

Food Research

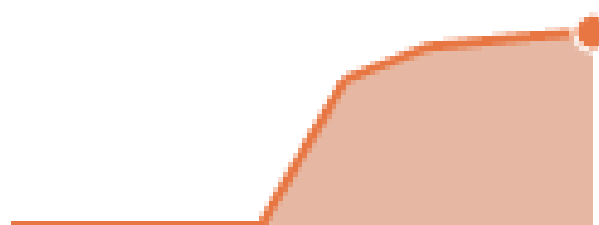
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The effect of extraction methods towards antioxidant activity of ethanol extract of *Litsea cubeba* Lour. barks

Aminah, D., Dewi, P., Mahatir, M. and Denny, S.

Available Online: 16 JULY 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).003](https://doi.org/10.26656/fr.2017.7(4).003)

The effect of extraction methods towards antioxidant activity of ethanol extract of *Litsea cubeba* Lour. barks was studied by Aminah *et al.*

Effect of partial replacement of wheat flour with flour/starch containing resistant starch on macaroni quality

Too, B.C. and Thuy, N.M.

Available Online: 16 JULY 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).1029](https://doi.org/10.26656/fr.2017.7(4).1029)

Too and Thuy evaluated the effects of partial replacement of wheat flour with flour/starch containing resistant starch on the quality of macaroni.

The correlation between the serum calcium/magnesium level ratio, body composition and sarcopenia in older adult women using Dual-Energy X-ray Absorptiometry

Sukmaningtyas, H., Ngestiningsih, D., Probosari, E. and Hananingtyas, A.

Available Online: 16 JULY 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).966](https://doi.org/10.26656/fr.2017.7(4).966)

Sukmaningtyas *et al.* studied the correlation between the serum calcium/magnesium level ratio, body composition and sarcopenia in older adult women using Dual-Energy X-ray Absorptiometry

Microstructure and technological properties of cooked meat sausages prepared with emulsions of vegetable oils as substitutes for animal fat

Momchilova, M.M., Gradinarska-Ivanova, D.N., Yordanov, D.G. and Zsivanovits, G.I.

Available Online: 16 JULY 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).1030](https://doi.org/10.26656/fr.2017.7(4).1030)

The microstructure and technological properties of cooked meat sausages prepared with emulsions of vegetable oils as substitutes for animal fat were studied by Momchilova *et al.*

An evaluation of potential fatty acids nutrition in snakehead fish (*Channa striata*) waste

Sasongko, H., Zulpadly, M.H. and Farida, Y.

Available Online: 22 JULY 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).285](https://doi.org/10.26656/fr.2017.7(4).285)

Sasongko *et al.* evaluated the potential of the fatty acids nutrition in snakehead fish (*Channa striata*) waste.

Antihypertensive effect of functional rice analogue containing corn, mofaf, pigeon pea and seaweed on rats

Rumiyati, Nugroho, A.E., Sani, P.N., Cahyani, S.K., Purwestri, Y.A., Pranoto, Y., Saloko, S. and Widyastuti, S.

Available Online: 22 JULY 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).067](https://doi.org/10.26656/fr.2017.7(4).067)

The antihypertensive effect of functional rice analogue containing corn, mofaf, pigeon pea and seaweed on rats was studied by Rumiyati *et al.*

Detection and antibiotic resistance profile of extended-spectrum beta-lactamase-producing *Escherichia coli* in raw vegetables

Lee, E., New, C.Y., Thung, T.Y., Tan, C.W., Wendy, R.D., Nuzul, N.J., Son, R. and Abdul-Mutalib, N.A.

Available Online: 22 JULY 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).E1](https://doi.org/10.26656/fr.2017.7(4).E1)

Lee *et al.* studied the prevalence of antibiotic resistance profile of extended-spectrum beta-lactamase-producing *Escherichia coli* in raw vegetables.

Valorization of extracts of Andean roots and tubers and its byproducts: bioactive components and antioxidant activity in vitro

Muñoz, A.M., Jimenez-Champi, D., Contreras-López, E., Fernández-Jerí, Y., Best, I., Aguilar, L. and Ramos-Escudero, F.

