

Publication list of Dr. Tanbir Ahmad

10	List of Research Publications: Where Thomson Reuters Impact Factor (Journal Citation Report (JCR)) of the journal is not available, NAAS Score is provided. The National Academy of Agricultural Sciences (NAAS) focuses on the broad field of agricultural sciences including crop husbandry, animal husbandry, fisheries, agro-forestry and interface between agriculture and agro-industry. The Academy's role is to provide a forum to Agricultural Scientists to deliberate on important issues of agricultural research, education and extension and present views of the scientific community as policy inputs to planners, decision/opinion makers at various levels. Accordingly, the Academy publishes rating/scoring of scientific research journals with the primary objective to bring uniformity in the evaluation of publications by the nominees for Fellowship/ Associateship by different Sectional Committees. This NAAS Score is followed throughout the India in Agricultural and Veterinary Science University	
	List of Publications	IF/NAAS Score (2022)
I	Ahmad, T., Ismail, A., Ahmad, S. A., Khalil, K. A., Awad, E. A., Leo, T. K., Imlan, J. C., & Sazili, A. Q. (2018). Characterization of gelatin from bovine skin extracted using ultrasound subsequent to bromelain pretreatment. <i>Food Hydrocolloids</i> , 80, 264-273.	9.15
II	Ahmad, T., Ismail, A., Ahmad, S. A., Khalil, K. A., Kumar, Y., Adeyemi, K. D., & Sazili, A. Q. (2017). Recent advances on the role of process variables affecting gelatin yield and characteristics with special reference to enzymatic extraction: A review. <i>Food Hydrocolloids</i> , 63, 85-96.	9.15
III	Ahmad, T., Ismail, A., Ahmad, S. A., Khalil, K. A., Leo, T. K., Awad, E. A., Adeyemi, K. D., & Sazili, A. Q. (2018). Autolysis of bovine skin, its endogenous proteases, protease inhibitors, and their effects on quality characteristics of extracted gelatin. <i>Food Chemistry</i> , 265, 1-8.	7.51
IV	Ahmad, T., Ismail, A., Ahmad, S. A., Khalil, K. A., Leo, T. K., Awad, E. A., Imlan, J. C., & Sazili, A. Q. (2018). Effects of ultrasound assisted extraction in conjugation with aid of actinidin enzyme on the molecular and physicochemical properties of bovine hide gelatin. <i>Molecules</i> , 23(4), 730; doi:10.3390/molecules23040730.	3.41
V	Ahmad, T., Ismail, A., Ahmad, S. A., Abdul Khalil, K., Awad, E. A., Akhtar, M. T., & Sazili, A. Q. (2021). Recovery of Gelatin from Bovine Skin with the Aid of Pepsin and Its Effects on the Characteristics of the Extracted Gelatin. <i>Polymers</i> , 13(10), 1554.	3.97
VI	Ahmad, T., Ismail, A., Ahmad, S. A., Khalil, K. A., Leo, T. K., Awad, E. A., & Sazili, A. Q. (2018). Physicochemical characteristics and molecular structures of gelatin extracted from bovine skin: Effects of actinidin and papain enzymes pretreatment. <i>International Journal of Food Properties</i> . 22 (1), 138–153.	2.73
VII	Ahmad, T., Ismail, A., Ahmad, S. A., Khalil, K. A., Kee, L. T., Awad, E. A., & Sazili, A. Q. (2020). Extraction, characterization and molecular structure of bovine skin gelatin extracted with plant enzymes bromelain and zingibain. <i>Journal of Food Science and Technology</i> , 57: 3772–3781.	2.70
VIII	Tanbir Ahmad, Yogesh Kumar and J. N. Singh (2018). Effect of frozen storage of goat meat on quality parameters stored in the form of chunk and mince in two packaging materials. <i>Indian Journal of Animal Research</i> . 52(5): 780-785.	0.44
IX	Tanbir Ahmad, Nilesh N. Gaikwad, Yogesh Kumar and Rahul K. Anurag (2016). Ergonomic Design and Development of Poultry Dressing Table for Hygienic Processing. <i>Journal of Agricultural Engineering</i> , 53 (3): 34-39.	4.79 (NAAS)

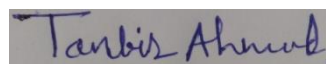
X	Ahmad T , Nilesh Gaikwad, Yogesh K, and Rahul K Anurag Kumar, R (2015). Correlation between some quality parameters and bleeding status of poultry meat. <i>Asian Journal of Dairy and Food Research</i> . 34 (4), 332-334.	5.75 (NAAS)
XI	Ahmad, T. , Gaikwad, N. N., Kumar, Y., & Anurag, R. K. (2017). Assessment of poultry dressing table layout with respect to workspace envelope. <i>Annals of Faculty Engineering Hunedoara– International Journal of Engineering</i> , 15(4), 141-148.	
XII	Gaikwad, N. N., Ahmad, T. , Yenge, G. B. & Singh, A (2017). Design, Development and Performance Evaluation of Fish Descaling Machine. <i>Fishery Technology</i> , 54: 273 – 278.	5.82 (NAAS)
XIII	Yogesh, K., Jha, S. N., & Ahmad, T. (2014). Antioxidant potential of aqueous extract of some food grain powder in meat model system. <i>Journal of food science and technology</i> , 51(11), 3446-3451.	2.70
XIV	Yogesh, K., Ahmad, T. , Manpreet, G., Mangesh, K., & Das, P. (2013). Characteristics of chicken nuggets as affected by added fat and variable salt contents. <i>Journal of food science and technology</i> , 50(1), 191-196.	2.70
XV	Kumar, Y., Kairam, N., Ahmad, T. , & Yadav, D. N. (2016). Physico chemical, microstructural and sensory characteristics of low fat meat emulsion containing aloe gel as potential fat replacer. <i>International journal of food science and technology</i> , 51(2), 309-316.	3.71
XVI	Kumar, Y., Yadav, D. N., Ahmad, T. , & Narsaiah, K. (2015). Recent trends in the use of natural antioxidants for meat and meat products. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 14(6), 796-812.	12.81
XVII	Imlan, J.C., Kaka, U.; Goh, Y.-M., Idrus, Z., Awad, E.A., Abubakar, A.A., Ahmad, T. , Nizamuddin, H.N.Q., & Sazili, A.Q (2020). Effects of slaughter knife sharpness on blood biochemical and electroencephalogram changes in cattle. <i>Animals</i> , 10, 579. (IF- 1.832)	2.75
XVIII	Imlan, J. C., Kaka, U., Goh, Y. M., Idrus, Z., Awad, E. A., Abubakar, A. A., Ahmad, T. , Quaza Nizamuddin, H.N. & Sazili, A. Q. (2021). Effects of Slaughter Positions on Catecholamine, Blood Biochemical and Electroencephalogram Changes in Cattle Restrained Using a Modified Mark IV Box. <i>Animals</i> , 11(7), 1979.	2.75
XIX	Muzaddadi, A. U., Ahmad, T. , & Nanda, S. K. (2017). Live table fish transportation-a means of innovative value addition in the fish retail markets of Ludhiana, Punjab. <i>Indian Journal of Fisheries</i> , 64 (Special Issue), 249-253.	0.50

Declaration

I declare that the information given above is true and correct to the best of my knowledge and belief and there is no vigilance/disciplinary proceedings are pending against me.

Date: 11/04/2023

Place: ICAR-IVRI, Bareilly



Signature of Applicant

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