National Engineering College				
AI-Powered Nutrition Analyzer For Fitness Enthusiast				
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Sl.No	**Title**	**Author**	**Abstract**	**Conclusion**
1)	History of modern nutrition science - implications for current research, dietary guidelines, and food policy	Dariush Mozaffarian, dean1, Irwin Rosenberg, professor1, Ricardo Uauy, professor2 3	Although food and nutrition have been studied for centuries, modern nutritional science is surprisingly young. The first vitamin was isolated and chemically defined in 1926, less than 100 years ago, ushering in a half century of discovery focused on single nutrient deficiency diseases.	In this paper, we aimed to develop a practical deep learning based food recognition system for dietary assessment within the edge computing service infrastructure. The key technique innovation in this paper includes: the new deep learning-based food image recognition algorithms and the proposed real-time food recognition system employing edge computing service paradigm

2)	Artificial Intelligence in Nutrients Science Research	Jarosław Sak, Magdalena Suchodolska	Artificial intelligence (AI) as a branch of computer science, the purpose of which is to imitate thought processes, learning abilities and knowledge management, finds more and more applications in experimental and clinical medicine. In recent decades, there has been an expansion of AI applications in biomedical sciences	Human Nutrition & Metabolism is dedicated to stimulating and publishing research which focuses on the physiology and pathophysiology of nutrition and metabolism in humans. The journal publishes original papers, reviews, commentaries and opinion pieces in human nutritional and metabolic science to bridge the gap between preclinical and clinical work.
3)	Food Science and Nutrition	Noppon Choosri, Sathita Anprasertphon	Journal of Food Science and Nutrition is a multifaceted, an open access, scholarly journal that aims to publish scientific manuscripts based on food science, its application in the development of new dietary supplements, standardization of dietary regimes as well as finding solution for the growing concern of malnutrition and its adverse health implications	The Journal of Food Science and Nutrition is an interdisciplinary journal that incorporates directly and indirectly related aspects of the food industry.
4)	Vitamin C and scar strength: analysis of a historical trial and implications for collagen-related pathologies	Philippe P Hujoel, Margaux L A Hujoel	A double-blind controlled trial initiated in 1944 has led to the common narrative that a 10-mg daily vitamin C intake is adequate to prevent and treat impaired wound healing, and by inference, other	Vitamin C plays an important role in the synthesis of collagen, which constitutes ~30% to 40% of the whole-body protein content.

5)	Deep Learning-based Food Recognition System for Dietary	Chang Liu, Yu Cao, Senior Member, IEEE, Yan Luo, Member, IEEE, Guanling Chen, Member, IEEE, Vinod Vokkarane, Senior Member, IEEE, Yunsheng Ma, Songqing Chen, Member, IEEE, Peng Hou	Literature has indicated that accurate dietary assessment is very important for assessing the effectiveness of weight loss interventions. However, most of the existing dietary assessment methods rely on memory. development and system design	n this paper, we aimed to develop a practical deep learning based food recognition system for dietary assessment within the edge computing service infrastructure. The key technique innovation in this paper includes: the new deep learning-based food image recognition algorithms and the proposed real-time food recognition system employing edge computing service paradigm
6)	Nutrition Research	Richard S.Burno,PHD,RD	Nutrition Research publishes original research articles, communications, and reviews on basic and applied nutrition. The mission of Nutrition Research is to serve as the journal for global communication of nutrition and life sciences research on diet and health. The field of nutrition sciences includes, but is not limited to, the study of nutrients during growth, reproduction, aging, health, and disease.	Nutrient intakes in human populations and novel analytical techniques for bioactive compounds are within the scope of the mission for Nutrition Research.