Available Online: 22 JULY 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).002](https://doi.org/10.26656/fr.2017.7(4).002)

Muñoz *et al.* studied on the valorization of extracts of Andean roots and tubers and its byproducts.

Extraction and purification of polyphenol oxidase from edible mushroom (*Agaricus bisporus*) and its use in the manufacture of pastries

Morgab, M.A., Hussein, A.D. and Hadi, S.T.

Available Online: 3 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).006](https://doi.org/10.26656/fr.2017.7(4).006)

The extraction and purification of polyphenol oxidase from edible mushroom (*Agaricus bisporus*) and its use in the manufacture of pastries was studied by Morgab *et al.*

Capabilities of wheat crop farmers in the selected war zones in Afghanistan

Stanikzai, A.N., Ali, F. and Saeedi, S.A.W.

Available Online: 3 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).984](https://doi.org/10.26656/fr.2017.7(4).984)

Stanikzai *et al.* evaluated the capabilities of wheat crop farmers in the selected war zones in Afghanistan

Mathematical modelling of roselle seeds (*Hibiscus sabdariffa* L.) drying kinetic

Thuy, N.M., Tram, N.B., Cuong, D.G., An, L.T., Duy, H.K. and Tai, N.V.

Available Online: 3 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).121](https://doi.org/10.26656/fr.2017.7(4).121)

Thuy *et al.* modelled the drying kinetics of roselle seeds (*Hibiscus sabdariffa* L.)

Evaluation of physicochemical parameters of edible oils at room temperature and after heating at high temperature

Wazed, M.A., Khatun, M.N., Khatun M.S., Hasan, M.R. and Yasmin, S.

Available Online: 3 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).900](https://doi.org/10.26656/fr.2017.7(4).900)

Wazed *et al.* evaluated the physicochemical parameters of edible oils at room temperature and after heating at high temperature.

Evaluation of xanthine oxidase inhibitory activity of sinapyl alcohol diacetate and stigmaterol compounds and phytochemical screening stem of *Etlingera rubroloba* A.D Poulsen

Jabbar, A., Sahidin, I., Malik, F., Ilyas, M.Y., Rusli, N., Apriyanto, Reymon and Qadar, J.

Available Online: 11 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).009](https://doi.org/10.26656/fr.2017.7(4).009)

Jabbar *et al.* evaluated xanthine oxidase inhibitory activity of sinapyl alcohol diacetate and stigmaterol compounds of *Etlingera rubroloba* A.D Poulsen

Refining of tilapia (*Oreochromis niloticus*) viscera oil with different sodium hydroxide concentrations

Purnamayati, L., Istianisa, W., Sumardianto and Suharto, S.

Available Online: 11 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).863](https://doi.org/10.26656/fr.2017.7(4).863)

Purnamayati *et al.* studied on the refined tilapia (*Oreochromis niloticus*) viscera oil with different sodium hydroxide concentrations.

The employment of real-time polymerase chain reaction coupled with species-specific primer for analysis of wild boar meat for halal authentication

Aini, S.R., Kurniasih, K.S.I., Rohman, A., Mulyanto, Erwanto, Y., Windarsih, A. and Bakar, N.K.A.

Available Online: 11 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).463](https://doi.org/10.26656/fr.2017.7(4).463)

The employment of real-time polymerase chain reaction coupled with species-specific primer for analysis of wild boar meat for halal authentication was performed by Aini *et al.*

The effects of dietary addition of acetic acid on milk yield and composition in Awassi ewes at an early stage of lactation

Mustafa, M.W., Almallah, O.D. and Saadi A.M.

Available Online: 11 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).202](https://doi.org/10.26656/fr.2017.7(4).202)

Mustafa *et al.* evaluated the effects of dietary addition of acetic acid on milk yield and composition in Awassi ewes at an early stage of lactation.

