9, 1110-1121	35
1046	Octreotide ameliorates inflammation and apoptosis in acute and kindled murine PTZ paradigms. <b>2017</b> , 390, 61-68	3
1045	Regulation of nitrogen and phosphorus absorption by plasma membrane H <sup>+</sup> -ATPase in rice roots under simulated acid rain. <b>2017</b> , 14, 101-112	15
1044	Thymoquinone mitigate ischemia-reperfusion-induced liver injury in rats: a pivotal role of nitric oxide signaling pathway. <b>2017</b> , 390, 69-76	22
1043	Characterization of particulate-phase polycyclic aromatic hydrocarbons emitted from incense burning and their bioreactivity in RAW264.7 macrophage. <b>2017</b> , 220, 1190-1198	13
1042	Reduction of nitrate by NaY zeolite supported Fe, Cu/Fe and Mn/Fe nanoparticles. <b>2017</b> , 324, 605-616	62
1041	Diosmin attenuates radiation-induced hepatic fibrosis by boosting PPAR- $\alpha$ expression and hampering miR-17-5p-activated canonical Wnt- $\beta$ catenin signaling. <b>2017</b> , 95, 400-414	28
1040	Warming of subarctic tundra increases emissions of all three important greenhouse gases - carbon dioxide, methane, and nitrous oxide. <b>2017</b> , 23, 3121-3138	120
1039	Resveratrol attenuates reproductive alterations in type 1 diabetes-induced rats. <b>2017</b> , 98, 312-328	14

1038	Potential allelopathic effect of <i>Brachiaria decumbens</i> root exudates on neotropical tree seedlings. <b>2017</b> , 29, 177-186	2
1037	Effectiveness of bis(phenylimidazoselenazolyl) diselenide on a mouse model of inflammatory nociception. <b>2017</b> , 96, 56-63	3
1036	Fabrication of free-standing reduced graphene oxide composite papers doped with different dyes and comparison of their electrochemical performance for electrocatalytic oxidation of nitrite. <b>2017</b> , 258, 1376-1386	17
1035	Long-range wireless technologies for IoT applications: A review. <b>2017</b> ,	23
1034	Effect of dual growth factor administration on oxidative markers during acute stage wound healing in rats. <b>2017</b> , 41, 841-847	3
1033	GASTRIC ANTIULCER AND ULCER HEALING EFFECTS OF PUNICA GRANATUM L. PEEL EXTRACT IN RATS: ROLE OF OFFENSIVE AND DEFENSIVE MUCOSAL FACTORS AND OXIDATIVE STRESS. <b>2017</b> , 9, 6	1
1032	Evaluation of inflammatory cytokines and oxidative stress markers in prostate cancer patients undergoing curative radiotherapy. <b>2017</b> , 42, 68-72	7
1031	Soil water content during and after plant growth influence nutrient availability and microbial biomass. <b>2017</b> , 17, 702-715	15
1030	Differential Effects of Coarse Woody Debris on Microbial and Soil Properties in <i>Pinus densiflora</i> Sieb. et Zucc. Forests. <b>2017</b> , 8, 292	8
1029	Plant Phylogeny and Life History Shape Rhizosphere Bacterial Microbiome of Summer Annuals in an Agricultural Field. <b>2017</b> , 8, 2414	31
1028	Antihypertensive Effects of Roselle-Olive Combination in L-NAME-Induced Hypertensive Rats. <b>2017</b> , 2017, 9460653	33
1027	Therapeutic Effect of Resveratrol on Morphine-Induced Damage in Male Reproductive System of Mice by Reducing Nitric Oxide Serum Level. <b>2017</b> , 35, 1342-1347	12
1026	Plant and microbial-induced changes in P pools in soil amended with straw and inorganic P. <b>2017</b> , 17, 1088-1101	7
1025	Level of inflammatory cytokines in rheumatoid arthritis patients: Correlation with 25-hydroxy vitamin D and reactive oxygen species. <b>2017</b> , 12, e0178879	60
1024	Aerobic exercise protects against pressure overload-induced cardiac dysfunction and hypertrophy via $\beta$ -AR-nNOS-NO activation. <b>2017</b> , 12, e0179648	10
1023	Short-term carbon input increases microbial nitrogen demand, but not microbial nitrogen mining, in a set of boreal forest soils. <b>2017</b> , 136, 261-278	14
1022	Role of antioxidant treatment on DNA and lipid damage in the brain of rats subjected to a chemically induced chronic model of tyrosinemia type II. <b>2017</b> , 435, 207-214	8
1021	UVâis Absorption and Chemiluminescence Techniques. <b>2017</b> , 203-251	1

