Free to Read until May 31, 2021

All selected papers on strawberry (related) researches are Free to Read until 31-05-2021 due to the 9th International Strawberry Symposium (ISS2021).



Seasonal changes in white strawberry: Effect on aroma, phenolic compounds and its biological activity

Noriega, Felipe | Mardones, Claudia | Fischer, Susana | García-Viguera, Cristina | Moreno, Diego A. | López, María Dolores

Mitigating the adverse effects of deficit fertigation on strawberry yield, quality and phytochemical compounds by salicylic acid and putrescine treatments

Asghari, Mohammadreza | Ahmadi, Feridoun | Hajitagilou, Ramin



Hypolipidaemic, hypoglycaemic and antioxidant effects of a tropical highland blackberry beverage consumption in healthy individuals on a high-fat, high-carbohydrate diet challenge

Quesada-Morúa, María S. | Hidalgo, Olman | Morera, Jéssica | Rojas, Gustavo | Pérez, Ana M. | Vaillant, Fabrice | Fonseca, Lidiette

Physico-chemical characterization, metabolomic profile and *in vitro* antioxidant, antihypertensive, antiobesity and antidiabetic properties of Andean elderberry *(Sambucus nigra subsp. peruviana)*

Porras-Mija, Irina | Chirinos, Rosana | García-Ríos, Diego | Aguilar-Galvez, Ana | Huaman-Alvino, Cinthya | Pedreschi, Romina | Campos, David

Grape skin extract prevents UV irradiation induced DNA damage of normal human epidermal keratinocytes cells

Song, Yutong | Bondad, Serene Ezra Corpus | Tajima, Hirotaka | Sato, Tomoyuki | Wakamiya, Nobutaka | Ohtani, Katsuki | Ito, Keizo | Okuno, Tsutomu | Kurasaki, Masaaki

Genome-wide identification and analysis of the MADS-box gene family and its potential role in fruit ripening in black raspberry *(Rubus occidentalis L.)*

Wu, Yaqiong | Zhang, Chunhong | Wu, Wenlong | Li, Weilin | Lyu, Lianfei

Genome-wide identification and characterization of long non-coding RNAs involved in grape berry ripening

Zhang, Hui-Ling | Wang, Zhen-Guang | Yu, Yi-He | Guo, Da-Long

LC-ESI-QTOF-MS profiling, protective effects on oxidative damage, and inhibitory activity of enzymes linked to type 2 diabetes and nitric oxide production of *Vaccinium corymbosum* L. (Ericaceae) extracts

Tenuta, Maria Concetta | Malfa, Giuseppe Antonio | Bonesi, Marco | Acquaviva, Rosaric | Loizzo, Monica Rosa | Dugay, Annabelle | Bouzidi, Chouaha | Tomasello, Barbara | Tundis, Rosa | Deguin, Brigitte

Strawberry physiological and biochemical responses to chilling and freezing stress and application of alleviating factors as countermeasures

Roussos, P. A. | Ntanos, E. | Tsafouros, A. | Denaxa, N.-K.

Climate-photothermographs, a tool for ecophysiological assessment of effects of climate warming in crop plants: Examples with three berry crops

Heide, Ola M. | Sønsteby, Anita

Characterizing the phenolic constituents of U.S. Southeastern blackberry cultivars

Liao, Xiaoxi | Greenspan, Phillip | Srivastava, Anita | Pegg, Ronald B.

Maqui, Calafate, and Blueberry fruits extracts treatments suppress the pathogenic interaction amongst human adipocytes and macrophages

Ovalle-Marin, A. | Reyes-Farias, M. | Vasquez, K. | Parra-Ruiz, C. | Quitral, V. | Jimenez, P. | Garcia, L. | Ramirez, L.A. | Quezada, J. | Gonzalez-Muniesa, P. | Garcia-Diaz, D.F.

Transcriptome sequencing and *de novo* assembly in red raspberry fruit development to elucidates the secondary metabolite pathways

Kang, Xiaojun | Li, Wenxin | Zhang, Xuemei | Tang, Yiwei | Zhao, Zhilei | Gu, Yuhong | Qi, Guohui | Guo, Suping

Organoleptic, nutritional and anti-carcinogenic characteristics of the fruit and rooting performance of cuttings of black mulberry *(Morus nigra L.)* genotypes

Guest editor: Dr. Li-Shu Wang

Kinetic deterioration and shelf life in Rose hip pulp during frozen storage

Quevedo, Roberto | Valencia, Emir | Pedreschi, Franco | Díaz, Oscar | Bastias-Montes, José | Siche, Raúl | Muñoz, Ociel

Diffusional analysis and textural properties of coated strawberries during osmotic dehydration treatment

Gamboa-Santos, J | Vasco, M.F. | Campañone, L

DNA methylation balance is involved in anthocyanin accumulation during *Vaccinium corymbosum* fruit ripening

Yu, Lei | Zhou, Ya | Zhang, Yihui | Liu, Wei | Li, Yongqiang | Lu, Mei | Fan, Chaoyang | Shao, Nan | Yang, Li | Guo, Weidong

Factors affecting *in vitro* and *in vivo* antioxidant effects. Experimental conditions and nature of oxidants determine antioxidant efficacy

Niki, Etsuo

The treatment with an extract from Calafate (*Berberis microphylla*) induces transcript and protein expression of molecules involved in thermogenesis and adipocyte browning in adipose tissue from obese mice

Duarte, Lissette | Quezada, Javier | Ramirez, Luisa A. | Vasquez, Karla | Orellana, Juan F. | Villanueva, Vanessa | Perez-Bravo, Francisco | Garcia-Diaz, Diego F.