Prevalence of multi-antibiotics resistant *Vibrio parahaemolyticus* in shrimp farms in Sarawak, Malaysia

Elexson, N., Eddy, M.B., Wong, J.C.J., Lesen, D., Ransangan, J. and Thung, T.Y.

Available Online: 15 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).320](https://doi.org/10.26656/fr.2017.7(4).320)

The prevalence of multi-antibiotics resistant *Vibrio parahaemolyticus* in shrimp farms in Sarawak, Malaysia was studied by Elexson *et al.*

The moderating effect of halal certification on the purchase intention of halal bakery products in Petaling district, Selangor, Malaysia

Zulkfli, N., Abdullah, N. and Mat Issa, Z.

Available Online: 15 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).865](https://doi.org/10.26656/fr.2017.7(4).865)

Zulkifli *et al.* studied on the moderating effects of halal certification on the purchase intention of halal bakery products in Petaling district, Selangor, Malaysia.

Formulation and characterization of functional andaliman lozenges

Yanti, Temadja, L. and Tjandrawinata, R.R.

Available Online: 15 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).124](https://doi.org/10.26656/fr.2017.7(4).124)

Yanti *et al.* formulated and characterized the andaliman lozenges.

Quality of farmed shrimp (*Penaeus monodon*, Fabricius, 1798 and *Macrobrachium rosenbergii*, deman, 1879) as affected by melanosis inhibiting compounds

Khan, M. and Lively, J.A.

Available Online: 15 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).053](https://doi.org/10.26656/fr.2017.7(4).053)

Khan and Lively evaluated the quality of farmed shrimp (*Penaeus monodon*, Fabricius, 1798 and *Macrobrachium rosenbergii*, deman, 1879) affected by melanosis inhibiting compounds.

Evaluation of the quality parameters of wheat flour and banana peel powder-formulated cakes

Khaled, B.M., Alam, S.M.S., Rana, M.S., Sina, A.A., Mahmud, M.S. and Hosen, M.Z.

Available Online: 18 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).334](https://doi.org/10.26656/fr.2017.7(4).334)

Khaled *et al.* evaluated the quality parameters of wheat flour and banana peel powder-formulated cakes.

Physiological properties of novel melon cultivars (cv. Meloni and cv. Tacapa Green Black) during storage

Wiratara, P.R.W., Daryono, B.S. and Supriyadi

Available Online: 18 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).841](https://doi.org/10.26656/fr.2017.7(4).841)

The physiological properties of novel melon cultivars (cv. Meloni and cv. Tacapa Green Black) during storage was studied by Wiratara *et al.*

A segmentation of the expected future *in vitro* meat market: a study in Vietnam

Nghiêm-Phú, B.

Available Online: 18 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).935](https://doi.org/10.26656/fr.2017.7(4).935)

Nghiêm-Phú studied on a segmentation of the expected future *in vitro* meat market in Vietnam.

Physico-chemical properties, antioxidant activity and bioactive compounds in edible and non-edible portions of dragon fruit cultivars native to Bangladesh

Alam, M., Biswas, M., Ahmed, J., Hosain, M.A., Alam, A., Khan, M.H.H. and Molla, M.M.

Available Online: 18 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).243](https://doi.org/10.26656/fr.2017.7(4).243)

Alam *et al.* evaluated the physico-chemical properties, antioxidant activity and bioactive compounds in edible and non-edible portions of dragon fruit cultivars native to Bangladesh.

Antioxidant profile of red oncom, an Indonesian traditional fermented soyfood

Surya, R. and Romulo, A.

Available Online: 22 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).650](https://doi.org/10.26656/fr.2017.7(4).650)

The antioxidant profile of red oncom, an Indonesian traditional fermented soyfood was studied by Surya and Romulo.

Preference for and consumption of traditional and fast foods among adolescents in Indonesia

Briawan, D., Khomsan, A., Alfiah, E., Nasution, Z. and Putri, P.A.

Available Online: 22 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).156](https://doi.org/10.26656/fr.2017.7(4).156)

Briawan et al. studied the preference for and consumption of traditional and fast foods among adolescents in Indonesia.

