

2016 International Publication Awardees
2016 Publications (Journal Articles and Conference Papers)

UP DILIMAN

(as of 31 December 2016)

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
1	AIT	Dela Santa, Edieser Saporsantos, Jose Edgardo	Philippine Tourism Act of 2009: Tourism Policy Formulation Analysis from Multiple Streams	<i>Journal of Policy Research in Tourism, Leisure and Events</i> , 8 (1): 53-70, 2 January 2016
2	Asian Center	Belvis, Cyril	How to Translate RA 8504: Critical Excess Versus Textual Limit	<i>Translation Studies</i> , 9 (3): 298-313, March 2016
3	Asian Center	Clemente, Tina S.	Understanding the Economic Diplomacy Between the Philippines and China	<i>International Journal of China Studies</i> , 7 (2): 215-233, August 2016
4	ASP	Crozier, Rebecca	Fragments of Death, A Taphonomic Study of Human Remains from Neolithic Orkney	<i>Journal of Archaeological Science: Reports</i> , 10: 725-734, December 2016
5	ASP	Volmer, Rebekka	Niche Overlap and Competition Potential among Tigers (<i>Panthera tigris</i>), Sabertoothed Cats (<i>Homotherium ultimum</i> , <i>Hemimachairodus zwierzyckii</i>) and Merriam's Dog (<i>Megacyon merriami</i>) in the Pleistocene of Java	<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 441 (Part 4): 901–911, 1 January 2016
6	CAL	Acuña, Arbeen R.	Reverse Carnival, Reactionary Laughter: Critique of an Intermission	<i>Kritika Kultura</i> , 26: 740-749, 2016
7	CAL	Casanova, Maria del Rocío	Espino Licsi vs. Licsi Espino: Cantos a la Cultura Española Desde Filipinas	<i>Bulletin of Hispanic Studies</i> , 93 (1): 63-80, 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
8	CAL	Cleto, Luna S.	Finding Genoa Finding Myself: Notes on Reading, Language, Travelling and Mobility (Pag- aapuhap ng Sarili, Mga Tala sa Pagbabasa, Sa Wika, at Paglalayag)	<i>Humanities Diliman, 13 (1): 62-97, January-June 2016</i>
9	CAL	Hernando, Pauline Mari F.	Ang Talaban ng Pangingibabaw at Pagtutol sa Pangingibabaw sa Manga Tagobilin sa Manga Dalaga ni Antonio Maria Claret (Dominance and Defiance in Antonio Maria Claret's Manga Tagobilin sa Manga Dalaga)	<i>Humanities Diliman, 13 (2): 1-26, July-December 2016</i>
10	CAL	Jurilla, Patricia May B.	Conflicts and Contests: A History of the Filipino Novel in English	<i>Kritika Kultura, 27: 3-20, 2016</i>
11	CAL	Lopez, Patricia Marion Y.	Mary as Mother in the Flores de Mayo in Poblacion, Oslob	<i>Humanities Diliman, 13 (1): 98-133, January-June 2016</i>
12	CAL	Salonga, Aileen	Unequal Englishes in the Philippines	<i>Journal of Sociolinguistics, 20 (3): 367-381, June 2016</i>
13	CAL	Serquiña, Oscar T.	Out and About: Migrant Bakla, Perverse Intimacies, and the Musical of Migration in Liza Magtoto's Care Divas	<i>Kritika Kultura, 27: 199-248, August 2016</i>
14	CAL	Tiatco, Sir Anril P.	The Possibilities and Problems of Entanglement in Contemporary Manila Theatre: Pista as Model, Rizal X as Exemplar	<i>Humanities Diliman, 13 (2): 127-162, July-December 2016</i>
15	CHE	Gabriel, Alonzo A.	Suboptimal Growth Conditions Induce Heterologous Ultraviolet-C Adaptation in <i>Salmonella enterica</i> in Orange Juice	<i>Food Control, 62: 110-116, April 2016</i>

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
16	CHE	Gabriel, Alonzo A.	Comparative Resistances of Selected Spoilage and Pathogenic Bacteria in Ultraviolet-C-Treated, Turbulent-Flowing Young Coconut Liquid Endosperm	<i>Food Control</i> , 69: 134–140, November 2016
17	CHE Science & CAS (UPMnl)	Gabriel, Alonzo A. Siringan, Maria Auxilla T. Rosario, Leo Mendel D. Tumlos, Roy B.	Atmospheric Pressure Plasma Jet Inactivation of <i>Pseudomonas aeruginosa</i> Biofilms on Stainless Steel Surfaces	<i>Innovative Food Science & Emerging Technologies</i> , 36: 311–319, August 2016
18	CHE Science & CAS (UPMnl)	Gabriel, Alonzo A. Siringan, Maria Auxilla T. Rosario, Leo Mendel D. Tumlos, Roy B.	Reference Organism Selection for Microwave Atmospheric Pressure Plasma Jet Treatment of Young Coconut Liquid Endosperm	<i>Food Control</i> , 69: 74–82, November 2016
