

เอกสารอ้างอิง: 38(3)_มะเดื่อฝรั่ง

1. *Ficus carica* L. The Plant List. [Internet]. 2013 [cited 2021 January 16]. Available from: <http://www.theplantlist.org>.
2. ณรงค์ชัย พิพัฒน์ธนวนศ์, เบ็ญจารักษ์ ทองเย็น, สาวิตรี ทิววงศ์, อัจฉรา ภาวะสุทธิ, เวช เต้จ๊ะ. การวิจัยและพัฒนาเทคโนโลยีการปลูกมะเดื่อฝรั่งในพื้นที่มูลนิธิโครงการหลวง โครงการวิจัยย่อยที่ 1: การศึกษาการเจริญเติบโตและผลผลิตของมะเดื่อฝรั่ง (*Ficus carica* L.) พันธุ์ต่างๆ ในพื้นที่ของมูลนิธิโครงการหลวง. กรุงเทพมหานคร: สถาบันวิจัยและพัฒนาแห่งมหาวิทยาลัยเกษตรศาสตร์. 2550.
3. การปลูกมะเดื่อฝรั่งในพื้นที่โครงการหลวง. มูลนิธิโครงการหลวง. [อินเทอร์เน็ต]. 2564 [เข้าถึงเมื่อ 21 มกราคม 2564]. Available from <http://www.royalprojectthailand.com/>.
4. USDA National Nutrient Database for Standard References. [Internet]. 2019 [cited 2021 January 16]. Available from <https://ndb.nal.usda.gov/ndb/>.
5. Nakilcioglu E, Hisil Y. Research on the phenolic compounds in Sarilop (*Ficus carica* L.) fig variety. J Food. 2013;38:267-74.
6. Bey MB, Richard G, Meziat L, Fauconnier ML, Louaileche H. Effects of sun-drying on physicochemical characteristics, phenolic composition and *in vitro* antioxidant activity of dark fig varieties. J Food Process Preserv. 2016;41:1-8.
7. Kamiloglu S, Capanoglu E. Investigating the *in vitro* bioaccessibility of polyphenols in fresh and sun-dried figs (*Ficus carica* L.). Int J Food Sci Tech. 2013;48:2621-9.
8. Veberic R, Colaric M, Stampar F. Phenolic acids and flavonoids of fig fruit (*Ficus carica* L.) in northern Mediterranean region. Food Chem. 2008;106:153-7.
9. Pereira C, Lopez-Corrales M, Serradilla MJ, Villalobos MDC, Ruiz-Moyano S, Martín A. Influence of ripening stage on bioactive compounds and antioxidant activity in nine fig (*Ficus carica* L.) varieties grown in Extremadura, Spain. J Food Compost Anal. 2017;64:203-12.
10. Slatnar A, Klancar U, Stampar F, Veberic R. Effect of drying of figs (*Ficus carica* L.) on the contents of sugars, organic acids and phenolic compounds. J Agric Food Chem. 2011;59, 11696-702.
11. Faleh E, Oliveira AP, Valentao P, Ferchichi A, Silva BM, Andrade PB. Influence of Tunisian *Ficus carica* fruit variability in phenolic profiles and *in vitro* radical scavenging potential. Brazilian J Pharmacogn. 2012;22:1282-9.
12. Vallejo F, Marin JG, Tomas-Barberan FA. Phenolic compound content of fresh and dried figs (*Ficus carica* L.). Food Chem. 2012;130:485-92.
13. Caro AD, Piga A. Polyphenol composition of peel and pulp of two Italian fresh fig fruits cultivars (*Ficus carica* L.). Eur Food Res Technol. 2008;226:715-9.
14. Oliveira AP, Valentao P, Pereira JA, Silva BM, Tavares F, Andrade PB. *Ficus carica* L.: metabolic and biological screening. Food Chem Toxicol. 2009;47:2841-6.