The improvement of nutrition quality, antioxidant capacity, and functional properties of cowpea (*Vigna unguiculata*) sprout flour through NaCl and Na-alginate elicitation

Ariviani, S. and Mudalifah, I.

Available Online: 22 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).055](https://doi.org/10.26656/fr.2017.7(4).055)

Ariviani and Mudalifah studied the improvement of nutrition quality, antioxidant capacity, and functional properties of cowpea (*Vigna unguiculata*) sprout flour through NaCl and Na-alginate elicitation.

Effect of additional sodium metabisulphite (Na₂S₂O₅) on physico-chemical characteristics of cashew nut (*Anacardium occidentale* L) dregs flours

Arifan, F., Jannah, R., Broto, W., Sapatra E.F., Prasetyo, A.N.F. and Susanti

Available Online: 22 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).417](https://doi.org/10.26656/fr.2017.7(4).417)

Arifan et al. evaluated the effect of additional sodium metabisulphite (Na₂S₂O₅) on physio-chemical characteristics of cashew nut (*Anacardium occidentale* L) dregs flour.

Postharvest quality evaluation on the hot water-dipped *Zingiber officinale* rhizomes stored at low temperature storage

Shukor, N.I.A., Saari, N., Misran, A., Ahmad, S.H. and Mahmud, T.M.M.

Available Online: 25 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).517](https://doi.org/10.26656/fr.2017.7(4).517)

Shukor et al. evaluated the postharvest quality of hot water-dipped *Zingiber officinale* rhizomes stored a low temperature storage.

***Zingiber mioga*: a perspective of its botany, uses, chemical constituents and health benefits**

Chan, E.W.C., Chan, H.T. and Wong, S.K.

Available Online: 25 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).389](https://doi.org/10.26656/fr.2017.7(4).389)

Chan et al. reviewed *Zingiber mioga* from the botany, uses, chemical constituents and health benefits perspective.

The solvents influence in the continuous extraction to antioxidant and α-glucosidase inhibition of *Cinnamomum burmannii* bark

Ervina, M., Diva, J., Caroline and Soewandi, A.

Available Online: 25 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).1022](https://doi.org/10.26656/fr.2017.7(4).1022)

The influence of solvents in continuous extraction to antioxidant and α-glucosidase inhibition of *Cinnamomum burmannii* bark was evaluated by Ervina et al.

Ameliorative effect of peach gum on metabolic syndrome components and microbial short-chain fatty acids production in streptozotocin-induced rats

Noer, E.R., Sulchan, M., Kusumastuti, A.C., Murbawani, E.D., Probosari, E., Nuryanto, Veicinlun, S.Y., Rosma, S.N. and Ardiaria, M.

Available Online: 25 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).482](https://doi.org/10.26656/fr.2017.7(4).482)

Noer et al. studied on the effects of peach gum on metabolic syndrome components and microbial short-chain fatty acids production in streptozotocin-induced rats

Optimization of sugarcane juice as a culture medium for scale up of *Lactobacillus plantarum* TISTR 2083 production

Mamun, A.A., Masniyom, P. and Maneesri, J.

Available Online: 28 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).874](https://doi.org/10.26656/fr.2017.7(4).874)

Mamun et al. optimized sugarcane juice as a culture medium for scale up of *Lactobacillus plantarum* TISTR 2083 production.

The characteristic of whole wheat bread supplemented with roselle (*Hibiscus sabdariffa*) powder

Nor Qhairul Izzreen, M.N., Noor Syafiqah, A., Mamat, H., Nurul Hanisah, J., Pindi, W. and Siti Faridah, M.A.

Available Online: 28 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).340](https://doi.org/10.26656/fr.2017.7(4).340)

The characteristic of whole wheat bread supplemented with roselle (*Hibiscus sabdariffa*) power was studied by Nor Qhairul Izzreen et al.

The rapid detection of the infected seedlings of *Amorphophallus muelleri* using Visible Near-Infrared spectroscopy

Prastiwi, F.D., Zahra, A.M., Rahayoe, S., Masithoh, R.E., Pahlawan, M.F.R. and Nurrahmah, N.A., Indrayanti, E.