1020	Effects of whole blood viscosity and plasma NOx on cardiac function and cerebral blood flow in children with chronic kidney disease. <b>2017</b> , 47, 1482-1491	4
1019	Preventive effect of on N-methyl-N-nitrosourea-(NMU) induced gastric cancer in rats. <b>2017</b> , 10, 327-332	8
1018	Therapeutic effects of lornoxicam-loaded nanomicellar formula in experimental models of rheumatoid arthritis. <b>2017</b> , 12, 7015-7023	17
1017	Inhibitory effects of mouse bone marrow mesenchymal stem cell soup on staurosporine-induced cell death in MCF-7 and AGS. <b>2017</b> , 118, 34-43	1
1016	Oxidative effects of extremely low frequency magnetic field and radio frequency radiation on testes tissues of diabetic and healthy rats. <b>2017</b> , 118, 278-282	4
1015	GC-MS-based Metabolomic Profiling of Thymoquinone in Streptozotocin-induced Diabetic Nephropathy in Rats. <b>2017</b> , 12, 1934578X1701200	4
1014	Serum nitrate and nitrite are associated with the prevalence of various chronic diseases except cancer. <b>2017</b> , 36, 160-166	7
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1002	Increase in perfused boundary region of endothelial glycocalyx is associated with higher prevalence of ischemic heart disease and lesions of microcirculation and vascular wall. <b>2018</b> , 25, e12454	14
1001	Gastrodin microinjection suppresses 6-OHDA-induced motor impairments in parkinsonian rats: insights into oxidative balance and microglial activation in SNc. <b>2018</b> , 26, 1305-1316	13
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838	Characterization of the First " Nitrotoga" Isolate Reveals Metabolic Versatility and Separate Evolution of Widespread Nitrite-Oxidizing Bacteria. <b>2018</b> , 9,	58
837	Chemopreventive effect of sulindac in combination with epigallocatechin gallate or kaempferol against 1,2-dimethyl hydrazine-induced preneoplastic lesions in rats: A Comparative Study. <b>2018</b> , 32, e22198	4
836	Ammonia Monooxygenase-Mediated Cometary Biotransformation and Hydroxylamine-Mediated Abiotic Transformation of Micropollutants in an AOB/NOB Coculture. <b>2018</b> , 52, 9196-9205	36
835	Sheep urine patch N <sub>2</sub> O emissions are lower from extensively-managed than intensively-managed grasslands. <b>2018</b> , 265, 264-274	18
834	Physiological and Phylogenetic Characterization of DSBCA06, a Nitrophilous Yeast. <b>2018</b> , 7,	3
833	Acute responses of hemodynamic and oxidative stress parameters to aerobic exercise with blood flow restriction in hypertensive elderly women. <b>2018</b> , 45, 1099-1109	17
832	3,4-Dihydroxybenzaldehyde lowers ROS generation and protects human red blood cells from arsenic(III) induced oxidative damage. <b>2018</b> , 33, 861	12
831	Acute effects of strength exercise with blood flow restriction on vascular function of young healthy males. <b>2018</b> , 17, 122-127	4
830	Effects of long-term oral nitrate administration on adiposity in normal adult female rats. <b>2018</b> , 210, 76-85	9
829	Sorbents can tailor nitrogen release from organic wastes to match the uptake capacity of crops. <b>2018</b> , 645, 1474-1483	8
828	Effect of Different Anthocyanidin Glucosides on Lutein Uptake by Caco-2 Cells, and Their Combined Activities on Anti-Oxidation and Anti-Inflammation In Vitro and Ex Vivo. <b>2018</b> , 23,	12
827	Soil phosphorus pools in the detritusphere of plant residues with different C/P ratio—Influence of drying and rewetting. <b>2018</b> , 54, 841-852	14
826	The forms of nitrogen source influence the interaction between <i>Elymus nutans</i> Griseb. and arbuscular mycorrhizal fungi. <b>2018</b> , 119, 37-44	1
825	Methylmercury exposure develops atherosclerotic risk factors in the aorta and programmed cell death in the cerebellum: ameliorative action of <i>Celastrus paniculatus</i> ethanolic extract in male Wistar rats. <b>2018</b> , 25, 30212-30223	2
824	Melatonin improves hyperglycemia induced damages in rat brain. <b>2018</b> , 34, e3060	10
823	Rhizobacterial community structure in response to nitrogen addition varied between two Mollisols differing in soil organic carbon. <b>2018</b> , 8, 12280	2

822	Heat shock protein 47 as indispensable participant in liver fibrosis: Possible protective effect of lactoferrin. <b>2018</b> , 70, 795-805	11
821	Minor effects of herbicides on microbial activity in agricultural soils are detected by N-transformation but not enzyme activity assays. <b>2018</b> , 87, 72-79	6
820	Use of an Exogenous Nitric Oxide Generator for Treatment of Peritonitis. <b>2018</b> , 52, 64-67	4
819	Effect of exogenous abscisic acid on morphology, growth and nutrient uptake of rice ( <i>Oryza sativa</i> ) roots under simulated acid rain stress. <b>2018</b> , 248, 647-659	22
818	Randomized clinical trial of a mucoadhesive formulation containing curcuminoids (Zingiberaceae) and <i>Bidens pilosa</i> Linn (Asteraceae) extract (FITOPROT) for prevention and treatment of oral mucositis - phase I study. <b>2018</b> , 291, 228-236	19
817	Does nicotine impact tramadol abuse? Insights from neurochemical and neurobehavioral changes in mice. <b>2018</b> , 67, 245-258	6
816	Nitrate measurement in droplet flow: gas-mediated crosstalk and correction. <b>2018</b> , 18, 1903-1913	14
815	Indirect ultra-trace determination of nitrate and nitrite in food samples by in-syringe liquid microextraction and electrothermal atomic absorption spectrometry. <b>2018</b> , 142, 135-139	13
814	Increases in placental nitric oxide, but not nitric oxide-mediated relaxation, underlie the improvement in placental efficiency and antihypertensive effects of hydrogen sulphide donor in hypertensive pregnancy. <b>2018</b> , 45, 1118-1127	7
813	Modulation of brain ACE and ACE2 may be a promising protective strategy against cerebral ischemia/reperfusion injury: an experimental trial in rats. <b>2018</b> , 391, 1003-1020	22
812	A modified pectic polysaccharide from turmeric ( <i>Curcuma longa</i> ) with antiulcer effects via anti-secretory, mucoprotective and IL-10 mediated anti-inflammatory mechanisms. <b>2018</b> , 118, 864-880	13
811	Direct actions of adiponectin on changes in reproductive, metabolic, and anti-oxidative enzymes status in the testis of adult mice. <b>2019</b> , 279, 1-11	11
810	Nitrates. <b>2019</b> , 196-201	
809	Tempol, a superoxide dismutase mimetic agent, reduces cisplatin-induced nephrotoxicity in rats. <b>2019</b> , 42, 657-664	16
808	A review on spectroscopic methods for determination of nitrite and nitrate in environmental samples. <b>2019</b> , 191, 364-381	92
807	Effects of $\alpha$ -lipoic acid on noise induced oxidative stress in rats. <b>2019</b> , 26, 989-994	5
806	Regulation of apoptotic and inflammatory signaling pathways in hepatocellular carcinoma via <i>Caesalpinia gilliesii</i> galactomannan. <b>2019</b> , 451, 173-184	8
805	Nitrogen fixation and foliar nitrogen do not predict phosphorus acquisition strategies in tropical trees. <b>2019</b> , 107, 118-126	8

