

2017 International Publication Awardees
Publications (Journal Articles and Conference Papers) during the Previous Years
UP LOS BAÑOS
(as of 31 December 2017)

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
1	Agriculture	Boguero, Aaron Paul B. Parducho, Mark Anthony L. Mendoza, Mariecris Rizalyn DR. Abustan, Mary Ann M. Lalusin, Antonio G.	Molecular Screening of Abaca (<i>Musa textilis</i> Nee) Accessions Using Microsatellite Markers Associated With Resistance To Bunchy Top Virus	<i>Philippine Journal of Crop Science</i> , 41 (2): 11-18, August 2016
2	Agriculture	Collado, Lilia	Physicochemical and Functional Properties of <i>Caryota urens</i> Flour as Compared to Wheat Flour	<i>International Journal of Food Science and Technology</i> , 51 (12): 2647–2653, December 2016
3	Agriculture	Corpuz-Raros, Leonila	Contribution to the Knowledge of the Oribatid Mite Genus <i>Microzetes</i> (Acari, Oribatida, Microzetidae)	<i>Acarologia</i> , 56 (4): 573-585, 2016
4	Agriculture	Del Carmen, Dormita R. Espigol, Ana Mithuzela D. Nuevo, Perlita A. Masilungan, Gloria D.	Morphological and Physico-Chemical Characteristics of "Red Creole" <i>Allium cepa</i> L. in Three Production Areas in the Philippines	<i>Philippine Journal of Crop Science</i> , 41 (2): 1-7, December 2016
5	Agriculture	Delfin, Evelyn F. Ocampo, Eureka Teresa M. dela Cueva, Fe M. Damasco, Olivia P. Gueco, Lavernee S.	Response of Wild and Edible <i>Musa</i> spp. Seedlings to Limiting Moisture Stress	<i>Philippine Journal of Crop Science</i> , 41 (3): 1-12, December 2016

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6	Agriculture	Hautea, Desiree M. Taylo, Lourdes D. Masanga, Anna Pauleen L. Sison, Maria Luz J.	Field Performance of Bt eggplants (<i>Solanum melongena</i> L.) in the Philippines: Cry1Ac Expression and Control of the Eggplant Fruit and Shootborer (<i>Leucinodes orbonalis</i> Guenee)	<i>PLoS ONE 11 (6): e0157498, 22 pages, June 2016</i>
7	Agriculture	Hautea, Desiree M. Taylo, Lourdes D. Navasero, Mario V.	'Sikat' and 'Sulit', New F1 Hybrid Varieties of Eggplant (<i>Solanum melongena</i> L.)	<i>Philippine Journal of Crop Science, 41 (2): 46-54, August 2016</i>
8	Agriculture	Mendoza, Mariecris Rizalyn R. Abustan, Mary Ann M. Villa, Neilyn O. Dela Viña, Celia B. Lalusin, Antonio G.	Assessment of the Genetic Diversity of the Cassava (<i>Manihot esculenta</i> Crantz) Germplasm Collection in the University of the Philippines Los Baños (UPLB) using Morphological Characters and Simple Sequence Repeat (SSR) Markers	<i>Philippine Agricultural Scientist, 99 (3): 142-149, September 2016</i>
9	Agriculture	Navasero, Marcela M. Calumpang, Susan May F. Casas, Maria Josefina S.	Emissions of Volatile Organic Chemicals of Brown Seaweed, <i>Sargassum cinctum</i> J. Agardh (Sargaceae) in Relation to Behavior, Larval Development, Fecundity and Longevity of the Asian Corn Borer, <i>Ostrinia furnacalis</i> (Guenee) (Lepidoptera:Crambidae)	<i>Journal of the International Society for Southeast Asian Agricultural Sciences, 22 (2): 98-106, December 2016</i>
10	Agriculture	Navasero, Mario V. Candano, Randolph N. Hautea, Desiree M.	Assessing Potential Impact of Bt Eggplants on Non-Target Arthropods in the Philippines	<i>PLoS One, 11 (10): e0165190, 17 pages, October 2016</i>
11	Agriculture	Ong, Socheath Sta. Cruz, Filomena C.	Effect of Exogenous Application of Salicylic Acid on the Severity of Tomato Leaf Curl Disease	<i>Journal of the International Society for Southeast Asian Agricultural Sciences, 22 (1): 137-145, January 2016</i>