19	CMC	David, Clarissa C. San Pascual, Ma. Rosel S.	Predicting Vote Choice for Celebrity and Political Dynasty Candidates in Philippine National Elections	<i>Philippine Political Science Journal</i> , 37 (2): 82-93, July 2016
20	CSSP	Go, Jan Robert R.	Political Leadership and Education Politics: The Mayor and Education Services in Nasugbu, Batangas	<i>Philippine Political Science Journal</i> , 37 (12): 111-134, 2016
21	CSSP	Hernandez, Carolina G.	The Philippines in 2015: A House Still Not in Order?	<i>Asian Survey</i> , 56 (1): 115-122, January/February 2016
22	CSSP	Ortega, Arnisson Andre C.	Manila's Metropolitan Landscape of Gentrification: Global Urban Development, Accumulation by Dispossession & Neoliberal Warfare against Informality	<i>Geoforum</i> , 70: 35-50, March 2016
23	CSSP	Panao, Rogelio Alicor L.	Tried and Tested? Dynastic Persistence and Legislative Productivity at the Philippine House of Representative	<i>Asian Politics and Policy</i> , 8 (3): 394-417, July 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
24	CSSP	Saguin, Kristian	Blue Revolution in a Commodity Frontier: Ecologies of Aquaculture and Agrarian Change in Laguna Lake, Philippines	<i>Journal of Agrarian Change</i> , 16 (4): 571–593, October 2016
25	CSSP	Saguin, Kristian Karlo C.	States of Hazard: Aquaculture and Narratives of Typhoons and Floods in Laguna de Bay	<i>Philippine Studies: Historical and Ethnographic Viewpoints</i> , 64 (3-4): 527-554, 2016
26	CSSP	Tadem, Teresa S.	Negotiating North - South Dynamics and the Philippine Experience in the WTO	<i>The Pacific Review</i> , 29 (5): 717-739, 2016
27	CSSP & Asian Center	Tadem, Teresa E. Tadem, Eduardo C.	Political Dynasties in the Philippines: Persistent Patterns, Perennial Problems	<i>South East Asia Research</i> , 24 (3): 328-340, September 2016
28	CSWCD	Ofreneo, Rosalinda P.	Women's Solidarity Economy Initiatives to Strengthen Food Security in Response to Disasters: Insights from Two Philippine Case Studies	<i>Disaster Prevention and Management</i> , 25 (2): 168 - 182, 2016
29	Economics	Capuno, Joseph J.	An Oaxaca-Decomposition Analysis of Popular Support for Democracy in Southeast Asian Countries: Are the Middle Classes Different from the Rest?	<i>Journal of the Asia Pacific Economy</i> , 21 (4): 467-488, July 2016
30	Economics	Pajaron, Marjorie	Heterogeneity in the Intrahousehold Allocation of International Remittances: Evidence from Philippine Households	<i>The Journal of Development Studies</i> , 52 (6): 854-875, June 2016
31	Engineering	Ballesteros, Florencio Jr. C.	E-Waste Recycling Processes in Indonesia, the Philippines, and Vietnam: A Case Study of Cathode Ray Tube TVs and Monitors	<i>Resources, Conservation and Recycling</i> , 106: 48–58, January 2016
32	Engineering	Ballesteros, Florencio Jr. C.	Incorporation of Graphene Oxide into a Chitosan–Poly(Acrylic Acid) Porous Polymer Nanocomposite for Enhanced Lead Adsorption	<i>Environmental Science: Nano</i> , 3: 475-684, 01 June 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
33	Engineering	Ballesteros, Florencio Jr. C.	Nickel Recovery from Synthetic Watts Bath Electroplating Wastewater by Homogeneous Fluidized Bed Granulation Process	<i>Separation and Purification Technology</i> , 169: 128–136, 1 September 2016
34	Engineering	Ballesteros, Florencio Jr. C.	Removal Efficiencies of Constructed Wetland and Efficacy of Plant on Treating Benzene	<i>Sustainable Environment Research</i> , 26 (2): 93–96, March 2016
35	Engineering	Ballesteros, Florencio Jr. C.	Removal of Nickel by Homogeneous Granulation in a Fluidized-Bed Reactor	<i>Chemosphere</i> , 164: 59–67, December 2016
36	Engineering	Ballesteros, Florencio Jr. C.	Using Activated Clay for Adsorption of Sulfone Compounds in Diesel	
37	Engineering	Cabarle, Francis George C. Adorna, Henry N.	Sequential Spiking Neural P Systems with Structural Plasticity Based on Max/Min Spike Number	<i>Neural Computing and Applications</i> , 27 (5): 1337–1347, July 2016