804	Influence of mulch C/N ratio and decomposition stage on plant N uptake and N availability in soil with or without wheat straw. <b>2019</b> , 182, 879-887	3
803	Mitochondrial bioenergetics links inflammation and cardiac contractility in endotoxemia. <b>2019</b> , 114, 38	16
802	Protective effect of Myrtle ( <i>Myrtus communis</i> ) on burn induced skin injury. <b>2019</b> , 45, 1856-1863	6
801	The Effects of Beetroot Juice on Blood Pressure, Microvascular Function and Large-Vessel Endothelial Function: A Randomized, Double-Blind, Placebo-Controlled Pilot Study in Healthy Older Adults. <b>2019</b> , 11,	12
800	Microbial uptake kinetics of dissolved organic carbon (DOC) compound groups from river water and sediments. <b>2019</b> , 9, 11229	18
799	Biological activities, isolated compounds and HPLC profile of. <b>2019</b> , 57, 485-497	12
798	Vermicompost Influences Soil P Pools and Available N—Effect of Placement and Combination with Inorganic Fertiliser. <b>2019</b> , 19, 900-905	3
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727	Mechanism underlying nephroprotective property of curcumin against sodium nitrite-induced nephrotoxicity in male Wistar rat. <b>2021</b> , 45, e13341	0	
726	Post-thinning Responses of Microbial Substrate Utilization in Temperate Japanese Larch Forests. <b>2021</b> , 40, 332-345	0	
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719	Local and regional variation in effects of burrowing crabs on plant community structure. <b>2021</b> , 102, e03244	2	
718	Microplastic pollution alters forest soil microbiome. <b>2021</b> , 409, 124606	34	
717	Aerobic or resistance training improves autonomic control of circulation in oophorectomized rats with cardiometabolic dysfunctions: Impact on renal oxidative stress. <b>2021</b> , 145, 111181		
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714	Addition of propolis to milk improves lactating lamb's growth: Effect on antimicrobial, antioxidant and immune responses in animals. <b>2021</b> , 194, 106265	3
713	Anti-oxidant and hepatoprotective effects of <i>Salvia officinalis</i> essential oil against vanadium-induced oxidative stress and histological changes in the rat liver. <b>2021</b> , 28, 11001-11015	1
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711	Genomic and kinetic analysis of novel Nitrospinae enriched by cell sorting. <b>2021</b> , 15, 732-745	8
710	Metformin protects against diabetes-induced heart injury and dunning prostate cancer model. <b>2021</b> , 40, 297-309	2
709	Interactions between nitrogen availability, bacterial communities, and nematode indicators of soil food web function in response to organic amendments. <b>2021</b> , 157, 103767	6
708	Hepatoprotective effect of Omega-3 PUFAs against acute paracetamol-induced hepatic injury confirmed by FTIR. <b>2021</b> , 40, 526-537	4
707	Higher biochar rate strongly reduced decomposition of soil organic matter to enhance C and N sequestration in nutrient-poor alkaline calcareous soil. <b>2021</b> , 21, 148-162	13
706	Protective Effects of Betanin against Oxidative Stress in a Peripheral Artery Vasospasm Model in Rat. <b>2021</b> , 34, 208-213	6
705	Some Aspects of Role of Nitric Oxide in the Mechanisms of Hypertension (Experimental Study). <b>2021</b> , 12, 16-24	2
704	Early growing season immobilisation affects post-tillering wheat nitrogen uptake from crop stubble and 15N fertiliser in a sandy soil. <b>2021</b> , 59, 239	0
703	Synthesis, Molecular Docking, Biological Potentials and Structure Activity Relationship of New Quinazoline and Quinazoline-4-one Derivatives. <b>2021</b> , 33, 423-438	3
702	Genome streamlining, proteorhodopsin, and organic nitrogen metabolism in freshwater nitrifiers.	0
701	Emerging technologies for autonomous in-situ monitoring of water quality. <b>2021</b> , 19-55	
700	Arbuscular Mycorrhizal Community in Roots and Nitrogen Uptake Patterns of Understory Trees Beneath Ectomycorrhizal and Non-ectomycorrhizal Overstory Trees. <b>2020</b> , 11, 583585	2
699	The possible occurrence of iron-dependent anaerobic methane oxidation in an Archean Ocean analogue. <b>2021</b> , 11, 1597	1
698	Diets supplemented with raw and roasted pumpkin ( <i>Cucurbita pepo</i> L) seeds improved some biochemical parameters associated with erectile function in rats. <b>2021</b> , 45, e13629	2
697	Recent Advancement of Interdigital Sensor for Nitrate Monitoring in Water. <b>2021</b> , 311-328	



696	Metformin alleviates inflammation in oxazolone induced ulcerative colitis in rats: plausible role of sphingosine kinase 1/sphingosine 1 phosphate signaling pathway. <b>2021</b> , 43, 192-202	5
695	A generator of peroxyxynitrite activatable with red light. <b>2021</b> , 12, 4740-4746	1
694	Mechanism of Anti-Angiogenic and Renal Protective Activity of Balanites aegyptiaca Seeds Extract in Ehrlich Ascites Carcinoma-Bearing Mice. <b>2021</b> , 20, 46-54	
693	Canola straw biochars produced under different pyrolysis temperatures and nitrapyrin independently affected cropland soil nitrous oxide emissions. <b>2021</b> , 57, 319-328	3
692	Soil, senescence and exudate utilisation: Characterisation of the Paragon var. spring bread wheat root microbiome.	
691	Hydroxynitrile Glucosides: Bioactive Constituent Recovery from the Oil Residue of. <b>2021</b> , 69, 2438-2443	2
690	Greenhouse Gas Emissions from Forest Soils Reduced by Straw Biochar and Nitrapyrin Applications. <b>2021</b> , 10, 189	2
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688	Relative efficacy and stability of biological and synthetic nitrification inhibitors in a highly nitrifying soil: Evidence of apparent nitrification inhibition by linoleic acid and linolenic acid.	5
687	Anaerobic oxidation of methane in sediments of a nitrate-rich, oligo-mesotrophic boreal lake.	1
686	Effect of Manure from Cattle Fed 3-Nitrooxypropanol on Anthropogenic Greenhouse Gas Emissions Depends on Soil Type. <b>2021</b> , 11, 371	2
685	Enhancement of Nitrous Oxide Emissions in Soil Microbial Consortia via Copper Competition between Proteobacterial Methanotrophs and Denitrifiers. <b>2021</b> , 87, e0230120	5
684	Keystone Perennial Grassland Species Control Soil Nitrogen Flows. <b>2021</b> , 24, 1500-1515	1
683	Interplay of Biochemical, Genetic, and Immunohistochemical Factors in the Etio-Pathogenesis of Gastric Ulcer in Rats: A Comparative Study of the Effect of Pomegranate Loaded Nanoparticles Versus Pomegranate Peel Extract. <b>2021</b> , 12, 649462	4
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681	Modulation of the Nitric Oxide/BH4 Pathway Protects Against Irradiation-Induced Neuronal Damage. <b>2021</b> , 46, 1641-1658	2
680	Ferulic acid ameliorates the progression of pulmonary fibrosis via inhibition of TGF- $\beta$ /Smad signalling. <b>2021</b> , 149, 111980	8
679	Does Short-Term and Low-Dose N-Acetylcysteine Affect Oxidative Stress and Inflammation in The Liver Tissues of Diabetic Rats?. <b>2021</b> , 23, 568-574	1

