

CURRICULUM VITAE

A. Personal Data

1.	Full Name (Degree)	Dr. Yudhistira Nugraha, SP. M.P.
2.	Employee ID Number (if any)	197608072002121001
3.	ID Number	3201290708760013
4.	Place and Date of Birth	Sumedang, 7 August 1976
5.	Institution	Research Center for Food Crops, Research Organization for Agriculture and Food, National Research and Innovation Agency (BRIN)
6.	Position	Head of Research Center for Food Crops/Researcher
7.	Expertise	Rice breeding and genetic, physiology stress of rice plant
8.	Office Address	BRIN KST Soekarno Jalan Raya Jakarta-Bogor KM 46 Bogor, Jawa Barat, Indonesia 16911
9.	Adress (according to ID Card)	Komplek G-Land Ciganitri Residency No. 7 RT 005/012 Lengkong, Bojongsoang, Bandung, Jawa Barat, Indonesia 40287
10.	Email	yudh018@brin.go.id; yudhistira.nugraha@gmail.com
11.	Cell Phone Number (WhatsApp)	+6282126253626

B. Formal Education

Education Level	University/College	Majoring	Graduation year
Bachelor	Universitas Jenderal Soedirman	Plant Breeding	1999
Master	Universitas Padjadjaran	Plant Breeding	2010
Doctor	IPB University	Plant Breeding and Biotechnology	2016

C. History of Research Activities

No.	Year	Funding Agency	Title/Research Topic
1	2001 - 2007	Ministry of Agriculture Republic Indonesia	Hybrid Rice Breeding
2	2007 - 2020	Ministry of Agriculture Republic Indonesia	Rice Breeding for Swampy Area
3	2010-2012	International Rice Research Institute	Improving of Livelihood Drought Prone Lowland in South East Asia
4	2019	Ministry of Agriculture Republic Indonesia	Multilocation Yield Trials of Rice Genotypes
5	2021	Ministry of Agriculture Republic Indonesia	Multi-environment Trials IRRI
6	2020-2021	PRN-RISTEK BRIN	Increasing productivity in the swampy and coastal areas through supporting appropriate technology efficiently and environmentally friendly
7	2020-2021	PRN-RISTEK BRIN	Rice Breeding for swampy and coastal areas tolerant to abiotic stresses and high yielding
8	2021	Ministry of Agriculture Republic Indonesia	Rice Breeding for high yielding (> 10 t/ha)
9	2021	Ministry of Agriculture Republic Indonesia	Optimizing of Utilization High Productivity Rice Field
10	2022-2023	BRIN	Phenotypic and Molecular Selection of Rice Genotypes for multi-stress tolerance
11	2022-2023	BRIN	Development of Cowpea (<i>Vigna unguiculata</i> L. Walp) to Substitute Soybean Imports: Molecular Selection for Drought Tolerance in the Germination Stage
12	2022-2023	Local Government of Katingan, Central Kalimantan	Releasing local rice varieties
13	2023	Local Government of Bekasi, West Java	Food self-sufficient village study in Bekasi Distric
14	2023	BRIN	Development of Rice Varieties for High Productivity (> 10 t/ha) Through the Selection of DNA Markers and High Throughput Phenotyping

No.	Year	Funding Agency	Title/Research Topic
15	2023	JIRCAS	Development and promotion of rice breeding materials for blast in Indonesia
16	2023	JIRCAS	Development of technologies and genetic materials for nitrogen utilization in Indonesia

D. Intellectual Property Rights (IPR)

No.	IPR	Title	Year	Status
1.	Hybrid Rice Variety	Hipa 3	2003	Granted
2.	Hybrid Rice Variety	Hipa 4	2004	Granted
3.	Hybrid Rice Variety	Hipa 5 Ceva	2007	Granted
4.	Hybrid Rice Variety	Hipa 6 Jete	2007	Granted
5.	Irrigated Rice Variety	Inpari 29 Rendaman	2012	Granted
6.	Irrigated Rice Variety	Inpari 30 Ciherang Sub1	2012	Granted
7.	Irrigated Rice Variety	Inpari 38 Tadah Hujan Agritan	2015	Granted
8.	Irrigated Rice Variety	Inpari 39 Tadah Hujan Agritan	2015	Granted
9.	Swampy Rice Variety	Inpara 7	2012	Granted
10.	Swampy Rice Variety	Inpara 8	2014	Granted
11.	Swampy Rice Variety	Inpara 9	2014	Granted
12.	Swampy Rice Variety	Purwa	2018	Granted
13.	Irrigated Rice Variety	Inpari Arumba	2020	Granted
14.	Irrigated Rice Variety	Inpari 47 WBC	2020	Granted
15.	Swampy Rice Variety	Inpara 11 Siam Hizinc	2022	Granted
16.	Swampy Rice Variety	Inpara 12 Mayas	2022	Granted
17.	Irrigated Rice Variety	Inpari VTE 13	2022	Granted
18.	Irrigated Rice Variety	BK Situbondo 01 Agritan	2023	Granted