Red raspberry (poly)phenolic extract improves diet-induced obesity, hepatic steatosis and insulin resistance in obese mice

Song, Haizhao | Shen, Xinchun | Chu, Qiang | Zheng, Xiaodong

GFP transient expression and silencing in Fragaria x ananassa

Hael-Conrad, Verónica | Iezzi, María E. | Vellicce, Gabriel R. | Tomas-Grau, Rodrigo H. | Castagnaro, Atilio P. | Díaz-Ricci, Juan C.

Effects of plug plants and bare-root plants on strawberry field performance, fruit quality traits and health-promoting compounds

Cocco, Carine | Faedi, Walther | Magnani, Sabina | Maltoni, Maria Luigia | Stagno, Fiorella | Turci, Patrizia | Quacquarelli, Irene | Ferré, Anne-Sophie | Baruzzi, Gianluca

Potential bioactive ingredient from elderberry fruit: Process optimization for a maximum phenolic recovery, physicochemical characterization, and bioaccesibility

Gomez Mattson, Milagros Lucía | Corfield, Rocío | Bajda, Leonardo | Pérez, Oscar Edgardo | Schebor, Carolina | Salvatori, Daniela

Anthocyanin content, bioactive compounds and physico-chemical characteristics of potential new strawberry cultivars rich in-anthocyanins

Sirijan, Mongkon | Pipattanawong, Narongchai | Saeng-on, Boonsong | Chaiprasart, Peerasak

Evolution of Acyl-CoA-binding protein gene family in plants provides insights into potential functions of grapevine (*Vitis vinifera* L.)

Dong, Zhi-Gang | Liu, Hui | Wang, Xiao-Long | Tang, Jun | Zhu, Kai-Kai | Wu, Yong-Hui | Chen, Xin-Lu | Tang, Xiao-Ping | Cheng, Zong-Ming (Max)

Effect of nighttime UV-C irradiation of strawberry plants on phenolic content of fruit: Targeted and non-targeted metabolomic analysis

Sun, Jianghao | Janisiewicz, Wojciech J. | Takeda, Fumiomi | Evans, Breyn | Jurick II, Wayne M. | Zhang, Mengliang | Yu, Liangli | Chen, Pei

Purple Queen® fruits of *Punica granatum* L.: Nutraceutical properties and unconventional growing substrates

Balli, Diletta | Tozzi, Francesca | Khatib, Mohamad | Adessi, Alessandra | Melgarejo, Pablo | Masciandaro, Grazia | Giordani, Edgardo | Innocenti, Marzia | Mulinacci, Nadia

Berries polyphenols: Nano-delivery systems to improve their potential in cancer therapy

Dr. Li-Shu Wang

Anti-oxidant and anti-proliferative effect of anthocyanin enriched fractions from two Mexican wild blackberries (*Rubus spp.*) on HepG2 and glioma cell lines

Sánchez-Velázquez, Oscar Abel | Cortés-Rodríguez, Mireli | Milán-Carrillo, Jorge | Montes-Ávila, Julio | Robles-Bañuelos, Benjamín | del Ángel, Abel Santamaría | Cuevas-Rodríguez, Edith Oliva | Rangel-López, Edgar

Consistency of organoleptic and yield related traits of strawberry cultivars over time

Ariza, M.T. | Miranda, L. | Martínez-Ferri, E. | Medina, J.J. | Gómez-Mora, J.A. | Cervantes, L. | Soria, C.

Red raspberry (*Rubus idaeus*) consumption restores the impaired vasoconstriction and vasorelaxation response in the aorta of the obese Zucker rat, a model of the Metabolic Syndrome

VandenAkker, Natalie E. | Vendrame, Stefano | Tsakiroglou, Panagiotis | Klimis-Zacas, Dorothy

Inhibition of NF-κB pathway in LPS-stimulated THP-1 monocytes and COX-2 activity in vitro by berry pomace extracts from five Vaccinium species

Kunrade, Līga | Rembergs, Reinis | Jēkabsons, Kaspars | Kļaviņš, Linards | Kļaviņš, Māris | Muceniece, Ruta | Riekstiņa, Una

Inhibition of NF-κB pathway in LPS-stimulated THP-1 monocytes and COX-2 activity in vitro by berry pomace extracts from five Vaccinium species

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