


## Prof. Dr. Ir. Junaedi Muhidong, M.Sc.

Name	Prof. Dr. Ir. Junaedi Muhidong, M.Sc.		
Post	Food Processing		
Academic Career	<i>Doctorate Degree</i>	<i>University</i>	<i>Year</i>
	Food Processing	Mississippi State University, USA	1996
	<i>Magister Degree</i>	<i>University</i>	<i>Year</i>
	Food Processing	Mississippi State University, USA	1991
	<i>Bachelor Degree</i>	<i>University</i>	<i>Year</i>
Agricultural Engineering	Bogor Institute of Agriculture	1983	
Employment	Professor, Bachelor Programme of Agricultural Engineering, Faculty of Agriculture	Hasanuddin University	2014
Research and Development Projects Over the Last 5 Years	<i>Title of Research</i>	<i>Year</i>	<i>Funding</i>
	Kinetics of Changes in Vitamin C Content and Flavonoid Compounds of Mulberry Fruit During Sterilization by Ohmic Heating (Team Member)	2019-2021	Master to Doctoral Education for Excellent Graduates IDR. 60.000.000,- (€3529,4)
	Development of Coffee Processing Technology Through the Application of Ohmic Technology to Produce Premium Quality Coffee (Team Member)	2019-2021	Higher Education Excellence Applied Research
	The Evaluation of Voltage Gradient Effect During Sterilisation of Mulberry (Morus nigra) Juice using Ohmic Heating (Team Member)	2022	Internal funding from Hasanuddin University
	Microbiological and Chemical Study of 'Carbonic Maceration' Fermentation of Arabica Coffee Based on Ohmic Technology (Team Member)	2023	Ministry of Higher Education
Industry Collaborations Over the Last 5 Years	<i>Title</i>	<i>Year</i>	
	-	-	
Patents and Proprietary Rights	<i>Title</i>	<i>Year</i>	
	-	-	
Important Publications	<i>Title</i>	<i>Journal Name</i>	<i>Year/Vol/Number</i>

Over the Last 5 Years	Dimensional Change Pattern of Arabica Coffee Beans ( <i>Coffea arabica</i> ) During the Drying Process	Jurnal Agritechno	Vol. 12, No. 1, April 2019
	Analysis of the Effect of Temperature and Humidity of Room on Rice Seed Water Content in PT. Sang Hyang Seri (Persero)	Jurnal Agritechno	Vol. 12, No. 2, October 2019
	Physical Characteristics of Clove ( <i>Syzygium aromaticum</i> )	Jurnal Agritechno	Vol. 13, No. 1, April 2020
	Determination of Some Chemical Compounds of Bignay ( <i>Antidesma bunius</i> ) Fruit Juice	Food Science and Technology (SciELO)	41 (4) . Oct-Dec 2021
	Passive Drying of Yum Tuber Slices ( <i>Dioscorea alata</i> L.)	Jurnal Agritechno	Vol. 12, No. 2, October 2019
	Fermentation of Arabica Coffee Beans Using Ohmic Heating Technology in Producing Specialty Coffee	Pelita Tanaman (a Coffee and Cocoa Research Journal)	36 (3) 2020, 226—235
	Evaluation of Ohmic Heating for Sterilization of Berry-like Fruit Juice of Mulberry ( <i>Morus nigra</i> ), Bignay ( <i>Antidesma bunius</i> ), and Jambolana ( <i>Syzygium cumini</i> )	IOP Conference Series: Materials Science and Engineering	2021. 1034 : 012050.
	Degradation Kinetics of Anthocyanin, Flavonoid, and Total Phenol in Bignay ( <i>Antidesma bunius</i> ) Fruit Juice During Ohmic Heating	Food Science and Technology	Vol. 42, 64020, 2022
	Effect of Ohmic Heating on the Rheological Characteristics and Electrical Conductivity of Mulberry ( <i>Morus nigra</i> ) Puree	Polish Journal of Food and Nutrition Sciences	2021. 71(3) : 289–297
	Equilibrium Moisture Contents and Sorption Isotherms of Amorphophallus Konjac Tuber Slices	Canrea Journal: Food Technology, Nutritions, and Culinary Journal	2022. 2621.9468
	Passive Drying of Porang ( <i>Amorphophallus oncophyllus</i> ) Slices	AIP Conference Proceedings	2596, 050001 (2023)
	Socialization of Home Yard Land Utilization for Organic Vegetable Cultivation in Campaga Village, Tompobulu Subdistrict, Bantaeng Regency	Abdi Techno	Vol. 3, No. 2, July 2023
Activities in Specialist Bodies Over the Last 5 Years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	Indonesian Society of Agricultural Engineering (ISAE)	-	-
SINTA	<a href="https://sinta.kemdikbud.go.id/authors/profile/6023307">https://sinta.kemdikbud.go.id/authors/profile/6023307</a>		