E. Publications (International Journal)

No.	Title	Author	Year	Digital Object Identifier (DOI)
1	Application of indigenous zinc-solubilizing bacteria in biofertilizers to enhance zinc nutrition of rice grains in inceptisols paddy fields	E. Pratiwi P. Lestari Y. Nugraha W. Hartatik Z. Susanti I.G.M. Subiksa A. Kasno T.A. Adriany Y.S. Fatma A.F. Nababan A.A. Rivaie	2024	https://doi.org/10.22034/gjesm.2024.04.17
2	Rubber-Based Agroforestry Systems Associated with Food Crops: A Solution for Sustainable Rubber and Food Production?	Andi Nur Cahyo, Ying Dong, Taryono, Yudhistira Nugraha, Junaidi, Sahuri, Eric Penot, Aris Hairmansis, Yekti Asih Purwestri, Andrea Akbar, Hajar Asywadi, Risal Ardika, Nur Eko Prasetyo, Dwi Shinta Agustina, Taufan Alam, Fetrina Oktavia, Siti Subandiyah and Pascal Montoro	2024	https://doi.org/10.3390/agriculture14071038
3	Fe toxicity tolerance is advantageous in rice growth recovery after Fe stress alleviation	Riku Fujimoto, Haruka Aratani, Indrastuti A. Rumanti, Yudhistira Nugraha, Takehiro Kamiya, Yuji Yamasaki, Yoichiro Kato	2024	https://doi.org/10.1002/jpln.202400206
4	Biological control of downy mildew <i>Peronosclerospora</i> spp. L. by application of endophytic agents in corn	Djaenuddin, N. , Yusnawan, E. , Nugraha, Y. , Nasruddin, A. , Kuswinanti, T.	2024	https://doi.org/10.1080/09583157.2024.2395878
5	Deciphering genetic-by-environment interaction, pests and disease's reaction, grain quality, and response to fertilizer for targeting high-yielding rice varieties	T. Sitaresmi, Nafisah, U. Susanto, Rahmini, Y. Widyastuti, B. Kusbiantoro, M.I. Wahab, A. Hairmansis, Y. Nugraha	2023	Ecological Genetics and Genomics https://doi.org/10.1016/j.egg.2023.100189
6.	Advances in the development of rice varieties with better nutritional quality in Indonesia	T. Sitaresmi, A. Hairmansis, Y. Widyastuti, Rachmawati, U. Susanto, B.P. Wibowo, M.L. Widiastuti, I.A. Rumanti, W.B. Suwarno, Y. Nugraha	2023	Journal of Agriculture and Food Research https://doi.org/10.1016/j.jafr.2023.100602
7.	Land Cover Change and Food Security in Central Sumba:	Y. Ngongo, B. deRosari, T. Basuki, G.	2023	MDPI

