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P01

Analysis of phenolic compounds in various matrices

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P02

The educated patient

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P03

Milk protein and their determination using HPLC method

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P04

Thiamin, riboflavin and vitamin B6 in milk BIO products

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P05

Dietary habits on basic school children

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P06

Dietary vitamins intakes on Czech forces soldiers

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P07

The comparison of antioxidant and antiradical activity of phenol content in four species of Wild almonds hulls and shells

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P08

Antioxidants in vegetables in dependence on conditions of cultivation

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X-ray crystal structure and DFT study of Biotin

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P10

Homocysteine, vitamin status and micronucleus frequency in aircrews occupationally exposed to radiation and stress factors

Kažimírová A., Barančoková M., Dušínská M., Staruchová M., Mišlanová C., Hudecová Z., Wsóllová L., Líšková A.

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P11

Bioenergetics in cirrhotic rat liver mitochondria after rooibos tea (ASPHALATUS LINEARIS) administration

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P12

Determination of deoxynivalenol levels in barley, malt and intermediate products of malting process by high performance liquid chromatography and MALDI-TOF mass spectrometry.

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P13

Determination of flavonoids in hop extract by HPLC - comparison of UV and Corona CAD detection

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Comparison of HPLC/UV-VIS and HPLC/CAD method for determination of resveratrol, its glycoside-piceid and emodin in extract of Reynoutria

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P15

Possibilities of usage yeast biomass in human and animal nutrition

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Rapid analysis of phenolic acids by UPLC-MS/MS

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Novel immunoaffinity purification approach for isolation of new cytokinin based anticancer drug and its identification in plant tissues

Hauserová E., Swaczynová J., Novák O., Zatloukal M., Hajduch M., Dolezal K., Strnad M.

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P18

HPLC determination of β -carotene in tomato

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P19

β -carotene determination in gelatin capsule using HPLC with an electrochemical detection

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The new HPLC method using monolithic technology for simultaneous determination of vitamin D2, D3, 25(OH)D3, retinol and α -tokoferol in human serum

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Rapid HPLC method for the determination of vitamin A and E in human serum using new technologies

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Lipid peroxidation and antioxidant defence of aircrews occupationally exposed to radiation and stress factors

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TEA – The caffeine myth?

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Importance of legumes in human nutrition

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Study of amino acid contents in some selected legumes species

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Light-dependent accumulation of antioxidants in the barley plants

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Occurrence of rutin (kvercetin-3- β -rutinosid) in selected commercial teas in local market

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Optimization of HPLC method for determination of plasma homocysteine using coulochemical detection

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Products of oxidative damage and DNA repair in vegetarians and non-vegetarians

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Influence of diet and age on micronucleus frequency and antioxidant status in women

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Relations between several methods for antioxidant capacity in green and black teas

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Biochémia a princípy výživy

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Changes of antioxidant status in apples stored under normal and modified atmosphere

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Determination of thymoquinone and related compounds in plants by capillary gas chromatography

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Study of biologically active substances in barley, malt and beer

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Dynamic research of phenolic compounds and antioxidant properties of some species of Mongolian medicinal plants

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Nutritional value of sweet pepper fruits under different NPK levels.

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Monitoring of levels of selected vitamins in barley caryopsis and products of its processing

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The effects of fungal infection and fungicide treatment on the level of selected substances detrimental to health in a barley-malt-beer chain

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Individual genetic variability in GST enzymes and plasma antioxidants in the context of different nutrition habits.

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Fast detection of antioxidants

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Detection of different concentrations of phenolic compounds in 14W solution

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Antioxidant activity of compounds from the aerial parts of *Saussurea salicifolia* (L.)DC

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Pharmacokinetic of microencapsulated tocotrienols in Sprague Dawley rats.

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Expression of adhesion molecules in pregnant mother supplemented with palm tocotrienols

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Ferulic acid in barley grain

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Influence of lanthanum(III) and gadolinium(III) ions on plant cell model – cell suspension culture of tobacco BY-2

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Effect of selected lanthanide ions on growth and biosynthetic abilities of Japanese knotweed in vitro

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A plant functional food quality control applied to antioxidant capacity with respect to phenolic content

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In vitro investigation of effect of selected lanthanide ions on growth and on certain biosynthetic pathways of Japanese knotweed

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Automated electrochemical analysis of heavy metals in selected foodstuffs

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Employing of high performance liquid chromatography with UV-VIS and electrochemical detection for determination of phenols in plants tissues

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Metabolomic profiling of uremia with an LC-EC Array-MS parallel platform

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RP-HPLC peptide mapping of proteins with a Corona CAD

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A “global” method for tissue thiols, disulfides and thioethers using an HPLC system incorporating a novel boron-doped diamond detector

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Determination of tissue nitrosoglutathione, glutathione, glutathione disulfide and cysteinylglycine by a novel boron-doped diamond electrode

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Rapid resolution liquid chromatography with charged aerosol detection

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Analysis of extractable / leachables in pharmaceutical devices

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Impurity testing with the Corona CAD

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Photochemically transformed resveratrol derivatives featured as immunomodulatory agents

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P61

Large-scale fatty acids pattern analysis in fractionated human blood samples

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