

2017 International Publication Awardees
Publications (Journal Articles and Conference Papers) during the Previous Years

UP DILIMAN

(as of 31 December 2017)

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
1	Asian Center	Talampas, Rolando G.	Measuring Functioning and Disability After a Disaster: Results from the Typhoon Haiyan/Yolanda-Affected Areas of the Philippines	<i>n n on ou n o</i> <i>on</i> 9 2 -2 2
2	ASP	Pawlik, Alfred F.	Characterisation of the Use-Wear Resulting from Bamboo Working and Its Importance to Address the Hypothesis of the Existence of a Bamboo Industry in Prehistoric Southeast Asia	<i>u n n n on</i> 9 - 2 9 2
3	ASP	Volmer, Rebekka	The Effect of Competition on Shared Food Resources in Carnivore Guilds	<i>u n n n on</i> B 2- 22 Au u 2
4	CAL	Garcia, J. Neil C.	Myth and The Poetics of the Self: The Critical Corpus of Gémino H. Abad	<i>k u u 2 2- 2</i>
5	CHE	Gabriel, Alonzo A.	Microbial, Physicochemical, and Sensory Quality Evaluations of Salted Herring (<i>n</i>) Subjected to Different Drying Processes	<i>oo n n no o</i> 2 2 2 -22 2
6	CHE	Gabriel, Alonzo A.	Previous Physicochemical Stress Exposures Influence Subsequent Resistance of <i>o</i> O157:H7, <i>on</i> <i>n</i> , and <i>ono o n</i> to Ultraviolet-C in Coconut Liquid Endosperm Beverage	<i>n n on ou n o oo</i> <i>o o o 2 -</i> 2

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
21	CSSP	Tadem, Teresa Encarnacion S.	The Rise and Fall of Virata's Network: Technocracy and the Politics of Economic Decision Making in the Philippines	<i>Journal of Asian Development</i>
22	Economics	Solon, Orville	Misdiagnosis of Obstetrical Cases and the Clinical and Cost Consequences to Patients: A Cross-Sectional Study of Urban Providers in the Philippines	<i>Journal of Health Economics</i>
23	Engineering	Agcaoili, Apollo Balela, Mary Donnabelle	Preparation of Polyacrylonitrile-Kapok Hollow Microtubes Decorated with Cu Nanoparticles	<i>Journal of Applied Polymer Science</i>
24	Engineering	Alamani, Bryan G.	Engineering Crystal Modifiers: Bridging Classical and Nonclassical Crystallization	<i>Journal of Applied Crystallography</i>
25	Engineering	Ang, Ma. Rosario Concepcion O. Panganiban, Luis Caesar Ian K. Mamador, Charmyne B. De Luna, Oliver Dan G. Bausas, Michael D. Cruz, Joselito P.	Development of a Multi-Site and Multi-Device WebGIS-Based Tool Current Energy Development	<i>Journal of Applied Geomatics</i>
26	Engineering	Bausas, Michael D. Danao, Louis Angelo M.	The Influence of Blade Camber on the Performance of a Vertical Axis Wind Turbine in Fluctuating Wind	<i>Journal of Applied Wind Engineering</i>

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
27	Engineering	Berana, Menandro S.	Modelling of Ejector Refrigeration System and Its Application to the Design of an Ejector Cooler for a Hot-Spring Resort in the Philippines	W 2 n n n 222
28	Engineering	Cabarle, Francis George C. Adorna, Henry N.	Notes on Spiking Neural P Systems and Finite Automata	u - 9 2
29	Engineering	Caro, Jaime D.L.	Crowdsourcing for Healthcare Resource Allocation	n n o n A 9 2 nu 2
30	Engineering	Caro, Jaime D.L.	Data Crowdsourcing and Traffic Sensitive Routing for a Mixed Mode Public Transit System	n n o n A 2
31	Engineering	Caro, Jaime D.L.	Use of Analytics to Improve Student Behavior and Performance in an Online Course Implementation	n n o n A 2 nu 2
32	Engineering	Claridades, Alexis Richard C. Villanueva, Jara Kaye S. Macatulad, Edgardo G.	Evacuation Simulation in Kalayaan Residence Hall, UP Diliman using GAMA Simulation Software	n o n A 2 2