No.	Title	Author	Year	Digital Object Identifier (DOI)
	Challenges and Opportunities in the Decentralization Era in Indonesia	N. Njurumana, Y. Nugraha , A.H. Harianja, M. Ardha, K. Kustiyo, R. Shofiyati, R.B. Heryanto, J. Bernedi M. Rawung, J. O. M. Sondakh, R.E. Senewe, H. daSilva, R.T.P. Hutapea, P.R. Mattitaputty, Y.P. Kenduballa, N.R.E. Kotta, Y. L. Seran, D.K. Hau, D. Oktaviani, and Hunggul Y.S.H. Nugroho		https://doi.org/10.3390/land12051043
8.	Bioactive compound profile and their biological activities of endogenous black rice from Java and East Nusa Tenggara	Fatchiyah, Anna Safitri, Christine Natalia Palis, Dewi R. T. Sari, E. Suyanto, S. Fajriani, N. Kurnianingsih, Y. Nugraha , T. Sitaresmi, Bram Kusbianoro & James Robert Ketudat-Cairns	2023	CyTA - Journal of Food https://doi.org/10.1080/19476337.2023.2173306
9.	Tolerance of Irrigated Lowland Rice Varieties To Iron Toxicity Under Nutrient Solution As Measured By A Digital Image Processing.	T. Sitaresmi, E.H. Hotimah, R.H. Wening, Indrastuti A. Rumanti, and Y. Nugraha	2022	http://dx.doi.org/10.21082/ijas.v.23.n2.2022.p.38-47
10.	Improved Rice Varieties Developed for High-Altitude Tropical Upland Areas of Indonesia	A. Hairmansis, Y. Yullianida, S. Supartopo, A. Yusuf, R. Hermanasari, A.P. Lestari, N. Nafisah, S. Santoso, A. Nasution, Y. Nugraha , H. Sembiring, P. Sasmita, S. Suwarno	2021	International Journal on Advanced Science Engineering and Information Technology 11(4):1606 DOI: 10.18517/ijaseit.11.4.13488
11.	The Effect of Anthocyanin of Whole-Grain Pigmented Rice Attenuated Visceral Fat, Cholesterol, LDL and PPAR γ Gene Cascade in Dyslipidemia	Fatchiyah, A. Safitri, R. N. Rohmah, L. F. Triprisila, N. Kurnianingsih, Y. Nugraha , S. Fajriani, H. N. Meidinna, J. K. Robert-Cairns.	2020	Rat. Sys Rev Pharm 2020;11(10):318-327
12.	Comprehensive stability analysis of rice genotypes through multi-location yield trials using PBSTAT-GE	T Sitaresmi, WB Suwarno, C. Gunarsih, Nafisah, Y. Nugraha ,	2019	<i>SABRAO J Breed Genet</i> 51: 355-372

No.	Title	Author	Year	Digital Object Identifier (DOI)
		P. Sasmita, AA Daradjat		
13.	Development of tolerant rice varieties for stress-prone ecosystems in the coastal deltas of Indonesia.	I.A. Rumanti, I. A., A. Hairmansis, A., Y. Nugraha , U. Susanto, P. Wardana, Subandiono, R. E., & Johnson, D. E.	2018	Field Crops Research, 223, 75-82
14.	Nutrient culture media with agar is effective for early- and rapid-screening of iron toxicity tolerant in rice	Y. Nugraha , SW. Ardie, M. Ghulamahdi, Suwarno, and H. Aswidinnoor	2016	J. Crop Sci Biotech doi: 10.1007/s12892-015-0075-z
15.	Markers–traits association for iron toxicity tolerance in selected Indonesian rice varieties	Y. Nugraha , SW. Ardie, M. Ghulamahdi, Suwarno, and H. Aswidinnoor	2016	J. Biodiversitas. 17(2):753-763 doi:10.13057/biodiv/d170251
16.	Generation mean analysis of leaf bronzing associated with iron toxicity in rice seedlings using digital imaging methods	Y Nugraha , SW. Ardie, M. Ghulamahdi. Suwarno, and H. Aswidinnoor	2016	SABRAO Journal of Breeding and Genetics. 48(4): 453-464
17.	Implication of gene action and heritability under stress and control conditions for selection iron toxicity tolerant in rice	Y Nugraha , SW. Ardie, M. Ghulamahdi, Suwarno., and H. Aswidinnoor	2016	Agrivita 38(3): 282-295. doi: 10.17503/agrivita.v38i3.740
14.	Development of high-yielding rice varieties suitable for swampy lands in Indonesia.	I.A. Rumanti, Y Nugraha , R.H. Wening, Z.J.C. Gonzaga, A. Nasution, D. Kusdianan, & E.M. Septiningsih	2016	Plant Breeding and Biotechnology 4(4): 413-425
18.	Accelerating the development of new submergence tolerant rice varieties: the case of Ciherang-Sub1 and PSB Rc18-Sub1	E.M. Septiningsih, N. Hidayatun, D.L. Sanchez, Y. Nugraha , J. Carandang, AM. Pamplona, BCY Collard, A.M. Ismail, and D.J. Mackill	2015	Euphytica, 202(2), 259-268.
19.	Variation in tolerance of rice to long-term stagnant flooding that submerges most of the shoot will aid in breeding tolerant cultivars	G.V. Vergara, Y. Nugraha , M.Q. Esguerra, D.J. Mackill, & A.M. Ismail	2014	AoB Plants, 6;doi:10.1093/aobpla/plu055. www.aobplants.oxfordjournals.org