678	Genotoxic and oxidative effect of duloxetine on mouse brain and liver tissues. <b>2021</b> , 11, 6897	2
677	Seasonal Variations of the Nutritive Value and Phytotherapeutic Potential of <i>L. (Pohl.)</i> Targeting Ruminant's Production. <b>2021</b> , 10,	2
676	Survival strategies of ammonia-oxidizing archaea (AOA) in a full-scale WWTP treating mixed landfill leachate containing copper ions and operating at low-intensity of aeration. <b>2021</b> , 191, 116798	14
675	Combining Electrocatalysts and Biobased Adsorbents for Sustainable Denitrification. <b>2021</b> , 9, 3658-3667	2
674	Dozda N-Asetilsistein Uygulamas- Diyabetik Yara ĞileĞhesini H-zland-r-r m-?	
673	Effects of Canada Goldenrod Invasion on Soil Extracellular Enzyme Activities and Coenzymatic Stoichiometry. <b>2021</b> , 13, 3768	4
672	Effect of dapagliflozin and/or L-arginine on solid tumor model in mice: The interaction between nitric oxide, transforming growth factor-beta 1, autophagy, and apoptosis. <b>2021</b> , 35, 968-978	2
671	Nitrate and nitrite as mixed source of nitrogen for <i>Chlorella vulgaris</i> : fast nitrogen quantification using spectrophotometer and machine learning. <b>2021</b> , 33, 1389-1397	2
670	Ammonia-oxidizing archaea possess a wide range of cellular ammonia affinities.	3
669	Lansoprazole a Proton Pump Inhibitor Prevents IBD by Reduction of Oxidative Stress and NO Levels in the Rat. <b>2021</b> , 71, 379-387	2
668	Acute hypobaric hypoxia and cardiac energetic response in prepubertal rats: Role of nitric oxide. <b>2021</b> , 106, 1235-1248	0
667	Frequency Versus Quantity: Phenotypic Response of Two Wheat Varieties to Water and Nitrogen Variability. <b>2021</b> , 21, 1631-1641	
666	Assessment the effects of insulin on adiponectin, nitric oxide, myeloperoxidase and lipid profile in type 1 diabetic patients. <b>2021</b> , 68, 313-319	3
665	Resveratrol impacts in oxidative stress in liver during <i>Trypanosoma cruzi</i> infection. <b>2021</b> , 153, 104800	6
664	Amyloid-Ğ differentially stimulates proliferation, activation of oxidative stress and inflammatory responses in male and female hippocampal astrocyte cultures. <b>2021</b> , 195, 111462	1
663	HPLC-ESI/MS profiling, phytoconstituent isolation and evaluation of renal function, oxidative stress and inflammation in gentamicin-induced nephrotoxicity in rats of <i>Ficus spragueana</i> Mildbr. & Burret. <b>2021</b> , 35, e5135	1
662	Melatonin Ameliorates LPS-Induced Testicular Nitro-oxidative Stress (iNOS/TNF-Ğ) and Inflammation (NF-kB/COX-2) via Modulation of SIRT-1. <b>2021</b> , 28, 3417-3430	2
661	Mangosteen Hinders Gamma Radiation-Mediated Oxidative Stress and Liver Injury by Down-Regulating TNF-Ğ/NF-ĞB and Pro-Fibrotic Factor TGF-ĞĞ Inducing Inflammatory Signaling. <b>2021</b> , 19, 15593258211025190	2

660	Nickel nanoparticles incorporated Co, N co-doped carbon polyhedron derived from core-shell ZIF-8@ZIF-67 for electrochemical sensing of nitrite. <b>2021</b> , 887, 115163	2
659	Modulatory effect of cashew ( <i>Anacardium occidentale</i> L.) nut supplemented diet on fertility activity of clomiphene citrate in male rats. <b>2021</b> , 44, 190-200	1
658	Olive leaf extract supplementation improves the vascular and metabolic alterations associated with aging in Wistar rats. <b>2021</b> , 11, 8188	2
657	Thymoquinone Lowers Blood Glucose and Reduces Oxidative Stress in a Rat Model of Diabetes. <b>2021</b> , 26,	5
656	Nitrogen Dynamics: Quantifying and Differentiating Fluxes in a Riparian Wetland Soil. <b>2021</b> , 5, 1254-1264	1
655	Inhibition of oxidative stress and apoptosis by camel milk mitigates cyclosporine-induced nephrotoxicity: Targeting Nrf2/HO-1 and AKT/eNOS/NO pathways. <b>2021</b> , 9, 3177-3190	1
654	Assessment of total (anti)oxidant status in goat kids. <b>2021</b> , 64, 139-146	1
653	Enrichment of organic compost with beneficial microorganisms and yield performance of corn and wheat. <b>2021</b> , 25, 332-339	
652	Fig leaves varieties reduce blood pressure in hypertensive rats through modulation of antioxidant status and activities of arginase and angiotensin-1 converting enzyme. <b>2021</b> , 30, 503-513	0
651	Comparison of N uptake of maize inoculated with two diazotrophic bacterial species grown under two N levels. 1-17	0
650	Proline osmopriming improves the root architecture, nitrogen content and growth of rice seedlings. <b>2021</b> , 33, 101998	2
649	Different Pharmacokinetic Responses to an Acute Dose of Inorganic Nitrate in Patients with Type 2 Diabetes. <b>2021</b> , 21, 878-886	3
648	Differential responses of soil nitrogen-oxide emissions to organic substitution for synthetic fertilizer and biochar amendment in a subtropical tea plantation. <b>2021</b> , 13, 1260-1274	6
647	Nutritional and Sensory Quality of Two Types of Cress Microgreens Depending on the Mineral Nutrition. <b>2021</b> , 11, 1110	3
646	Determination of Nitrate in Natural Waters by Vanadium Reduction and the Griess Assay: Reassessment and Optimization. <b>2021</b> , 1, 1524-1532	2
645	Rewetting Intensity Influences Soil Respiration and Nitrogen Availability. <b>2021</b> , 21, 2137-2144	1
644	Volatile organic compounds (VOCs) allow sensitive differentiation of biological soil quality. <b>2021</b> , 156, 108187	7
643	Biotransformation of lincomycin and fluoroquinolone antibiotics by the ammonia oxidizers AOA, AOB and comammox: A comparison of removal, pathways, and mechanisms. <b>2021</b> , 196, 117003	11