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12	Agriculture	Rasco, Jhun Laurence S. Mendoza, Mariecris Rizalyn R. Abustan, Mary Ann M. Lalusin, Antonio G.	Molecular Characterization of Taro [<i>Colocasia esculenta</i> (L.) Schott] using Microsatellite Markers	<i>Philippine Journal of Crop Science</i> , 41 (3): 65-73, December 2016
13	Agriculture	Saracanlao, Rachel Jellan R. Ocampo, Eureka Teresa M. Canama, Alma O. Manaday, Sarah Jane B. Maghirang, Rodel G. Delfin, Evelyn F.	SSR-based Genetic Relationship in Eggplant (<i>Solanum melongena</i>) Genotypes with Varying Morphological Response to Drought	<i>Philippine Journal of Crop Science</i> , 41 (3): 57-64, December 2016
14	Agriculture	Sumague, Ma. Josie V. Tan, Wilson T. Santiago, Dennis Marvin O. Flores, Floirendo P. Algar, Ara Fatima C. Mopera, Lotis E. Collado, Lilia S.	Physico-Chemical Composition and Functional Properties of Native Chicken Meats	<i>Philippine Journal of Science</i> , 145 (4): 357-363, Decemebr 2016
15	Agriculture	Villegas-Pangga, Gina Paningbatan, Eduardo Jr. P.	Effects of Increased Temperatures and Rice Straw Incorporation on Methane and Nitrous Oxide Emissions in a Greenhouse Experiment with Rice	<i>European Journal of Soil Science</i> , 67 (6): 868-880, November 2016
16	Agriculture	Zamora, Oscar B.	Carbon Storage of Corn-Based Cropping Systems in Isabela, Philippines	<i>Philippine Journal of Crop Science</i> , 41 (3): 20-29, December 2016
17	Agriculture & CPAf	Pangga, Ireneo B. Baconguis, Rowena DT. Cumagun, Christian Joseph R.	Occurrence of <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4 and Other Genotypes in Banana in South-Central Mindanao, Philippines	<i>Philippine Agricultural Scientist</i> , 99 (4): 370-378, December 2016

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18	CAS	Aguila, Mae Joanne B.	Heterogeneous Hydrogenation of Esters under Mild Conditions using Solid-Supported Phosphorus–Ruthenium Catalysts	<i>ChemCatChem</i> , 8 (11): 1896–1900, 7 June 2016
19	CAS	Almanza, Dustin Loren V. Garcia, Maria Carmela T. Herrera, Marvin U.	Visible Light Photocatalytic Activity of Zinc Oxide-Copper Oxide Composites	<i>Key Engineering Materials</i> , 705: 385-389, 2016
20	CAS	Cervancia, Cleofas R. Polintan, Elmer A. Dupo, Aimee Lynn B. Locsin, Anna A.	Current Status of Small Hive Beetle Infestation in the Philippines	<i>Journal of Apicultural Research</i> , 55 (1): 74-77, 2016
21	CAS	Jumawan. Jess H. Buot, Inocencio Jr. E.	Numerical Taxonomic Analysis in Leaf Architectural Traits of Some <i>Hoya</i> R. Br. Species (Apocynaceae) from Philippines	<i>Bangladesh Journal of Plant Taxonomy</i> , 23 (2): 199-207, December 2016
22	CAS	Madrid, Val Randolph M. Lactuan, Lei Kristoffer	Exploring Utility of Formal Concept Analysis Approach to Coral Reef Assessment	<i>Journal of Environmental Science and Management, Special Issue 2</i> : 47-57, 2016
23	CAS	Magcale-Macandog, Damasa Zafaralla, Macrina T. Cadiz, Nina M.	A River Health Status Model Based on Water on Quality, Macroinvertebrates and Land Use for Niyugan River, Cabuyao City, Laguna, Philippines	<i>Journal of Environmental Science and Management</i> , 19 (2): 38-53, December 2016
24	CAS	Palis, Florencia G.	Bringing Farmer Knowledge and Learning into Agricultural Research: How Agricultural Anthropologists Transformed Strategic Research at the International Rice Research Institute	<i>Culture, Agriculture, Food and Environment</i> , 38 (2): 123-130, 1 December 2016

