

## LETTERATURA:

- 1) Recovery of lycopene from industrially derived tomato processing by-products by pulsed electric fields-assisted extraction. Carullo, D., M. Falcone, e G. Ferrari *Innovative Food Science & Emerging Technologies* 63 2020: 102369. <https://doi.org/10.1016/j.ifset.2020.102369>.
- 2) Üstündaş, Mehmet, H. Banu Yener, e Şerife Ş. Helvacı. «Parameters Affecting Lycopene Extraction from Tomato Powder and Its Antioxidant Activity». *Anadolu University Journal of Science and Technology-A Applied Sciences and Engineering*, 2018, 1–1. <https://doi.org/10.18038/aubtda.363140>.
- 3) Domadia, Bhoomika A, e N R Vaghela. «Supercritical Fluid Extraction of Lycopene from Tomatos by Using CO<sub>2</sub> as a Solvent: A Review», 2013, 4.
- 4) Lu, Zhiqiang, Jiajia Wang, Ruiping Gao, Fayin Ye, e Guohua Zhao. «Sustainable Valorisation of Tomato Pomace: A Comprehensive Review». *Trends in Food Science & Technology* 86 (aprile 2019): 172–87. <https://doi.org/10.1016/j.tifs.2019.02.020>.
- 5) Pinela, José, M.A. Prieto, Maria Filomena Barreiro, Ana Maria Carvalho, M. Beatriz P.P. Oliveira, Thomas P. Curran, e Isabel C.F.R. Ferreira. «Valorisation of Tomato Wastes for Development of Nutrient-Rich Antioxidant Ingredients: A Sustainable Approach towards the Needs of the Today's Society». *Innovative Food Science & Emerging Technologies* 41 (giugno 2017): 160–71. <https://doi.org/10.1016/j.ifset.2017.02.004>.
- 6) Kehili, Mouna, Marianne Kammlott, Sirine Choura, Ayachi Zammel, Carsten Zetzl, Irina Smirnova, Noureddine Allouche, e Sami Sayadi. «Supercritical CO<sub>2</sub> Extraction and Antioxidant Activity of Lycopene and  $\beta$ -Carotene-Enriched Oleoresin from Tomato (*Lycopersicon Esculentum* L.) Peels by-Product of a Tunisian Industry». *Food and Bioproducts Processing* 102 (marzo 2017): 340–49. <https://doi.org/10.1016/j.fbp.2017.02.002>.
- 7) Tan, Si, Zunli Ke, Dan Chai, Yiwen Miao, Kui Luo, e Wenfeng Li. «Lycopene, Polyphenols and Antioxidant Activities of Three Characteristic Tomato Cultivars Subjected to Two Drying Methods». *Food Chemistry* 338 (febbraio 2021): 128062. <https://doi.org/10.1016/j.foodchem.2020.128062>.
- 8) Liu, Siqi, Dan Yang, Lin Yu, Zhier Aluo, Zhiwang Zhang, Yilin Qi, Yixing Li, Ziyi Song, Gaoxiao Xu, e Lei Zhou. «Effects of Lycopene on Skeletal Muscle-Fiber Type and High-Fat Diet-Induced Oxidative Stress». *The Journal of Nutritional Biochemistry* 87 (gennaio 2021): 108523. <https://doi.org/10.1016/j.jnutbio.2020.108523>.
- 9) Ilahy, Riadh, Chafik Hdider, Marcello S. Lenucci, Imen Tlili, e Giuseppe Dalessandro. «Antioxidant Activity and Bioactive Compound Changes during Fruit Ripening of High-Lycopene Tomato Cultivars». *Journal of Food Composition and Analysis* 24, n. 4–5 (giugno 2011): 588–95. <https://doi.org/10.1016/j.jfca.2010.11.003>.
- 10) Zhu, Ruyuan, Beibei Chen, Ying Bai, Tianyi Miao, Li Rui, Hao Zhang, Bingke Xia, et al. «Lycopene in Protection against Obesity and Diabetes: A Mechanistic Review». *Pharmacological Research* 159 (settembre 2020): 104966. <https://doi.org/10.1016/j.phrs.2020.104966>.
- 11) Yaping, Zhao, Yu Wenli, Hu Weile, e Yuan Ying. «Anti-Inflammatory and Anticoagulant Activities of Lycopene in Mice». *Nutrition Research* 23, n. 11 (novembre 2003): 1591–95. [https://doi.org/10.1016/S0271-5317\(03\)00177-5](https://doi.org/10.1016/S0271-5317(03)00177-5).
- 12) Caseiro, Mélanie, Andreia Ascenso, Ana Costa, Jack Creagh-Flynn, Melissa Johnson, e Sandra Simões. «Lycopene in Human Health». *LWT* 127 (giugno 2020): 109323. <https://doi.org/10.1016/j.lwt.2020.109323>.

13) Mustra Rakic, Jelena, e Xiang-Dong Wang. «Role of Lycopene in Smoke-Promoted Chronic Obstructive Pulmonary Disease and Lung Carcinogenesis». *Archives of Biochemistry and Biophysics* 689 (agosto 2020): 108439. <https://doi.org/10.1016/j.abb.2020.108439>.

14) Yin, Yimin, Zicong Zheng, e Zhuoqin Jiang. «Effects of Lycopene on Metabolism of Glycolipid in Type 2 Diabetic Rats». *Biomedicine & Pharmacotherapy* 109 (gennaio 2019): 2070–77.  
<https://doi.org/10.1016/j.biopha.2018.07.100>.

15) Xu, Jian, Yuanfang Li, e Hongyan Hu. «Effects of Lycopene on Ovarian Cancer Cell Line SKOV3 in Vitro: Suppressed Proliferation and Enhanced Apoptosis». *Molecular and Cellular Probes* 46 (agosto 2019): 101419. <https://doi.org/10.1016/j.mcp.2019.07.002>.

---