642	Stilbenes at Low Micromolar Concentrations Mitigate the NO, TNF- $\alpha$ , IL-1 $\beta$ and ROS Production in LPS-Stimulated Murine Macrophages. <b>2021</b> , 11, 212-222	1
641	Phaseolin, a Protein from the Seed of , Has Antioxidant, Antigenotoxic, and Chemopreventive Properties. <b>2021</b> , 13,	1
640	Land use intensification destabilizes stream microbial biodiversity and decreases metabolic efficiency. <b>2021</b> , 767, 145440	2
639	Humic acids induce a eustress state via photosynthesis and nitrogen metabolism leading to a root growth improvement in rice plants. <b>2021</b> , 162, 171-184	6
638	Investigation of the impacts of zamzam water on streptozotocin-induced diabetic nephropathy in rats. In-vivo and in-vitro study. <b>2021</b> , 138, 111474	1
637	Analysis of plasma activated water by gliding arc at atmospheric pressure: Effect of the chemical composition of water on the activation. <b>2021</b> , 129, 233301	3
636	Carvacrol hinders the progression of hepatic fibrosis via targeting autotaxin and thioredoxin in thioacetamide-induced liver fibrosis in rat. <b>2021</b> , 40, 2188-2201	1
635	Effect of l-carnitine on cardiotoxicity and apoptosis induced by imatinib through PDGF/ PPAR $\alpha$ /MAPK pathways. <b>2021</b> , 704, 108866	4
634	Hepatoprotective effect of Saccharomyces Cervisiae Cell Wall Extract against thioacetamide-induced liver fibrosis in rats. <b>2021</b> , 7, e07159	3
633	Nitrogen use plasticity in response to light intensity in neotropical tree species of distinct functional groups. <b>2021</b> , 172, 2226-2237	0
632	Vitamin D Supplementation: Oxidative Stress Modulation in a Mouse Model of Ovalbumin-Induced Acute Asthmatic Airway Inflammation. <b>2021</b> , 22,	1
631	Hawatides A $\alpha$ , new polyketides from the deep-sea-derived fungus Paraconiothyrium hawaiiense FS482. <b>2021</b> , 132303	2
630	In-situ measurement of the effect of canopy tree fine roots on nitrogen availability in forest soil. <b>2021</b> , 18, 100324	1
629	The positive effect of black seed (Nigella sativa L.) essential oil on thyroid hormones in rats with hypothyroidism and hyperthyroidism. <b>2021</b> , e13801	
628	Investigation of possible neuroprotective effects of some plant extracts on brain in bile duct ligated rats. <b>2021</b> , 45, e13835	
627	On-site detection of nitrate plus nitrite in natural water samples using smartphone-based detection. <b>2021</b> , 165, 106117	6
626	Quinazoline-4-one Derivatives as a Promising cytokine inhibitors: Synthesis, Molecular Docking, and Structure-Activity Relationship. <b>2021</b> ,	1
625	Heat Shock Causes Lower Infection Rates in. <b>2021</b> , 12, 584660	

624	Soil, senescence and exudate utilisation: characterisation of the Paragon var. spring bread wheat root microbiome. <b>2021</b> , 16, 12	7
623	Effects of Long-Term Freeze-Thaw Cycles on the Properties of Stabilized/Solidified Lead-Zinc-Cadmium Composite-Contaminated Soil. <b>2021</b> , 18,	1
622	Effects of Ganoderma lucidum Polysaccharides on Different Pathways Involved in the Development of Spinal Cord Ischemia Reperfusion Injury: Biochemical, Histopathologic, and Ultrastructural Analysis in a Rat Model. <b>2021</b> , 150, e287-e297	3
621	Optimising storage conditions and processing of sheep urine for nitrogen cycle and gaseous emission measurements from urine patches. <b>2021</b> , 11, 12116	1
620	Temporal soil enzyme patterns provide new insights into the nutrient economy of acidic hardwood forests. <b>2021</b> , 155, 97-112	0
619	Caprylic acid ameliorates rotenone induced inflammation and oxidative stress in the gut-brain axis in Zebrafish. <b>2021</b> , 48, 5259-5273	5
618	Dabigatran mitigates cisplatin-mediated nephrotoxicity through down regulation of thrombin pathway. <b>2021</b> , 31, 127-136	3
617	Addition of Olive Leaf Extract to a Mixture of Algae and Extra Virgin Olive Oils Decreases Fatty Acid Oxidation and Synergically Attenuates Age-Induced Hypertension, Sarcopenia and Insulin Resistance in Rats. <b>2021</b> , 10,	2
616	Influence of Angiotensin Converting Enzyme I/D Polymorphism on Hemodynamic and Antioxidant Response to Long-Term Intradialytic Resistance Training in Patients With Chronic Kidney Disease: A Randomized Controlled Trial. <b>2021</b> , 35, 2902-2909	
615	Chlorogenic acid, quercetin, coenzyme Q10 and silymarin modulate Keap1-Nrf2/heme oxygenase-1 signaling in thioacetamide-induced acute liver toxicity. <b>2021</b> , 277, 119460	5
614	Whole body hypoxic preconditioning-mediated multiorgan protection in db/db mice nitric oxide-BDNF-GSK-3 $\beta$ -Nrf2 signaling pathway. <b>2021</b> , 25, 281-296	0
613	The protective effect of protocatechuic acid on hepatotoxicity induced by cisplatin in mice. <b>2021</b> , 277, 119485	11
612	Assessment of sexual behavior and neuromodulation of Cyperus esculentus L. and Tetracarpidium conophorum M.L. Arg dietary supplementation regulating the purinergic system in the cerebral cortex of L-NAME-challenged rats. <b>2021</b> , 45, e13862	
611	Benfluorex, Friends or Foe? The Effects of Benfluorex on Oxidative Status in the Brain During Experimental Diabetes.	
610	Lippia javanica (Zumbani) herbal tea infusion attenuates allergic airway inflammation via inhibition of Th2 cell activation and suppression of oxidative stress. <b>2021</b> , 21, 192	4
609	High-Throughput Griess Assay of Nitrite and Nitrate in Plasma and Red Blood Cells for Human Physiology Studies under Extreme Conditions. <b>2021</b> , 26,	0
608	Effects of Venlafaxine, Risperidone and Febuxostat on Cuprizone-Induced Demyelination, Behavioral Deficits and Oxidative Stress. <b>2021</b> , 22,	3
607	Validation of colorimetric assays for hydrogen peroxide, nitrate and nitrite ions in complex plasma-treated water solutions. <b>2021</b> , 18, 2100062	1