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
41	Engineering	Lagrama, Kimberly Rose L. Restauero, Dexter Nielsen B. Magdaluyo, Eduardo Jr. R.	Porcine-bone Derived Hydroxyapatite Coating on Anodized Titanium Substrate	<i>n o u</i> - 9 2
42	Engineering	Leuterio, Giselle Lou D. Pajarito, Bryan B.	Effect of Colorant Additive and Thickness on Tensile Properties of Oxo-biodegradable PE Plastic Bags in Alkaline Solution	<i>n n n</i> - 2
43	Engineering	Liberato, Astrid Ayla E. Dela Vega, Ma. Shanlene D.C.	Investigation of the Effect of Sorbent Dosage and Solution Ph on the Adsorption Efficiency of Catfish- and Tilapia-Derived Hydroxyapatite	<i>n o u</i> 2 - 2
44	Engineering	Ondoy, Karl C. Pajarito, Bryan B.	Effect of Grit Type, Aging Temperature and Aging Time on Particle Size of Ground Natural Rubber/Zeolite Composite Powder	<i>n n n</i> 2 - 2 2
45	Engineering	Pajarito, Bryan B.	Sorption and Degradation Behaviour of Epoxy Composites Reinforced with Amine-Coated Polyester Triangular Bars in Acid Environment	<i>n n n</i> 9 - 9 2
46	Engineering	Pajarito, Bryan B. Arabit, Jimyl	Correlation of Blooming and Tensile Properties in Surfactant-Loaded Natural Rubber Vulcanizates	<i>n n n</i> - 9 2
47	Engineering	Rosales, Marc D.	Hybrid Photo-Receiver Based on SiGe Heterojunction Photo-Transistor for Low-Cost 60 GHz Intermediate-Frequency Radio-Over-Fibre Applications	<i>on</i> - 2 A 2

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
48	Engineering	Solamo, Ma. Rowena C. Feria, Rommel P.	Evaluation of a Mobile AAC Application for Filipino Language	<i>n n on on n on no on n n n A on A 2 9 - 2 2</i>
49	Engineering	Solamo, Ma. Rowena C. Feria, Rommel P.	On Evaluating Skillville: An Educational Mobile Game on Visual Perception Skills	<i>n n on on n on no on n n n A on A 2 2 9- 2</i>
50	Engineering	Talampas, Marc Caesar R.	A Geometric Filter Algorithm for Robust Device-Free Localization in Wireless Networks	<i>n on on n u no 2 - o 2</i>
51	Science	Adao, Davin Edric V. Dela Serna, Ace O. Belleza, Maria Luz B. Bolo, Nicole R. Rivera, Windell L.	Subtype Analysis of <i>B o</i> sp. Isolates from Asymptomatic Individuals in an Urban Community in the Philippines	<i>Ann o o o 2 9 - 2 o 2</i>
52	Science	Adao, Davin Edric V. Rivera, Windell L.	Molecular Characterization of <i>B o</i> Isolates Infecting Farm Animals in Victoria and Pila, Laguna, Philippines	<i>n A u u n 99 - 2</i>
53	Science	Almoro, Percival F.	Enhanced Intensity Variation for Multiple-Plane Phase Retrieval using a Spatial Light Modulator as a Convenient Tunable Diffuser	<i>2 2 -2</i>
54	Science	Amosco, Melissa D. Naniong, Justin Michael A. David-Bustamante, Lara Marie G. Palmes-Saloma, Cynthia P.	VEGF-A and VEGFR1 SNPs Associate with Preeclampsia in a Philippine Population	<i>n n n n on - 2</i>

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
62	Science	David, Carlos Primo C.	Evaluating the Potential of Radar-Based Rainfall Estimates for Streamflow and Flood Simulations in the Philippines	<i>o</i> <i>u</i> <i>z</i> <i>n</i> <i>k</i> <i>9</i> - <i>2</i>
63	Science	de la Cruz, Ralph John L.	The S Polar Decomposition When the Cosquare of S is Nonderogatory	<i>on</i> <i>ou</i> <i>n</i> <i>o</i> <i>n</i> <i>A</i> - <i>o</i> <i>2</i>
64	Science	Delos Santos, Ramon Tuico, Anthony Copa, Vernalyn Salvador, Arnel Somintac, Armando Estacio, Elmer	Cherenkov-Phase-Matched Nonlinear Optical Detection and Generation of Terahertz Radiation via GaAs with Metal-Coating	<i>2</i> <i>22</i> <i>2</i> <i>9</i> - <i>2</i> <i>9</i> <i>o</i> <i>2</i>
65	Science	Dumilag, Richard V.	Genotype Introduction Affects Population Composition of Native Philippine	<i>u</i>

