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Antioxidant Activity And Physicochemical Properties
Peer-review under responsibility of the organizing committee of IC-FANRes 2015 doi: 10.1016/j.aaspro.2016.02.132 Available online at www.sciencedirect.com ScienceDirect International Conference on Food, Agriculture and Natural Resources, IC-FANRes 2015 Antioxidant Activity and Physicochemical Properties of Nicolaia speciosa Flower Extract Rifda ...

Antioxidant Activity and Physicochemical Properties of ...
The results of physicochemical properties studies indicate that SSP contains more galacturonic acid, which may also result in greater SSP antioxidant activity than SCP. However, no significant correlation was observed between the total sugar content and activity in any of the tested antioxidant assays.

Physicochemical properties, antioxidant activity and ...
The physicochemical properties, total polyphenolic and flavonoid content (TPC and TFC), catalase and antioxidant activity (DPPH, TEAC, and ORAC assays) of 13 representative honey samples was determined. Biological and cellular protection was investigated using the erythrocyte haemolysis, the pBR322 plasmid,...

Physicochemical properties, antioxidant activity and ...
Methods: The physicochemical properties, antioxidant and cytotoxic activities of crude extracts and fractions from P. amarus were determined using spectrophotometric method.

Physicochemical Properties, Antioxidant and Cytotoxic ...
The fruit physico-chemical properties, antioxidant activity and mineral contents of 26 pineapple [Ananas comosus (L.) Merr.] genotypes grown in China were measured. The results showed great quantitative differences in the composition of these pineapple genotypes.

Physico-chemical properties, antioxidant activity and ...
Their physicochemical properties as well as the DPPH radical scavenging ability and reducing power were investigated. All physicochemical properties and antioxidant activities were significantly affected by the chitosan ascorbate/methylcellulose ratio in the matrix.

Preparation and physicochemical properties of antioxidant ...
Physicochemical properties and antioxidant activity of Korean native cactus (Opuntia humifusa) cladodes (KCC) were investigated to evaluate the possibility for its application in new health ...

Physicochemical properties and antioxidant activity of ...
Study of antioxidant activity and physicochemical properties of coconut milk (Pati santan) in Malaysia.

(PDF) Study of antioxidant activity and physicochemical ...
physicochemical properties and antioxidant activity based on TPC, FRAP, ORAC and DPPH of Malaysian coconut milk. Results of the study showed that coconut milk samples exhibited a significantly different (P<0.05) antioxidant activity in comparison of goat and cow's milk for all the assays except DPPH. Coconut's milk exhibited the highest

Study of antioxidant activity and physicochemical ...
The structural characterisation, physicochemical properties and antioxidant activity of LP2-1 were investigated. The results showed that LP2-1 had an average molecular weight of approximately 8.52 × 10 3 kDa and was mainly composed of l -rhamnopyranose, d -arabinofuranose, d -glucopyranose and d -galactopyranose in the molar ratio of 1.88:2.13:1.00:2.50, and major functional groups of LP2-1 were COO and OH.

Structural characterisation, physicochemical properties ...
Soybean residue is an underutilized, nutrient-rich by-product of soybean processing. To enhance its value, we subjected soybean residue to superfine grinding and measured the resulting physiochemical properties and antioxidant activities. We prepared powders with particle sizes of 115.35, 77.93, 39.38, 25.01, and 20.44 μm.

Effect of superfine grinding on physicochemical and ...
Enhancement of antioxidant activity and physicochemical properties of yogurt enriched with concentrated strawberry pulp obtained by block freeze concentration. Jaster H(1), Arend GD(1), Rezzadori K(2), Chaves VC(3), Reginatto FH(3), Petrus JCC(1).

Enhancement of antioxidant activity and physicochemical ...
Antioxidant profile, antioxidant activity, and physicochemical characteristics of strawberries from different cultivars and harvest locations. Journal of the Korean Society for Applied Biological Chemistry 2015, 58, 587-595. DOI: 10.1007/s13765-015-0085-z.

Antioxidant and Antiproliferative Activities of ...
In Table 1, we show the physicochemical properties, namely the MC, RI, IV, SV, PV, viscosity, and FFA of the VCO extracted by the four different methods. The standard values related to the physicochemical properties and antioxidant capacities of VCO provided by APCC (APCC (Asian Pacific Coconut Community), 2009) are listed for comparison.

Physicochemical properties, antioxidant capacities, and ...
During the last decade buckwheat was reported to have positive health effects. The present study investigated a high-polyphenol buckwheat protein (Fagopyrum esculentum Moench) prepared by enzyme-assisted processing, together with its physicochemical properties, in vitro digestibility, and antioxidant activity.

Enzyme-assisted development of biofunctional polyphenol ...
physicochemical properties of BG during 35 days of aging, and to identify the optimum aging period for maximized antioxidant properties. To achieve this, we quantified the bioactive compound levels, including total polyphenols and flavonoids contents, and antioxidant activities of BG, using

Physicochemical and Antioxidant Properties of Black Garlic
The current study was aimed to observe the influence of pulsed electric field (PEF) on the extraction of bioactive components; antioxidant activity and physicochemical properties of date palm fruit extract (DPFE) as compared to the extract untreated by PEF. The fruit was treated with PEF (frequency: 10 Hz, time: 100 μs, pulses number: 30, electric field strength (EFS): 1, 2, and 3 kV/cm.

Processes | Free Full-Text | Pulsed Electric Field ...
Compared extraction methods on the physicochemical properties, antioxidant activity, and optimization of enzyme-assisted extraction of polysaccharides from Gynura medica

Compared extraction methods on the physicochemical ...
In the present study, the physicochemical properties and antioxidant activities of different Iranian honey samples are investigated using various multivariate techniques in order to develop a quality control model. Forty-eight Iranian honey samples were tested for 15 physicochemical and antioxidant parameters.