606	Methods for diagnosing endothelial dysfunction. <b>2021</b> , 20, 202-209	
605	Pronounced anti-neuroinflammatory jasmonates and terpenes isolated from lychee seeds. <b>2021</b> , 152, 104924	1
604	MP-SeNPs; A Promising Cytokines Suppressor in Benzo[a]pyrene-Induced Mammal Tissue Injury in Rats. <b>2021</b> , 24, 895-904	
603	Quercetin enhances sexual behavior and improves ectonucleotidases activity in the hypothalamus of rats treated with cyclosporine. <b>2021</b> , 45, e13864	1
602	Priming mechanisms providing plants and microbes access to mineral-associated organic matter. <b>2021</b> , 158, 108265	6
601	Ammonia-oxidizing archaea possess a wide range of cellular ammonia affinities. <b>2021</b> ,	15
600	Activation of 5-HT 1b/d receptor restores the cognitive function by reducing glutamate release, deposition of $\beta$ -amyloid and TLR-4 pathway in the brain of scopolamine-induced dementia in rat. <b>2021</b> , 73, 1592-1598	0
599	Energy management and mitochondrial dynamics in cerebral cortex during endotoxemia. <b>2021</b> , 705, 108900	2
598	The effects of edaravone, a free-radical scavenger in lung injury induced by valproic acid demonstrated via different biochemical parameters. <b>2021</b> , 35, e22847	2
597	Monitoring SARS-CoV-2 in municipal wastewater to evaluate the success of lockdown measures for controlling COVID-19 in the UK. <b>2021</b> , 200, 117214	38
596	Blood glucose lowering and effect of oyster ( <i>Pleurotus ostreatus</i> )- and shiitake ( <i>Lentinus subnudus</i> )-supplemented diet on key enzymes linked diabetes and hypertension in streptozotocin-induced diabetic in rats.	2
595	Effects of Clinoptilolite Zeolite and Vermiculite on Nitrification and Nitrogen and Phosphorus Acquiring Enzymes in a Nitrogen Applied Agricultural Soil. <b>2021</b> , 21, 2791	3
594	Oxidative Stress and Neuronal Injury After Cannabis and Ketamine Administration. <b>2021</b> , 18, 126-135	2
593	Organic Wastes Amended with Sorbents Reduce N <sub>2</sub> O Emissions from Sugarcane Cropping. <b>2021</b> , 8, 78	1
592	Physiology of the Nitrite-Oxidizing Bacterium <i>Nitrotoga</i> sp. CP45 Enriched From a Colorado River. <b>2021</b> , 12, 709371	
591	Influence of Recycled Waste Compost on Soil Food Webs, Nutrient Cycling and Tree Growth in a Young Almond Orchard. <b>2021</b> , 11, 1745	0
590	In-silico and in-vivo evaluation of sesamol and its derivatives for benign prostatic hypertrophy. <b>2021</b> , 11, 411	
589	Therapeutic efficacy of rifaximin loaded tamarind gum polysaccharide nanoparticles in TNBS induced IBD model Wistar rats. <b>2021</b> , 26, 712-729	1

588	Morphine attenuates neurotoxic effects of MPTP in zebrafish embryos by regulating oxidant/antioxidant balance and acetylcholinesterase activity. <b>2021</b> , 1-9	3
587	Biochemical, pathological and ultrastructural investigation of whether lamotrigine has neuroprotective efficacy against spinal cord ischemia reperfusion injury. <b>2021</b> , 52, 2803-2812	1
586	The effect of vitamin c on oxidant and antioxidant parameters in anthrax vaccine administered cattle.	
585	The potential relationship between gasotransmitters and oxidative stress, inflammation and apoptosis in lead-induced hepatotoxicity in rats. <b>2021</b> , 71, 101511	1
584	Gel models to assess distribution and diffusion of reactive species from cold atmospheric plasma: an overview for plasma medicine applications. <b>2021</b> , 54, 463001	2
583	Hesperidin mitigates inflammation and modulates ectoenzymes activity and some cellular processes in complete Freund's adjuvant-induced arthritic rats. <b>2021</b> , 73, 1547-1561	1
582	Flavocoxid halts both intestinal and extraintestinal alterations in acetic acid-induced colitis in rats. <b>2021</b> , 1	1
581	Accelerated lipid peroxidation in a rat model of gentamicin nephrotoxicity. <b>2021</b> , 22, 1218	1
580	Protective effects of propolis extract against nicotine-evoked pulmonary and hepatic damage. <b>2021</b> , 1	1
579	Relationship between 25 Hydroxyvitamin D, Overweight/Obesity Status, Pro-Inflammatory and Oxidative Stress Markers in Patients with Type 2 Diabetes: A Simplified Empirical Path Model. <b>2021</b> , 13,	3
578	Does inoculation with associative bacteria improve tolerance to nitrogen deficiency in seedlings of Neotropical tree species?. <b>2021</b> , 189, 104529	1
577	Evaluation of plasma-activated water (PAW) as a novel disinfectant: Effectiveness on Escherichia coli and Listeria innocua, physicochemical properties, and storage stability. <b>2021</b> , 149, 111847	4
576	Kefir modulates gut microbiota and reduces DMH-associated colorectal cancer via regulation of intestinal inflammation in adulthood offsprings programmed by neonatal overfeeding.. <b>2022</b> , 152, 110708	1
575	Slow Release Brown Coal-Urea Fertilizer Potentially Influences Greenhouse Gas Emissions, Nitrogen Use Efficiency, and Sweet Corn Yield in Oxisol.	0
574	Use of metabolomics to quantify changes in soil microbial function in response to fertiliser nitrogen supply and extreme drought. <b>2021</b> , 160, 108351	3
573	Organic nitrogen enhances nitrogen nutrition and early growth of Pinus sylvestris seedlings. <b>2021</b> ,	1
572	Greater nitrous and nitric oxide emissions from the soil between rows than under the canopy in subtropical tea plantations. <b>2021</b> , 398, 115105	4
571	Shifts in Soil Structure, Biological, and Functional Diversity Under Long-Term Carbon Deprivation. <b>2021</b> , 12, 735022	1