38	Engineering	Caro, Jaime D.L.	Pattern Mining and Fault Detection Via COPtherm-Based Profiling with Correlation Analysis of Circuit Variables in Chiller Systems	<i>Computer Science - Research and Development</i> , 31 (1): 79–87, May 2016
39	Engineering	Cervera, Rinlee Butch M.	Preparation of Amorphous Nanosilica from Philippine Waste Rice Hull via Acid Precipitation Method	<i>Materials Science Forum</i> , 864: 112-116, 2016
40	Engineering	De la Vega, Ma. Shanlene Balela, Mary Donnabelle	Synthesis of Copper-Nickel Nanowires by Two-Step Method	<i>MATEC Web of Conferences</i> , 27: 03006, 4 pages, 2015
41	Engineering	De Luna, Mark Daniel G.	Degradations of Acetaminophen Via a K ₂ S ₂ O ₈ -Doped TiO ₂ Photocatalyst Under Visible Light Irradiation	<i>Chemosphere</i> , 155: 388–394, July 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
42	Engineering	De Luna, Mark Daniel G. Rivera, Kim Katrina P.	Alachlor Photocatalytic Degradation Over Uncalcined Fe-TiO ₂ Loaded on Granular Activated Carbon Under UV and Visible Light Irradiation	<i>Desalination and Water Treatment</i> , 57 (15): 6712-6722, March 2016
43	Engineering	Espiritu, Richard DV.	Study on the Effect of the Degree of Grafting on the Performance of Polyethylene-Based Anion Exchange Membrane for Fuel Cell Application	<i>International Journal of Hydrogen Energy</i> , 41 (2): 1120-1133, 12 January 2016
44	Engineering	Fajardo, Francis Louise J. Dela Peña, John Ralou M. Bayani, Juchris D. Magdaluyo, Eduardo Jr. R.	Preparation and Characterization of Polyurethane Films using Corn (<i>Zea mays</i> L.) Oil-Based Polyol	<i>MATEC Web of Conferences</i> , 43: 01004, 4pages, 19 February 2016
45	Engineering	Felizco, Jenichi Clairvaux Magdaluyo, Eduardo Jr.	Formation of Hierarchical CuO Nanostructures on Copper Foil by Chemical Bath Deposition for Applications in Superhydrophobic Surfaces	<i>MATEC Web of Conferences</i> , 43: 02002, 4 page, 19 February 2016
46	Engineering	Genuino, Divine Angela D. Rivera, Kim Katrina P. de Luna, Mark Daniel G.	Ultrasonic Cleaning of Polytetrafluoroethylene Membrane Fouled by Natural Organic Matter	<i>Journal of Membrane Science</i> , 497: 450-457, 1 January 2016
47	Engineering	Gimpaya, Ruziel Larmae T. Gamboa, Rembrant Botin, Shari Ann Cervera, Rinlee Butch M.	Solid-State Synthesis and Characterization of Li _{7-3x} GaxLa ₃ Zr ₂ O ₁₂ Solid Electrolyte for Li-ion Battery Application	<i>Key Engineering Materials</i> , 705: 145-149, 2016
48	Engineering	Leuterio, Giselle Lou D. Pajarito, Bryan B.	Influence of Colorant and Film Thickness on Thermal Aging Characteristics of Oxo-Biodegradable Plastic Bags	<i>AIP Conference Proceedings</i> , 1736: 020038, 4 pages, 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
49	Engineering	Maalihan, Reymark D. Pajarito, Bryan B.	Effect of Colorant, Thickness, and Pro-Oxidant Loading on Degradation of Low-Density Polyethylene Films During Thermal Aging	<i>Journal of Plastic Film and Sheeting</i> , 32 (2): 124-129, April 2016
50	Engineering	Maalihan, Reymark D. Pajarito, Bryan B.	Relationship Between Tensile Modulus and Oxygen Uptake of Prooxidant Loaded Low-Density Polyethylene Films During Heat Aging	<i>Key Engineering Materials</i> , 705: 72-76, 2016
51	Engineering	Mandalihan, Ananda Sitjar, Jaya L. Magdaluyo, Eduardo Jr. R.	Mechanical Properties and Thermal Stability of TiO ₂ Nanofiller Reinforced Silicone Sealants	<i>Materials Science Forum</i> , 864: 23-27, 2016
52	Engineering	Ocon, Joey D.	Dip-Coating Synthesis of High-Surface Area Nanostructured FeB for Direct Usage as Anode in Metal/Metalloid-Air Battery	<i>Current Applied Physics</i> , 16 (9): 1075–1080, September 2016
53	Engineering	Ocon, Joey D.	Electrode Architecture in Galvanic and Electrolytic Energy Cells	<i>Angewandte Chemie - International Edition</i> , 55 (16): 4870–4880, 11 April 2016
54	Engineering	Ocon, Joey D.	High-Power-Density Semiconductor–Air Batteries Based on P-Type Germanium with Different Crystal Orientations	<i>ChemElectroChem</i> , 3 (2): 242–246, February 2016