Available Online: 28 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).907](https://doi.org/10.26656/fr.2017.7(4).907)

Prastiwi *et al.* conducted a study to evaluate the rapid detection of infected seedlings of *Amorphophallus muelleri* using Visible Near-Infrared spectroscopy

Online transportation relationship with the diversity of household food consumption during the COVID-19 pandemic

Rahmadanih, Salman, D., Mahyuddin, Saadah and Viantika, N.M.

Available Online: 28 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).026](https://doi.org/10.26656/fr.2017.7(4).026)

Rahmadanih *et al.* evaluated the relationship of online transportation with the diversity of household food consumption during the COVID-19 pandemic.

Bioactive angiotensin converting enzyme inhibitory activity and antihypertensive activity derived from fish protein hydrolysate: a systematic review

Cheng, X.L., Oslan, S.N.H., Ikhlas, B. and Huda, N.

Available Online: 31 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).044](https://doi.org/10.26656/fr.2017.7(4).044)

Cheng *et al.* reviewed the bioactive angiotensin converting enzyme inhibitory activity and antihypertensive activity derived from fish protein hydrolysate.

Carotenoid composition in twenty ulam species as potential halal active pharmaceutical ingredients

Mat Ali, Q.A., Mohd Hatta, F.A., Othman, R., Ramya, R., Mohd Latiff, N.H. and Wan Sulaiman, W.S.H.

Available Online: 31 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).217](https://doi.org/10.26656/fr.2017.7(4).217)

The carotenoid composition in twenty *ulam* species as potential halal active pharmaceutical ingredients was evaluated by Mat Ali *et al.*

Carotenoids composition, antioxidant and antimicrobial capacities of *Crocus sativus* L. stigma

Mohd Hatta, F.A., Othman, R., Mat Ali, Q.A., Mohd Hassan, N., Ramya, R., Wan Sulaiman, W.S., Mohd Latiff, N.H. and Mohd Kashim, M.I.A.

Available Online: 31 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).390](https://doi.org/10.26656/fr.2017.7(4).390)

Mohd Hatta *et al.* evaluated the carotenoids composition, antioxidant and antimicrobial capacities of *Crocus sativus* L. stigma.

Pineapple (*Ananas comosus* [L.] Merr.) Cv. queen peel herbal tea with a variety of drying temperatures: bioactive compounds, antioxidant activity and antimicrobial activity

Dewi, Y.S.K. and Simamora, C.J.K.

Available Online: 31 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).005](https://doi.org/10.26656/fr.2017.7(4).005)

Dewi and Simamora studied the bioactive compounds, antioxidant and antimicrobial activities on the pineapple (*Ananas comosus* [L.] Merr.) Cv. queen peel herbal tea dried at different temperatures.

Chemical properties and sensory evaluation of sweetened condensed rice (*Oryza sativa* L.) milk

Wannasupchue, W.

Available Online: 31 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).126](https://doi.org/10.26656/fr.2017.7(4).126)

Wannasupchue studied the chemical properties and sensory evaluation of sweetened condensed rice (*Oryza sativa* L.) milk.

Antibacterial and antioxidant activities of ethanol extract of *Artocarpus lacucha* Buch-Ham leaves

Panal, S., Mahatir, M., Denny, S. and Nasri

Available Online: 31 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).836](https://doi.org/10.26656/fr.2017.7(4).836)

The antibacterial and antioxidant activities of ethanol extract of *Artocarpus lacucha* Buch-ham leaves were studied by Panal *et al.*

Ultrasound as an innovative way to modify food structure and opportunities in food industry

Pau, C.H., Chong, L.C. and Chin, Y.L.

Available Online: 31 AUGUST 2023 | [https://doi.org/10.26656/fr.2017.7\(4\).975](https://doi.org/10.26656/fr.2017.7(4).975)

Pau *et al.* reviewed ultrasound as an innovative way to modify food structure and opportunities in food industry.