


Dr. Gemala Hardinasinta, S.TP

Name	Dr. Gemala Hardinasinta, S.TP		
Post	Food Processing Engineering		
Academic Career	<i>Doctorate Degree</i>	<i>University</i>	<i>Year</i>
	Agricultural Science	Hasanuddin University	2017-2021
	<i>Magister Degree</i>	<i>University</i>	<i>Year</i>
	-	-	-
	<i>Bachelor Degree</i>	<i>University</i>	<i>Year</i>
Agricultural Engineering	Hasanuddin University	2013-2017	
Employment	Lecturer, Bachelor Programme of Agricultural Engineering, Faculty of Agriculture	Hasanuddin University	2022-now
Research and Development Projects Over the Last 5 Years	<i>Title of Research</i>	<i>Year</i>	<i>Funding</i>
	The Evaluation of Voltage Gradient Effect During Sterilisation of Mulberry (<i>Morus nigra</i>) Juice using Ohmic Heating (Team Leader)	2022	Internal Research Funding for Beginner Researcher, Agricultural Faculty, Hasanuddin University IDR. 10.000.000,- (€600)
	Robusta Coffee Skin Potential as a Material for Cascara Tea (Team Leader)	2023	Internal Research Funding for Beginner Researcher, Agricultural Faculty, Hasanuddin University IDR. 25.000.000,- (€1500)
	Utilization of Sago as a Nutritional Complementary for Athlete (Team member)	2024	Research and Community Development Center Hasanuddin University
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 Over the Last 5 Years	<i>Title</i>	<i>Journal Name</i>	<i>Year/Vol/Number</i>
	Determination of Some Chemical Compounds of Bignay (<i>Antidesma bunius</i>) Fruit Juice	Food Science and Technology (SciELO)	41(4): 974-979, Oct.-Dec. 2021
	Ohmic Heating Characteristics and Degradation Kinetics of Anthocyanin in Mulberry Juice	IOP Conference Series: Earth and Environmental Science	2019/Vol 355
	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</i>	Food Science and Technology (SciELO)	2021. 2061 : 1-11.

	<i>bunius</i>) Fruit Juice during Ohmic Heating		
	Effect of Ohmic Heating on the Rheological Characteristics and Electrical Conductivity of Mulberry (<i>Morus nigra</i>) Puree	Polish J. Food Nutr. Sci.	2021. 71(3) : 289–297
Activities in Specialist Bodies Over the Last 5 Years	<i>Organisation</i>	<i>Role</i>	<i>Period</i>
	Indonesian Society of Agricultural Engineering (ISAE)	Member	2018 - now
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=57212406448		