55	Engineering	Ocon, Joey D.	Effects of Electrodeposition Synthesis Parameters on the Photoactivity of Nanostructured Tungsten Trioxide Thin Films: Optimisation Study Using Response Surface Methodology	<i>Journal of the Taiwan Institute of Chemical Engineers</i> , 61: 196–204, April 2016
56	Engineering	Pedrasa, Jhoanna Rhodette	Evaluation of Hierarchical DHTs to Mitigate Churn Effects in Mobeile Networks	<i>Computer Communications</i> , 85: 41–57, 1 July 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
57	Engineering	Pelicano, Christian Mark Magdaluyo, Eduardo Jr.	Temperature Dependence of Structural and Optical Properties of ZnO Nanoparticles Formed by Simple Precipitation Method	<i>MATEC Web of Conferences</i> , 43: 02001, 4 page, 19 February 2016
58	Engineering	Rivera, Kim Katrina P. de Luna, Mark Daniel G.	Photocatalytic Degradation of Reactive Red 3 and Alachlor Over Uncalcined Fe TiO ₂ Synthesized Via Hydrothermal Method	<i>Desalination and Water Treatment</i> , 57 (46): 22017-22028, October 2016
59	Engineering	Santiago, Denise Ester O. Pajarito, Bryan B.	Effect of Bentonite Modification on Hardness and Mechanical Properties of Natural Rubber Nanocomposites	<i>AIP Conference Proceedings</i> , 1736: 020047, 4 pages, 2016
60	Engineering	Santiago, Denise Ester O. Pajarito, Bryan B.	Parametric Study of Silica Precipitation from Geothermal Brine	<i>Key Engineering Materials</i> , 705: 121-125, 2016
61	Engineering	Tamayao, Mili-Ann M.	Effect of Regional Grid Mix, Driving Patterns and Climate on the Comparative Carbon Footprint of Gasoline and Plug-In Electric Vehicles in the United States	<i>Environmental Research Letters</i> , 11: 044077, 13 pages, April 2016
62	Engineering	Vasquez, Magdaleno Jr., R.	Extraction Characteristics of a Low-Energy Ion Beam System with a Remote Plasma Chamber	<i>Review of Scientific Instruments</i> , 87 (2): 02B924, 3 pages, February 2016
63	Engineering	Vasquez, Magdaleno Jr., R.	Low-Energy Ion Beam-Based Deposition of Gallium Nitride	<i>Review of Scientific Instruments</i> , 87 (2): 02C103, 4 pages, February 2016
64	Engineering	Zarco, Mark Albert H.	Predicting The Stress-Strain Behavior of Mine Tailing Using Modified Hyperbolic Model	<i>International Journal of GEOMATE</i> , 10 (3): 1834-1841, May 2016
65	Engineering & CAS (UPMnl)	Dionisio, Abigaile Solano, Geoffrey A.	Lung Cancer Classification Tool Using Microarray Data and Support Vector Machines	<i>6th International Conference on Information, Intelligence, Systems and Applications</i> , 7387956, 20 January 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
66	Engineering & CAS (UPMnl)	Dionisio, Abigaile Solano, Geoffrey A.	Microarray Data Clustering and Visualization Tool Using Self-Organizing Maps	<i>6th International Conference on Information, Intelligence, Systems and Applications, 7387955, 20 January 2016</i>
67	Engineering & CEAT (UPLB)	Felizco, Jenichi Clairvaux Mulimbayan, Francis M.	Antibacterial Properties of Unique Urchin-Like CuO Nanostructures by Chemical Bath Deposition	<i>Materials Science Forum, 866: 166-170, 2016</i>
68	Engineering & CEAT (UPLB)	Pelicano, Christian Mark Mulimbayan, Francis M.	Effect of Hydroxyl Concentration on the Structural and Optical Properties of Zinc Oxide Nanoparticles	<i>Materials Science Forum, 866: 161-165, 2016</i>
69	NCPAG	Tumanut, Michael A.	A Veto Players Analysis of Subnational Territorial Reform in Indonesia	<i>Asian Politics & Policy, 8 (2): 235–261, April 2016</i>
70	NISMED	Canonigo, Allan M.	Using a Non-Coercive Process to Engage Mathematics Teachers in Lesson Study	<i>International Journal for Lesson and Learning Studies, 5 (4): 329-347, 2016</i>
71	NISMED	Gutierrez, Sally B.	Building a Classroom-Based Professional Learning Community through Lesson Study: Insights from Elementary School Science Teachers	<i>Professional Development in Education, 42 (5): 801-817, 19 October 2016</i>