15. Feng YC, Li WL, He FM, Kong TT, Huang XW, Gao ZH, et al. Aqueous two-phase system as an effective tool for purification of phenolic compounds from fig fruits (*Ficus carica* L.). *Sep Sci Technol*. 2015;50:1785-93.
16. Yemis O, Bakkalbas E, Artik N. Changes in pigment profile and surface colour of fig (*Ficus carica* L.) during drying. *Int J Food Sci Technol*. 2012;47:1710-9.
17. Duenas M, Perez-Alonso JJ, Santos-Buelga C, Escribano-Bailon T. Anthocyanin composition in fig (*Ficus carica* L.). *J Food Comp Anal*. 2008;21:107-155.
18. Su Q, Rowley KG, Itsiopoulos C, O'Dea K. Identification and quantitation of major carotenoids in selected components of the Mediterranean diet green leafy vegetables, figs, olive oil. *Eur J Clin Nutr*. 2002;56:1149-54.
19. Amessis-Ouchemoukh N, Ouchemoukh S, Meziat N, Idiri Y, Hernanz D, Stinco CM, et al. Bioactive metabolites involved in the antioxidant, anticancer and anticalpain activities of *Ficus carica* L., *Ceratonia siliqua* L. and *Quercus ilex* L. extracts. *Ind Crops Prod*. 2017;95:6-17.
20. Baek HI, Ha KC, Kim HM, Choi EK, Park EO, Park BH, et al. Randomized, double-blind, placebo-controlled trial of *Ficus carica* paste for the management of functional constipation. *Asia Pac J Clin Nutr*. 2016;25(3):487-96.
21. Kim SY, Back H, Oh MR, Rk SHP, Meihua J, Jeon JY, et al. Effect of *Ficus carica* on functional constipation. *FASEB J*. 2010;24(S1):348.
22. Pourmasoumi M, Ghiasvand R, Darvishi L, Hadi A, Bahreini N, Keshavarzpour Z. Comparison and assessment of flaxseed and fig effects on irritable bowel syndrome with predominant constipation: A single-blind randomized clinical trial. *Explore (NY)*. 2019;15(3):198-205.
23. Magnone M, Ameri P, Salis A, Andraghetti G, Emionite L, Murialdo G, et al. Microgram amounts of abscisic acid in fruit extracts improve glucose tolerance and reduce insulinemia in rats and in humans. *FASEB J*. 2015;29:4783-93.
24. Bruzzone S, Ameri P, Briatore L, Mannino E, Basile G, Andraghetti G, et al. The plant hormone abscisic acid increases in human plasma after hyperglycemia and stimulates glucose consumption by adipocytes and myoblasts. *FASEB J*. 2012;26(3):1251-60.
25. Atkinson FS, Villar A, Mulà A, Zangara A, Risco E, Smidt CR, et al. Abscisic acid standardized fig (*Ficus carica*) extracts ameliorate postprandial glycemic and insulinemic responses in healthy adults. *Nutrients*. 2019;11(8):1757.
26. Abbasi S, Kamalinejad M, Babaie D, Shams S, Sadr Z, Gheysari M, et al. A new topical treatment of atopic dermatitis in pediatric patients based on *Ficus carica* L. (Fig): A randomized, placebo-controlled clinical trial. *Complement Ther Med*. 2017;35:85-91
27. Oh HG, Lee HY, Seo MY, Kang YR, Kim JH, Park JW, et al. Effects of *Ficus carica* paste on constipation induced by a high-protein feed and movement restriction in beagles. *Lab Anim Res*. 2011;27(4):275-81.

28. Lee HY, Kim JH, Jeung HW, Lee CU, Kim DS, Li B, et al. Effects of *Ficus carica* paste on loperamide-induced constipation in rats. *Food Chem Toxicol.* 2012;50(3-4):895-902.
29. Rtibi K, Grami D, Wannes D, Selmi S, Amri M, Sebai H, et al. *Ficus carica* aqueous extract alleviates delayed gastric emptying and recovers ulcerative colitis-enhanced acute functional gastrointestinal disorders in rats. *J Ethnopharmacol.* 2018;224:242-9.
30. Zou Q, Zhang X, Liu X, Li Y, Tan Q, Dan Q, et al. *Ficus carica* polysaccharide attenuates DSS-induced ulcerative colitis in C57BL/6 mice. *Food Funct.* 2020;11(7):6666-79.
31. Zhao J, Gong L, Wu L, She S, Liao Y, Zheng H, et al. Immunomodulatory effects of fermented fig (*Ficus carica* L.) fruit extracts on cyclophosphamide-treated mice. *J Funct Foods.* 2020;75:104219.
32. El-Shobaki FA, El-Bahay Am, Esmail RS, El-Megeid AA, Esmail N. Effect of figs fruit (*Ficus carica* L.) and its leaves on hyperglycemia in alloxan diabetic rats. *World J Dairy Food Sci.* 2010;5(1):47-57.
33. Ajmal M, Arshad MU, Saeed F, Ahmed T, Khan AU, Bader-ul-Ain H, et al. Exploring the nutritional characteristics of different parts of fig in relation to hypoglycemic potential. *Pak J Life Soc Sci.* 2016;14:115-22.
34. Mopuri R, Ganjaji M, Meriga B, Koorbanally NA, Islam MS. The effects of *Ficus carica* on the activity of enzymes related to metabolic syndrome. *J Food Drug Anal.* 2018;26(1):201-10.
35. Arafa EA, Hassan W, Murtaza G, Buabeid MA. *Ficus carica* and *Sizigium cumini* regulate glucose and lipid parameters in high-fat diet and streptozocin-induced rats. *J Diabetes Res.* 2020;2020:6745873.
36. Leber A, Hontecillas R, Tubau-Juni N, Zoccoli-Rodriguez V, Goodpaster B, Bassaganya-Riera J. Abscisic acid enriched fig extract promotes insulin sensitivity by decreasing systemic inflammation and activating LINC28 in skeletal muscle. *Sci Rep.* 2020;10(1):10463.
37. Mahmoud M, Qura A, Badawy I, Abdel-Hady Y, Badawi A. Hypocholesterolemic effect of antioxidant containing fruits in rats fed on high-cholesterol and fat diet. *J Appl Sci Res.* 2013;9:4233-44.
38. Belguith-Hadriche O, Ammar S, Contreras Mdel M, Turki M, Segura-Carretero A, El Feki A, et al. Antihyperlipidemic and antioxidant activities of edible Tunisian *Ficus carica* L. fruits in high fat diet-induced hyperlipidemic rats. *Plant Foods Hum Nutr.* 2016;71(2):183-9.
39. Park SY, Bok SH, Jeon SM, Park YB, Lee SJ, Jeong TS, et al. Effect of rutin and tannic acid supplements on cholesterol metabolism in rats. *Nutr Res.* 2002;22:283-95