570	Evaluating the protective role of Deglycyrrhizinated licorice root supplement on bleomycin induced pulmonary oxidative damage. <b>2021</b> , 1-14	1
569	Dependence of thermal desorption method for profiling volatile organic compound (VOC) emissions from soil. <b>2021</b> , 160, 108313	2
568	Fire frequency impacts soil properties and processes in sagebrush steppe ecosystems of the Columbia Basin. <b>2021</b> , 165, 103967	4
567	The content of gas transmitters in umbilical cord blood and blood of newborns born to mothers with preeclampsia. <b>2021</b> , 66, 53-57	
566	Diet Supplemented with <i>Chrysophyllum albidum</i> G. Don (Sapotaceae) Fruit Pulp Improves Reproductive Function in Hypertensive Male Rats. <b>2021</b> , 1	1
565	Soil nitrification response to dairy digestate and inorganic ammonium sources depends on soil pH and nitrifier abundances.	0
564	Sodium borohydride and thiol mediated nitrite release from nitroaromatic antibiotics. <b>2021</b> , 48, 128245	0
563	Increases in Potentially Mineralizable and Dissolved Organic Nitrogen in a Sandy Surface Soil Fertilized with Nitrogen are Greater with Lupin than Wheat Residues. 1	
562	Possible protective effect of TNF- $\alpha$ inhibition and triad NO/cGMP/VEGF activation on gastric ulcer in rats. <b>2021</b> , 99, 864-874	1
561	Pioglitazone and/or irbesartan ameliorate COPD-induced endothelial dysfunction in side stream cigarette smoke-exposed mice model. <b>2021</b> , 280, 119706	0
560	Oral and Topical Anti-Inflammatory and Antipyretic Potentialities of Shoot Essential Oil and Its Nanoemulsion in Relation to Chemical Composition. <b>2021</b> , 26,	8
559	Effects of livestock grazing on soil health and recovery of a degraded Andean <i>Araucaria</i> forest.	3
558	Comprehensive metabolite profile of multi-bioactive extract from tree peony ( <i>Paeonia ostii</i> and <i>Paeonia rockii</i> ) fruits based on MS/MS molecular networking. <b>2021</b> , 148, 110609	5
557	The inhibition of inducible nitric oxide production in lipopolysaccharide-stimulated rat macrophages and in silico studies by flavonoids from <i>Iris spuria</i> L. rhizomes. <b>2021</b> , 278, 114311	
556	Mangiferin mitigates di-(2-ethylhexyl) phthalate-induced testicular injury in rats by modulating oxidative stress-mediated signals, inflammatory cascades, apoptotic pathways, and steroidogenesis. <b>2021</b> , 711, 108982	1
555	Endogenous NO-releasing Carbon Nanodots for Tumor-specific Gas Therapy. <b>2021</b> , 136, 485-494	1
554	Molsidomine alleviates acetic acid-induced colitis in rats by reducing oxidative stress, inflammation and apoptosis. <b>2021</b> , 99, 108005	1
553	Mycorrhizal growth and phosphorus responses of tomato differ with source but not application rate of phosphorus fertilisers. <b>2021</b> , 166, 104089	3



552	Effect of tannic acid-templated mesoporous silica nanoparticles on iron-induced oxidative stress and liver toxicity in rats. <b>2021</b> , 8, 1721-1728	
551	Extract of varieties of guava ( <i>Psidium guajava</i> L.) leaf modulate angiotensin-1-converting enzyme gene expression in cyclosporine-induced hypertensive rats. <b>2021</b> , 1, 100045	2
550	Comparative investigation on metabolites and biological activities of <i>Paeonia ostii</i> stamens from different geographical regions of China. <b>2021</b> , 172, 114038	1
549	Serum nitrite and nitrate: A potential biomarker for post-covid-19 complications?. <b>2021</b> , 175, 216-225	6
548	Salinity gradients shape the nitrifier community composition in Nanliu River Estuary sediments and the ecophysiology of comammox <i>Nitrospira inopinata</i> . <b>2021</b> , 795, 148768	1
547	Livestock-induced N <sub>2</sub> O emissions may limit the benefits of converting cropland to grazed grassland as a greenhouse gas mitigation strategy for agricultural peatlands. <b>2021</b> , 174, 105764	1
546	Oxygen-mediated oxidation of ferrous nitrosylated nitrobindins. <b>2021</b> , 224, 111579	5
545	Aminoguanidine induced apoptosis in human hepatocarcinoma HepG2 cells. <b>2021</b> , 25, 101329	1
544	Systemic and topical Ginkgo biloba leaf extract (Egb-761) ameliorated rat paw inflammation in comparison to dexamethasone. <b>2022</b> , 282, 114619	2
543	Marjoram extract prevents ischemia reperfusion-induced myocardial damage and exerts anti-contractile effects in aorta segments of male wistar rats. <b>2022</b> , 282, 114660	0
542	Vegetation Type Does not Affect Nitrous Oxide Emissions from Riparian Zones in Agricultural Landscapes. <b>2021</b> , 67, 371-383	2
541	An activity-based labelling method for the detection of ammonia and methane-oxidizing bacteria.	1
540	Combined SPRi Sensor for Simultaneous Detection of Nitrate and Ammonium in Wastewater. <b>2021</b> , 21,	1
539	Influence of fire retardant and pyrogenic carbon on microscale changes in soil nitrogen and phosphorus. <b>2021</b> , 152, 117-126	2
538	Correlation of vitamin D and asymmetric dimethylarginine in children with bronchial asthma. <b>2021</b> , 14, 222-228	
537	Arbuscular mycorrhizal fungi and biochar influence simazine decomposition and leaching. <b>2021</b> , 13, 708-718	4
536	Voltammetric sensor based on long alkyl chain tetraalkylammonium ionic liquids comprising ascorbate anion for determination of nitrite. <b>2021</b> , 188, 54	3
535	Physicochemical Properties of Pure Water Treated by Pure Argon Plasma Jet Generated by Microwave Discharge in Opened Atmosphere. <b>2021</b> , 8,	8