72	Science	Abregana, Timothy Joseph Almoro, Percival F.	Object Localization Using the Statistical Behavior of Volume Speckle Fields	<i>Optical Engineering, 555 (12): 121720, 6 pages, December 2016</i>
73	Science	Acuña, Jan Tristram Esguerra, Jose Perico	Dynamics of a Planar Thin Shell at a Taub–FRW Junction	<i>International Journal of Modern Physics D, 25 (1): 1650001, 15 pages, January 2016</i>
74	Science	Adao, Davin Edric V. Rivera, Windell L.	Loop-Mediated Isothermal Amplification (LAMP) Assay for the Rapid Detection of the Sexually-Transmitted Parasite, <i>Trichomonas vaginalis</i>	<i>Annals of Parasitology, 62 (1): 25-31, 2016</i>

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
75	Science	Baldo, Carlos III Villagonzalo, Cristine D.	Spin Inverter and Polarizer Curved Nanowire Driven by Rashba and Dresselhaus Spin–Orbit Interactions	<i>Physica E: Low-dimensional Systems and Nanostructures</i> , 83: 498–504, September 2016
76	Science	Bareza, Nestor D. Hermosa, Nathaniel II	Spatial Mode Projection Technique in Extracting Nanofeatures	<i>11th Conference on Lasers and Electro-Optics Pacific Rim, CLEO-PR 2015</i> , 3: 7376494, 2 pages, January 2016
77	Science	Bareza, Nestor D. Hermosa, Nathaniel II	Subluminal Group Velocity and Dispersion of Laguerre Gauss Beams in Free Space	<i>Scientific Reports</i> , 6: 26842, 6 pages, May 2016
78	Science	Batac, Rene C.	Statistical Properties of the Immediate Aftershocks of the 15 October 2013 Magnitude 7.1 Earthquake in Bohol, Philippines	<i>Acta Geophysica</i> , 64 (1): 15-25, February 2016
79	Science	Bernardo, Reginald C. Esguerra, Jose Perico H.	Quantum Scattering in One-Dimensional Systems Satisfying the Minimal Length Uncertainty Relation	<i>Annals of Physics</i> , 375: 444–459, December 2016
80	Science	Bernardo, Reginald C. Esguerra, Jose Perico H.	Energy Levels of One-Dimensional Systems Satisfying the Minimal Length Uncertainty Relation	<i>Annals of Physics</i> , 373: 521–531, October 2016
81	Science	Bo-ot, Luis Maria T.	Multivalued Behavior for a Two-level System using Homotopy Analysis Method	<i>Physica A</i> , 443: 358–371, 1 February 2016
82	Science	Cabarrubias, Bituin	Homogenization of Optimal Control Problems in Perforated Domains Via Periodic Unfolding Method	<i>Applicable Analysis</i> , 95 (11): 2517-2534, November 2016
83	Science	Cabarrubias, Bituin	Homogenization of Some Evolution Problems in Domains with Small Holes	<i>Electronic Journal of Differential Equations</i> , 169: 1-26, 4 July 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
84	Science	Camoying, Marianne G. Yñiguez, Aletta T.	FlowCAM Optimization: Attaining Good Quality Images for Higher Taxonomic Classification Resolution of Natural Phytoplankton Samples	<i>Limnology and Oceanography: Methods</i> , 14 (5): 305–314, May 2016
85	Science	Conaco, Cecilia	Detection of Prokaryotic Genes in the <i>Amphimedon queenslandica</i> Genome	<i>PLoS ONE</i> , 11 (3): e0151092, 16 pages, 9 March 2016
86	Science	Conato, Marlon T.	Nucleation of FAU and LTA Zeolites from Heterogenous Aluminosilicate Precursors	<i>Chemistry of Materials</i> , 28 (14): 4906-4916, June 2016
87	Science	Dailisan, Damian N. Lim, May T.	Agent-Based Modeling of Lane Discipline in Heterogeneous Traffic	<i>Physica A: Statistical Mechanics and its Applications</i> , 457: 138–147, 1 September 2016
88	Science	De la Cruz, Ralph John	On the Diagonalizability of a Matrix by a Symplectic Equivalence, Similarity or Congruence Transformation	<i>Linear Algebra and its Applications</i> , 496: 288–306, 1 May 2016
89	Science	De los Reyes, Aurelio A.	A Physiologically Based Model of Vascular Refilling During Ultrafiltration in Hemodialysis	<i>Journal of Theoretical Biology</i> , 390: 146–155, 7 February 2016
90	Science	De Mesa, Joseph A. Amo, Annaliza M. Miranda, Jessa Jayne C. Salazar, Hernanie O. Sarmago, Roland V. Garcia, Wilson O.	Effects of Deposition Pressure and Target-Substrate Distance on Growth of ZnO by Femtosecond Pulsed Laser Deposition	<i>Journal of Laser Micro Nanoengineering</i> , 11 (1): 21-24, February 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