40. Prince PSM, Kannan NK. Protective effect of rutin on lipids, lipoproteins, lipid metabolizing enzymes and glycoproteins in streptozotocin-induced diabetic rats. *J Pharm Pharmacol*. 2006;58:1373-83.
41. Sukowati YK, Johan A, Murwani R. Ethanol extracts of *Ficus carica* fruit and leaf normalize high serum lipid profile, TNF- α , and MDA due to high fat diet in Sprague Dawley rat. *Curr Res Nutr Food Sci*. 2019;7(3):772-82.
42. Alamgeer, Iman S, Asif H, Saleem M. Evaluation of antihypertensive potential of *Ficus carica* fruit. *Pharm Biol*. 2017;55(1):1047-53.
43. Harzallah A, Bhourri AM, Amri Z, Soltana H, Hammami M. Phytochemical content and antioxidant activity of different fruit parts juices of three figs varieties grown in Tunisia. *Ind Crop Prod*. 2016;83:255-67.
44. Solomon A, Golubowicz S, Yablowicz Z, Grossman S, Bergman M, Gottlieb HE, et al. Antioxidant activities and anthocyanin content of fresh fruits of common fig (*Ficus carica*). *J Agric Food Chem*. 2006;54:7717-23.
45. Arumugam P, Haritha M, Keerthana R, Vijayalakshmi M, Saraswathi K. Comparative antioxidant and antimicrobial activities of peel and pulp of fruits of *Ficus carica* L. *World J Pharm Res*. 2018;7(15):1-20.)
46. Soltana H, Pinon A, Limami Y, Zaid Y, Khalki L, Zaid N, et al. Antitumoral activity of *Ficus carica* L. on colorectal cancer cell lines. *Cell Mol Biol*. 2019;65(6):6-11.
47. Liu YP, Guo JM, Yan G, Zhang MM, Zhang WH, Qiang L, et al. Anti-inflammatory and antiproliferative prenylated isoflavone derivatives from the fruits of *Ficus carica*. *J Agric Food Chem*. 2019;67(17):4817-23.
48. Zubair RU, Bakar NA, Swethadri G, Baig A, Masaud IA, Umar M. Non-toxic antiproliferative effect of *Ficus carica* fruit extracts on estrogen receptor positive breast cancer cell (MCF-7). *J Chem Phar Res*. 2015;7(10):815-21.
49. Sruthi B, Sunny G, Hajra N, Sakthivel S. Diuretic activity of ethanolic extracts of *Ficus carica* L. fruits. *Int J Res Pharmacol Pharmacother*. 2012;1:25-8.
50. Dechamp C, Bessot JC, Pauli G, Deviller P. First report of anaphylactic reaction after fig (*Ficus carica*) ingestion. *Allergy*. 1995;50(6):514-6.
51. Urbani S, Aruanno A, Nucera E. Adverse reaction to *Ficus carica*: reported case of a possible cross-reactivity with Der p1. *Clin Mol Allergy*. 2020;18:9.