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25	CAS	San Pascual, Joseph Carmelo K. Sabularse, Veronica C. Castillo-Israel, Katherine Ann T. Serrano, Edralina P.	Efficacy of Nata De Coco-Carboxymethyl Cellulose-Based Composite Coating on the Storage Quality of Calamundin [xCitrofortunella microcarpa (Bunge) Wijnands] Fruits	<i>International Food Research Journal</i> , 23 (5): 1902-1910, 2016
26	CAS	Villanueva, Anthony Allan D.	Mass-Dependent Arrival Time Density of a Ballistic Particle at the Turning Point	<i>Philippine Journal of Science</i> , 145 (4): 385-393, December 2016
27	CAS & CFNR	Reaño, Consorcia E. Lansigan, Felino P. Panopio, Rolando G. Bantayan, Nathaniel C.	Using Genetic Algorithm Neural Network on Near Infrared Spectral Data for Ripeness Grading of Oil Palm (<i>Elaeis guineensis</i> Jacq.) Fresh Fruit	<i>Information Processing in Agriculture</i> , 3 (4): 252-261, 1 December 2016
28	CAS & CFNR	Reaño, Consorcia E. Lansigan, Felino P. Panopio, Rolando G. Bantayan, Nathaniel C.	Linear Discriminant Analysis vs Genetic Algorithm Neural Network with Principal Component Analysis for Hyperdimensional Data Analysis: A study on Ripeness Grading of Oil Palm (<i>Elaeis guineensis</i> Jacq.) Fresh Fruit	<i>Philippine Statistician</i> , 65 (2): 107-120, 2016
29	CAS & CHE	Recuenco, Mariam C. Lacsamana, Marivic S. Hurtada, Wilma A. Sabularse, Veronica C.	Total Phenolic and Total Flavonoid Contents of Selected Fruits in the Philippines	<i>Philippine Journal of Science</i> , 145 (3): 275-281, September 2016
30	CAS & SESAM	Khan, Concepcion L. Nacorda, Hildie Marie E.	Support Vector Machine for Seagrass and Benthic Bottom Types Classification using High Resolution Coastal Digital Aerial Images	<i>Far East Journal of Electronics and Communications</i> , 16 (2): 69-76, June 2016
31	CEAT	Ella, Victor B.	Simple Hydrologic Model for Predicting Streamflow in Small Watersheds for Irrigation System Planning	<i>International Agricultural Engineering Journal</i> , 25 (4): 1-13, December 2016

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32	CEAT	Ventura, Jey-R S.	Investigation of the Photoheterotrophic Hydrogen Production of <i>Rhodobacter sphaeroides</i> KCTC 1434 using Volatile Fatty Acids under Argon and Nitrogen Headspace	<i>American Journal of Environmental Sciences</i> , 12 (6): 358-369, 2016
33	CEAT & CFNR	Ella, Victor B. Bantayan, Nathaniel C.	Hydrologic Impact Evaluation of Land Use and Land Cover Change in Palico Watershed, Batangas, Philippines Using the SWAT Model	<i>Journal of Environmental Science and Management</i> , 19 (1): 96-107, June 2016
34	CEAT & Engineering (UPD)	Sundo, Marloe B. Vergel, Karl N. Sigua, Ricardo G. Regidor, Jose Regin F.	Methods of Estimating Energy Demand and CO2 Emissions for Inter-Regional Road Transport	<i>International Journal of GEOMATE</i> , 11 (23): 2182-2187, July 2016
35	CEM	Piadozo, Ma. Eden S. Pabuayon, Isabelita M.	Cost of Organic Certification in the Philippines: Boone or Bane to Organic Farmers?	<i>Journal of the International Society for Southeast Asian Agricultural Sciences</i> , 22 (2): 107-118, December 2016
36	CEM	Yorobe, Jose Jr. M.	Yield and Income Effects of Rice Varieties with Tolerance of Multiple Abiotic Stresses: The Case of Green Super Rice (GSR) and Flooding in the Philippines	<i>Agricultural Economics</i> , 47 (3): 261–271, May 2016
37	CEM & CAS	Sumalde, Zenaida M. Palis, Florencia G.	Effects of Alternate Wetting and Drying on Rice Farming in Bohol, Philippines	<i>Philippine Journal of Crop Science</i> , 41 (3): 50-56, December 2016
38	CEM, SESAM & CFNR	Ureta, Julie Carl P. Sajise, Asa Jose U. Calderon, Margaret M.	A Ridge-to-Reef Ecosystem-Based Valuation Approach to Biodiversity Conservation in Layawan Watershed, Misamis Occidental, Philippines	<i>Journal of Environmental Science and Management</i> , 19 (2): 64-75, December 2016