91	Science	De Mesa, Joseph A. Amo, Annaliza M. Miranda, Jessa Jayne C. Salazar, Hernanie O. Sarmago, Roland V. Garcia, Wilson O.	Effects of Deposition Pressure and Target-Substrate Distance on Growth of ZnO by Femtosecond Pulsed Laser Deposition	<i>Journal of Laser Micro Nanoengineering</i> , 11 (1): 21-24, February 2016
92	Science	Dumilag, Richard V.	Morphological and Molecular Confirmation of the Occurrence of <i>Pyropia tanegashimensis</i> (Bangiales, Rhodophyta) from Palau Is., Sta. Ana, Cagayan, Philippines	<i>Phytotaxa</i> , 255 (1): 083-090, April 2016
93	Science	Evidor, Frederick Michael Rivera, Windell L.	Genetic Subtypes of Blastocystis sp. Isolated from Fecal Materials in the Large Intestines of Slaughtered Swine	<i>Philippine Journal of Veterinary Medicine</i> , 53 (1): 59-64, 2016
94	Science	Flores, Philip Caesar M. Caballar, Roland C. Galapon, Eric A.	Synchronizing Quantum and Classical Clocks Made of Quantum Particles	<i>Physical Review A</i> , 94 (3): 032123, 9 pages, September 2016
95	Science	Flores, Marvin M. Galapon, Eric A.	Mixtures of Maximally Entangled Pure States	<i>Annals of Physics</i> , 372: 297–308, September 2016
96	Science	Galapon, Eric A.	Internal One Degree of Freedom is Sufficient to Induce Exact Decoherence	<i>Europhysics Letters</i> , 113 (6): 6007, 6 pages, March 2016
97	Science	Galapon, Eric A.	The Cauchy Principal Value and the Hadamard Finite Part Integral as Values of Absolutely Convergent Integrals	<i>Journal of Mathematical Physics</i> , 57 (3): 033502, 10 pages, March 2016
98	Science	Galarion, Luiza H. Rivera, Windell L.	Isolation and Characterization of Marine Sediment Bacteria Capable of Biocatalyzing Bromination of Indole	<i>Journal of Scientific & Industrial Research</i> , 75: 359-364, June 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
99	Science	Garcia, Luis Maria B.	Embryonic and Larval Development of Hatchery-Reared Silver Therapon <i>Leiopotherapon plumbeus</i> (Perciformes: Terapontidae)	<i>Ichthyological Research</i> , 63 (1): 121–131, January 2016
100	Science	Granario, Daryl Q. Paras, Agnes T.	The ψ S Polar Decomposition When The Cosquare of S is Normal	<i>Linear Algebra and its Applications</i> , 495: 51–66, 15 April 2016
101	Science	Granario, Daryl Q. Paras, Agnes T.	The Sum of Two ϕ S Orthogonal Matrices When S–TS is Normal and $-1 \notin \sigma(S-TS)$	<i>Linear Algebra and its Applications</i> , 495: 67-89, 15 April 2016
102	Science	Guzman, Christine Joy M. Conaco, Ma. Cecilia G.	Comparative Transcriptome Analysis Reveals Insights into the Streamlined Genomes of Haplosclerid Demosponges	<i>Scientific Reports</i> , 6: 18774, 10 pages, 2016
103	Science	Guzman, Christine Conaco, Cecilia	Gene Expression Dynamics Accompanying the Sponge Thermal Stress Response	<i>PLoS One</i> , 11 (10): e0165368, 15 pages, October 2016
104	Science	Hermosa, Nathaniel II P.	Frequency Conversion of Structured Light	<i>Scientific Reports</i> , 6, 21390: 8 pages, 2016
105	Science	Hermosa, Nathaniel II P.	Reflection Beamshifts of Visible Light Due to Graphene	<i>Journal of Optics</i> , 18 (2): 025612, 5 pages, January 2016
106	Science	Hernandez, Christine C. Villaseñor, Irene M.	Stilbenoids from <i>Hopea acuminata</i>	<i>Journal of Herbs, Spices and Medicinal Plants</i> , 22 (1): 92-104, 2016
107	Science	Horigue, Vera Aliño, Porfirio M.	Influence of Governance Context on the Management Performance of Marine Protected Area Networks	<i>Coastal Management</i> , 44 (1): 71-91, February 2016
108	Science	Ibana, Joyce A. Cutay, Sandra Jelyn Romero, Maevel	Parallel Expression of Enzyme Inhibitors of CD8T Cell Activity in Tumor Microenvironments and Secretory Endometrium	<i>Reproductive Sciences</i> , 23 (3): 289-301, March 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
109	Science	Lope, Jose Ernie C. Ona, Mark Philip F.	Holomorphic and Gevrey Solutions of a Singular Integro-Differential Equation	<i>AIP Conference Proceedings</i> , 1707: 040001, 7 pages, 11 February 2016