534	Protective Effects of Spirulina Platensis- Selenium Nanoparticles Against Nicotine Induced-Lung Toxicity. <b>2021</b> , 20, 9-17	1
533	Angiotensin II type 1 receptor is involved in hypertension and vascular alterations caused by environmental toxicant hexachlorobenzene. <b>2021</b> , 8, 1599-1606	0
532	Nicorandil mitigates folic acid-induced nephrotoxicity in mice: Role of iNOS and eNOS. <b>2021</b> , 35, e22692	3
531	Mechanism of Antiangiogenic and Antioxidant Activity of Newly Synthesized CAMBA in Ehrlich Ascites Carcinoma-Bearing Mice. <b>2021</b> , 33, 2465-2471	0
530	Piceatannol promotes hepatic and renal AMPK/SIRT1/PGC-1 $\beta$ mitochondrial pathway in rats exposed to reserpine or gamma-radiation. <b>2021</b> , 35, 20587384211016194	1
529	The potential effect of the angiotensin II receptor blocker telmisartan in regulating OVA-induced airway remodeling in experimental rats. <b>2015</b> , 67, 943-951	9
528	Peroxynitrite scavenging by Campylobacter jejuni truncated hemoglobin P. <b>2017</b> , 22, 1141-1150	5
527	Nitrogen fertilization improves the growth of lodgepole pine and white spruce seedlings under low salt stress through enhancing photosynthesis and plant nutrition. <b>2017</b> , 404, 197-204	12
526	The c-Met inhibitor capmatinib alleviates acetaminophen-induced hepatotoxicity. <b>2020</b> , 81, 106292	7
525	Naringin attenuates Bisphenol-A mediated neurotoxicity in hypertensive rats by abrogation of cerebral nucleotide depletion, oxidative damage and neuroinflammation. <b>2020</b> , 81, 18-33	4
524	Effect of cadmium contamination on the rhizosphere bacterial diversity of Echinocactus platyacanthus. <b>2020</b> , 13, 100187	5
523	High Dose Pomegranate Extract Suppresses Neutrophil Myeloperoxidase and Induces Oxidative Stress in a Rat Model of Sepsis. <b>2019</b> , 89, 271-284	3
522	Chemical Nature of Spent Coffee Grounds and Husks. <b>2020</b> , 73, 1284	2
521	Protective effect of N-acetyl cysteine against radiotherapy-induced cardiac damage. <b>2020</b> , 96, 661-670	5
520	Stream sediment bacterial communities exhibit temporally-consistent and distinct thresholds to land use change in a mixed-use watershed. <b>2021</b> , 97,	2
519	Grape seed extract improved the fertility-enhancing effect of atorvastatin in high-fat diet-induced testicular injury in rats: involvement of antioxidant and anti-apoptotic effects. <b>2021</b> , 73, 366-376	1
518	Paucibacter oligotrophus sp. nov., isolated from fresh water, and emended description of the genus Paucibacter. <b>2017</b> , 67, 2231-2235	11
517	Genomic and kinetic analysis of novel Nitrospinae enriched by cell sorting.	2

516	High functional diversity among Nitrospira populations that dominate rotating biological contactor microbial communities in a municipal wastewater treatment plant.	3
515	Is Molybdenum Disulfide Modified with Molybdenum Metal Catalytically Active for the Nitrogen Reduction Reaction?. <b>2020</b> , 167, 146507	7
514	Curcumin, Alone or in Combination with Aminoguanidine, Increases Antioxidant Defenses and Glycation Product Detoxification in Streptozotocin-Diabetic Rats: A Therapeutic Strategy to Mitigate Glycoxidative Stress. <b>2020</b> , 2020, 1036360	7
513	Study on the Diversity of Fungal and Bacterial Communities in Continuous Cropping Fields of Chinese Chives (). <b>2020</b> , 2020, 3589758	6
512	Neuroprotective effects of ammonium tetrathiomolybdate, a slow-release sulfide donor, in a rodent model of regional stroke. <b>2020</b> , 8, 13	4
511	Effects of frequent fire and mowing on resprouting shrubs of Florida scrub, USA. <b>2020</b> , 16,	1
510	DETC induces Leishmania parasite killing in human in vitro and murine in vivo models: a promising therapeutic alternative in Leishmaniasis. <b>2010</b> , 5, e14394	29
509	Nitrate paradigm does not hold up for sugarcane. <b>2011</b> , 6, e19045	99
508	Acquisition and assimilation of nitrogen as peptide-bound and D-enantiomers of amino acids by wheat. <b>2011</b> , 6, e19220	93
507	Multimechanistic antifibrotic effect of biochanin A in rats: implications of proinflammatory and profibrogenic mediators. <b>2013</b> , 8, e69276	26
506	Isoniazid inhibits the heme-based reactivity of Mycobacterium tuberculosis truncated hemoglobin N. <b>2013</b> , 8, e69762	24
505	Experimental diabetes induces structural, inflammatory and vascular changes of Achilles tendons. <b>2013</b> , 8, e74942	36
504	Nitrite-reductase and peroxyxynitrite isomerization activities of Methanosarcina acetivorans protoglobin. <b>2014</b> , 9, e95391	12
503	Anti-ulcerogenic effect of methanolic extracts from Ecosanthellum pulchrum (King) Heusden against ethanol-induced acute gastric lesion in animal models. <b>2014</b> , 9, e111925	35
502	Geraniol, alone and in combination with pioglitazone, ameliorates fructose-induced metabolic syndrome in rats via the modulation of both inflammatory and oxidative stress status. <b>2015</b> , 10, e0117516	37
501	Tangeretin Alleviates Cisplatin-Induced Acute Hepatic Injury in Rats: Targeting MAPKs and Apoptosis. <b>2016</b> , 11, e0151649	72
500	Enhancement of Wound Healing by Non-Thermal N <sub>2</sub> /Ar Micro-Plasma Exposure in Mice with Fractional-CO <sub>2</sub> -Laser-Induced Wounds. <b>2016</b> , 11, e0156699	26
499	Protective effects of Astragalus kahiricus root extract on ethanol-induced retrograde memory impairments in mice. <b>2019</b> , 8, 295-301	3

498	Increased chemerin and decreased omentin-1 levels in morbidly obese patients are correlated with insulin resistance, oxidative stress and chronic inflammation. <b>2014</b> , 87, 19-26	19
497	Role of nitro-oxidative stress in the pathogenesis of experimental rat periodontitis. <b>2016</b> , 89, 150-9	5
496	Effect of co-administration of morphine and nicotine on cardiovascular function in two-kidney one clip hypertensive (2K1C) rats. <b>2013</b> , 13, 140-5	3
495	Effects of corn oil on the gastric mucosa of horses with induced ulcer. <b>2016</b> , 29,	3
494	[Combined markers of initial stages of coronary atherosclerosis]. <b>2017</b> , 63, 272-277	3
493	Heavy metals, biomarkers of oxidative stress and changes in sperm function: A case-control study. <b>2019</b> , 17,	8
492	Insulinotropic and anti-inflammatory effects of rosiglitazone in experimental autoimmune diabetes. <b>2005</b> , 2, 146-56	9
491	Alpha-lipoic acid improves subclinical left ventricular dysfunction in asymptomatic patients with type 1 diabetes. <b>2013</b> , 10, 58-67	22
490	Method for Nitrate Determination in Water in the Presence of Nitrite. <b>2014</b> , 9, 8-13	5
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