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
68	Science	Faustino, Maria Angela B. Lopez, Lorenzo Jr. P. Hermosa, Nathaniel Salvador, Arnel A. Somintac, Armando S. Estacio, Elmer S.	Terahertz Emission Enhancement in Semi-Insulating Gallium Arsenide Integrated with Subwavelength One-Dimensional Metal Line Array	9 2 -

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
81	Science	San Diego-McGlone, Maria Lourdes	Comanagement for Aquaculture: Suggestions from a Comparative Study Between Two Major Production Areas of Milkfish in the Philippines	<i>o u n o A A u u u 2</i> <i>29 - u 2</i>
82	Science	Singidas, Bess G. Sarmago, Roland V.	Optical Transmittance Investigation of 1-keV Ion-Irradiated Sapphire Crystals as Potential VUV to NIR Window Materials of Fusion Reactors	<i>A A n o 2</i>
83	Science	Singidas, Bess G. Sarmago, Roland V.	ZnO Crystal as a Potential Damage-Recoverable Window Material for Fusion Reactors	<i>2 - 2</i>
84	Science	Siringan, Fernando P.	Coral-Based Holocene Sea Level of Paraoir, Western Luzon, Philippines	<i>o u n o A n n</i> <i>2 - u n 2</i>
85	Science	Siringan, Fernando P.	Historical Record of Nuclear Activities from ¹²⁹ I in Corals from the Northern Hemisphere (Philippines)	<i>o u n o n o n n</i> <i>o - o 2</i>
86	Science	Siringan, Fernando P. Doctor, Angelique A.	-414.48 Td [2.a-2.7702(a)4.24083(n)0.275.785701()0.136644(f)3.1813(o)0.2op,)0.136644()25	

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
89	Science	Valle, Demetrio Jr. L. Paclibare, Phyllis Anne P. Rivera, Windell L.	Molecular and Phenotypic Characterization of Methicillin-Resistant Staphylococcus aureus Isolates from a Tertiary Hospital in the Philippines	Journal of Microbiology and Biotechnology
90	Science	Velarde, Michael C.	Positive and Negative Effects of Cellular Senescence During Female Reproductive Aging and Pregnancy	Journal of Cellular Biochemistry
91	Science & MNH (UPLB)	Duya, Mariano Roy M. Duya, Melizar V. Alviola, Phillip A.	Diversity of Small Mammals in Montane and Mossy Forests on Mount Cetaceo, Cagayan Province, Luzon	Journal of Biogeography
92	Science & Science (UPB)	Blas, Nikki T. Addawe, Joel M. David, Guido	A Mathematical Model of Transmission of Rice Tungro Disease by Nephotettix virescens	Journal of Mathematical Biology
93	Statistics	Barrios, Erniel B.	Small Area Estimation with Spatiotemporal Mixed Model	Journal of Statistical Theory and Applications
94	Statistics	Eustaquio, John D.	Nonparametric Hypothesis Testing for Isotonic Survival Models with Clustering	Journal of Statistical Theory and Applications
95	Statistics	Lansangan, Joseph Ryan G.	Quantile and Restricted Maximum Likelihood Approach for Robust Regression of Clustered Data	Journal of Statistical Theory and Applications
96	Statistics	Lansangan, Joseph Ryan G.	Semiparametric Probit Model for High-Dimensional Clustered Data	Journal of Statistical Theory and Applications
97	Statistics	Lansangan, Joseph Ryan G.	SPCR-Based Control Chart for Autocorrelated Processes with High Dimensional Exogenous Variables	Journal of Statistical Theory and Applications
98	VSB	Rey, Mia Pang Suan, Ivy D.C.	A Sustainability Model for Small Health Maintenance Programs	Journal of Sustainability