110	Science	Lope, Jose Ernie C. Ona, Mark Philip F.	Local Solvability of a System of Equations Related to Ricci-Flat Kähler Metrics	<i>Funkcialaj Ekvacioj</i> , 59 (1): 141-155, 2016
111	Science	Lopez, Lorenzo Jr., P. Faustino, Maria Angela B. Mabilangan, Arvin I. Cabello, Neil Irvin F. Salvador, Arnel A. Somintac, Armando S.	Structural and Optical Characterization of Electrochemically Etched Porous Silicon	<i>Philippine Journal of Science</i> , 14 (1): 9-15, March 2016
112	Science	Luzon, Paul Kenneth Montalbo, Kristina Galang, Jam Sabado, Jasmine May Escape, Carmille Marie Felix, Raquel Lagmay, Alfredo Mahar Francisco	Hazard Mapping Related to Structurally Controlled Landslides in Southern Leyte, Philippines	<i>Natural Hazards and Earth System Sciences</i> , 16 (3): 875-883, April 2016
113	Science	Magbanua, Francis S.	Individual and Combined Effects of Fine Sediment and Glyphosate Herbicide on Invertebrate Drift and Insect Emergence: A Stream Mesocosm Experiment	<i>Freshwater Science</i> , 35 (1): 139-151, March 2016
114	Science	Manalo, Pearlyn C. Dimalanta, Carla B. Ramos, Noelynna T.	Magnetic Signatures and Curie Surface Trend Across an Arc-Continent Collision Zone: An Example from Central Philippines	<i>Surveys in Geophysics</i> , 37 (3): 557-578, May 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
115	Science	Mapalo, Marc A. Bascos, Denise Mirano	<i>Mesobiotus philippinicus</i> sp. nov., The First Limnoterrestrial Tardigrade from the Philippines	<i>Zootaxa</i> , 4126 (3): 411-426, June 2016
116	Science	Marquez, Kevinilo P. Lim, Rheo L.	Non-Isothermal Degradation Kinetics of Asphalt in Relation to its Chemical Composition	<i>Key Engineering Materials</i> , 701: 315-319, 2016
117	Science	McGlone, Maria Lourdes	Phosphorus as a Driver of Nitrogen Limitation and Sustained Eutrophic Conditions in Bolinao and Anda, Philippines, A Mariculture-Impacted Tropical Coastal Area	<i>Marine Pollution Bulletin</i> , 105 (1): 237–248, 15 April 2016
118	Science	McGlone, Maria Lourdes	Variation in Oxygen Isotope Ratio of Dissolved Orthophosphate Induced by Uptake Process in Natural Coral Holobionts	<i>Coral Reefs</i> , 35 (2): 655–668, June 2016
119	Science	Mendoza, Renier	FEM Convergence of a Segmentation Approach to the Electrical Impedance Tomography Problem	<i>AIP Conference Proceedings</i> , 1707: 050009, 13 pages, 11 February 2016
120	Science	Mondarte, Evan Angelo Copa, Vernalyn Tuico, Anthony Vergara, Christopher Jude Estacio, Elmer Salvador, Arnel Somintac, Armando	Al-Doped ZnO and N-Doped Cu _x O Thermoelectric Thin Films for Self-Powering Integrated Devices	<i>Materials Science in Semiconductor Processing</i> , 45: 27–31, April 2016
121	Science	Nellas, Ricky B.	DMSO Enhanced Conformational Switch of an Interfacial Enzyme	<i>Biopolymers</i> , 105 (12): 864–872, December 2016
122	Science	Nellas, Ricky B.	Pressure-Induced Conformational Switch of an Interfacial Protein	<i>Proteins - Structure Function and Bioinformatics</i> , 84 (6): 820–827, June 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
123	Science	Nellas, Ricky B.	The Promiscuity of Allosteric Regulation of Nuclear Receptors by Retinoid X Receptor	<i>Journal of Physical Chemistry B</i> , 120 (33): 8338–8345, 25 August 2016
124	Science	Rabonza, Maricar L. Felix, Raquel P. Lagmay, Alfredo Mahar Francisco A. Eco, Rodrigo Narod C. Ortiz, Iris Jill G. Aquino, Dakila T.	Shallow Landslide Susceptibility Mapping Using High-Resolution Topography for Areas Devastated by Super Typhoon Haiyan	<i>Landslides</i> , 13 (1): 201-210, February 2016
125	Science	Ringor, Cherry L. Siringan, Fernando P.	Net Sediment Transport in Pampanga Bay, Northwestern Manila Bay Derived from Grain Size Trends, Bathymetric Change and Landsat Data	<i>Philippine Agricultural Scientist</i> , 99 (1): 68-79, March 2016
126	Science	Rivera, Windell L.	Subtype Analysis of <i>Blastocystis</i> sp. Isolates from Human and Canine Hosts in an Urban Community in the Philippines	<i>Parasitology International</i> , 65 (3): 291–294, June 2016