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39	CFNR	Malabrigo, Pastor Jr. L. Umali, Arthur Glenn A.	Damage Assessment and Recovery Monitoring of the Mangrove Forests in Calauit Island Affected by Typhoon Yolanda (Haiyan)	<i>Journal of Environmental Science and Management, Special Issue 2: 39-6, 2016</i>
40	CFNR	Pulhin, Juan M.	Timber Regulation and Value Chain in Community-Based Timber Enterprise and Smallholder Forestry in the Philippines	<i>Forests, 7 (8): 152, 18 pages, 2016</i>
41	CFNR	Pulhin, Juan M. Dizon, Josefina T. Camacho, Leni D.	Impacts of Community-Based Forest Management Policies Implemented by a Local Forest Institution: A Case Study from Bayombong, Nueva Vizcaya, Philippines	<i>Small-scale Forestry, 15 (3): 335–355, September 2016</i>
42	CFNR & SESAM	Torres, Alfie M. Pulhin, Florencia B. Tiburan, Cristino Jr. L. Eslava, Decibel F.	Modeling Future Spatial Distribution of <i>Shorea palosapis</i> (Blanco) Merr and <i>Shorea polysperma</i> (Blanco) Merr in Northern Sierra Madre Natural Park Using Maxent	<i>Journal of Environmental Science and Management, Special Issue 1: 15-30, 2016</i>
43	CHE	Malenab, Ma. Charisma T. Visco, Emilia S. Geges, Dhino B. Amparo, Jennifer Marie S. Torio, Diana A. Jimena, Carla Edith G.	Analysis of the Integrated Water Resource Management in a Water Quality Management Area in the Philippines: The Case of Meycauayan-Marilao-Obando River System	<i>Journal of Environmental Science and Management, 19 (2): 84-98, December 2016</i>
44	CPAf	Brillo, Bing Baltazar C.	Development of a Small Lake: Ecotourism Enterprise for Pandin Lake, San Pablo City, Philippines	<i>Lakes and Reservoirs: Research and Management, 21 (4): 284-292, 1 December 2016</i>
45	CPAf	Brillo, Bing Baltazar C.	The Case of Yambo lake of San Pablo City, Nagcarlan and Rizal, Laguna, Philippines	<i>Social Sciences, 11 (23): 5693-5702, 2016</i>

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46	CPAf	Dizon, Josefina T.	Farmers' Participation in Integrated Pest Management Under the Palayamanan Program in Camarines Sur, Philippines	<i>Philippine Journal of Crop Science</i> , 41 (3): 40-49, December 2016
47	CVM	Abalos, Jovencio Hubert A. Gicana, Karlo Romano G. Brobio, Exequiel F. Addatu, Marianne Jane B.	Anesthetic and Cardiopulmonary Effects of Intravenous Tiletamine--Zolazepam With or Without Xylazine in Goats (<i>Capra hircus</i>)	<i>Philippine Journal of Veterinary Medicine</i> , 53 (2): 118-125, July-December 2016
48	CVM	Acorda, Jezie A. Constante, Jesalyn L. Rayos, Antonio A. Pajas, Arville Mar Gregorio A.	Two-dimensional and M-mode Ultrasonographic Features of the Heart of Lactating Crossbred Dairy Cattle	<i>Philippine Journal of Veterinary Medicine</i> , 53 (3): 1-9, 2016
49	CVM	Dela Cruz, Joseph	Increased Adipocyte Differentiation May be Mediated By Extracellular Calcium Levels Through Effects on Calreticulin and Peroxisome Proliferator Activated Receptor Gamma Expression in Intramuscular Stromal Vascular Cells Isolated from Hanwoo Beef Cattle	<i>Italian Journal of Animal Science</i> , 15 (2): 256-263, June 2016
50	CVM	Eduardo, Salcedo L.	New Feather Mites of the Genera <i>Neocalaobia</i> and <i>Hyomesalges</i> (Acari) from the Palawan Hornbill (<i>Anthracoseros marchei</i> Oustalet, 1885) (Coraciiformes: Bucerotidae) in the Philippines	<i>Philippine Journal of Veterinary Medicine</i> , 53 (2): 103-111, July-December 2016

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51	CVM	Lastica-Ternura, Emilia A. Acorda, Jezie A. Pajas, Arville Mar Gregorio A.	Ultrasonographic Features of the Heart and Lungs of Captive Reticulated Pythons (<i>Python reticulatus</i> , Schneider 1801) (Reptilia: Squamata: Pythonidae) with Granulomatous Pneumonia and Myocarditis	<i>Philippine Journal of Veterinary Medicine</i> , 53 (2): 88-95, 2016
52	CVM	Lastica-Ternura, Emilia A. Ty, Maria Sofiea C. Umali, Dennis V.	Serological and Molecular Detection of Newcastle Disease Virus from Captive Raptors in a Wildlife Rescue Center in the Philippines	<i>Philippine Journal of Veterinary Medicine</i> , 53 (2): 96-102, July-December 2016
53	CVM	Palou, Samantha Alexis L. Pajas, Arville Mar Gregorio A. Acorda, Jezie A.	M-mode Echocardiographic Measurements and Values in Male and Female Philippine Native Horses (<i>Equus ferus caballus</i>)	<i>Philippine Journal of Veterinary Medicine</i> , 53 (2): 79-87, 2016
54	CVM	Paraso, Michelle Grace V. Desamero, Mark Joseph M. Bariuan, Jussiaea Estacio, Maria Amelita C.	Effects of Consumption of Tilapia (<i>Oreochromis niloticus</i>) and Walking Catfish (<i>Clarias batrachus</i>) from Laguna de Bay On the Uterus of Ovariectomized ICR Mouse	<i>Philippine Journal of Veterinary Medicine</i> , 53 (1): 34-43, 2016
55	CVM	Vicenal, Joveth L. Maala, Ceferino P. Ducusin, Rio John T.	Histology, Morphometry and Morphology of Papillae in the Ventral Sac of the Rumen of Neonatal Dairy Calves (<i>Bos taurus</i> Linnaeus) Fed Different Types of Diets	<i>Philippine Journal of Veterinary Medicine</i> , 53 (2): 68-78, 2016
56	MNH	Alviola, Phillip A.	The Mammals of Mt. Amuyao: A Richly Endemic Fauna in the Central Cordillera of Northern Luzon Island, Philippines	<i>Mammalia</i> , 80 (6): 579-592, November 2016

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57	MNH & Science (UPD)	Alviola, Phillip A. Duya, Melizar V. Duya, Mariano Roy M.	Archboldomys (Muridae: Murinae) Reconsidered: A New Genus and Three New Species of Shrew Mice from Luzon Island, Philippines	<i>American Museum Novitates</i> , 3754: 1-60, 14 September 2012
58	MNH & CAS	Alvarez, James D. V. Lit, Ireneo Jr. L. Alviola, Phillip A. Cosico, Edison A. Eres, Eduardo G.	A Contribution to the Ectoparasite Fauna of Bats (Mammalia: Chiroptera) in Mindoro Island, Philippines: I. Blood Sucking Diptera (Nycteribiidae, Streblidae) and Siphonaptera (Ischnopsyllidae)	<i>International Journal of Tropical Insect Science</i> , 36 (4): 188-194, December 2016
59	MNH & CAS	Lucañas, Cristian C. Lit, Ireneo Jr. L.	<i>Cockroaches</i> (Insecta, Blattodea) from Caves of Polillo Island (Philippines), with Description of a New Species	<i>Subterranean Biology</i> , 19 (1): 51-64, 28 September 2016
60	SESAM & CAS	Limates, Vilma G. Cuevas, Virginia C.	Phytoplankton Abundance and Distribution in Selected Sites of Boracay Island, Malay, Aklan, Central Philippines	<i>Journal of Environmental Science and Management, Special Issue 2: 1-14, 2016</i>
61	SESAM & CAS	Limates, Vilma G. Cuevas, Virginia C.	Water Quality and Nutrient Loading in the Coastal Waters of of Boracay Island, Malay, Aklan, Central Philippines	<i>Journal of Environmental Science and Management, Special Issue 2: 15-29, 2016</i>
62	SESAM & CEM	Sumalde, Zenaida M. Rebancos, Carmelita M. Alcantara, Antonio J.	Who Wants to Adopt Sustainable Charcoal Production?: Determinants and Willingness to Adopt Sustainable Practices Among Small-scale Producers in Quezon Province, Philippines	<i>Journal of Environmental Science and Management, Special Issue 2: 84-92, 2016</i>