127	Science	Rollon, Rene N.	Preliminary Assessment of Post-Haiyan Mangrove Damage and Short-Term Recovery in Eastern Samar, Central Philippines	<i>Marine Pollution Bulletin</i> , 109 (2): 744–750, 30 August 2016
128	Science	Siringan, Fernando P.	Morphological and Sedimentological Signatures of Late Holocene Prodelta Lobes in Lingayen Gulf, Philippines	<i>Journal of Coastal Research</i> , 32 (2): 354-364, March 2016
129	Science	Siringan, Fernando P.	Source-To-Sink Transport Processes of Fluvial Sediments in the South China Sea	<i>Earth-Science Reviews</i> , 153: 238–273, February 2016
130	Science	Sombillo, Denny Lane B. Galapon, Eric A.	Particle Detection and Non-Detection in a Quantum Time of Arrival Measurement	<i>Annals of Physics</i> , 364: 261–273, January 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
131	Science	Valle, Demetrio Jr. L. Puzon, Juliana Janet M. Rivera, Windell L.	Antimicrobial Activities of Methanol, Ethanol and Supercritical CO ₂ Extracts of Philippine Piper betle L. on Clinical Isolates of Gram Positive and Gram Negative Bacteria with Transferable Multiple Drug Resistancence	<i>PLoS One</i> , 11 (1): e0146349, 14 pages, January 2016
132	Science	Vega, Ian	Slowly Rotating Black Holes in Einstein-æther Theory	<i>Physical Review D</i> , 93 (4): 044044, 23 pages, February 2016
133	Science	Velarde, Michael C.	Targeting Senescent Cells: Possible Implications for Delaying Skin Aging: A Mini-Review	<i>Gerontology</i> , 6 (62): 513-518, April 2016
134	Science	Villamayor, Betty May R. Rollon, Rene N. Albano, Giannina Marie G.	Impact of Haiyan on Philippine Mangroves: Implications to the Fate of the Widespread Monospecific Rhizophora Plantations against Strong Typhoons	<i>Ocean & Coastal Management</i> , 132: 1–14, November 2016
135	Science	Villanoy, Cesar L. Bilgera, Princess Hope T. Cabrera, Olivia C. Siringan, Fernando P. Yacat-Sta. Maria, Yvaine Fernandez, Ian Quino	Repeat Storm Surge Disasters of Typhoon Haiyan and Its 1897 Predecessor in the Philippines	<i>Bulletin of The American Meteorological Society</i> , 97 (1): 31-48, January 2016
136	Science	Villaruel, Aura Mae B. Peraan, Francis Norman C.	Entanglement-Fluctuation Relation for Bipartite Pure States	<i>Physical Review A</i> , 94: 022323, 6 pages, 2016
137	Science	Yap, Sandra L.	Dynamic Response of a Philippine Dipterocarp Forest to Typhoon Disturbance	<i>Journal of Vegetation Science</i> , 27 (1): 133–143, January 2016

SEQ	UNIT	AUTHOR(S)	TITLE	JOURNAL
138	Science	Yu, Eizadora T.	Changes in the Structure of the Microbial Community Associated with <i>Nannochloropsis salina</i> Following Treatments with Antibiotics and Bioactive Compounds	<i>Frontiers in Microbiology</i> , 7: 1155, 13 pages, 26 July 2016
139	Science	Yu, Eiza T.	Longitudinal Analysis of Microbiota in Microalga <i>Nannochloropsis salina</i> Cultures	<i>Microbial Ecology</i> , 72 (1): 14-24, July 2016
140	Science & CFNR (UPLB)	Galindon, John Michael M. Ong, Perry S. Fernando, Edwino S.	<i>Rafflesia consueloae</i> (Rafflesiaceae), The Smallest Among Giants; A New Species from Luzon Island, Philippines	<i>PhytoKeys</i> , 61: 37-46, 2016
141	Science & PGC (UPS)	Damasco, Joseph Ray Aguda, Baltazar D.	MicroRNA Inhibition Fine-Tunes and Provides Robustness to the Restriction Point Switch of the Cell Cycle	<i>Scientific Reports</i> , 6: 32823, 13 pages, September 2016
142	Statistics	Barrios, Erniel B.	Control Chart for Monitoring Autocorrelated Process with Multiple Exogenous Inputs	<i>Communications in Statistics - Simulation and Computation</i> , 45 (9): 3373-3393, 2016
143	Statistics	Lucagbo, Michael Daniel C.	Comparison of Ordinal Logistic Regression with Tree-Based Methods in Predicting Socioeconomic Classes in the Philippines	<i>Philippine Statistician</i> , 65 (1): 1-14, 2016
144	Statistics	Redondo, Paolo Victor T.	Purposive Sampling in the Analysis of Count Data	<i>Philippine Statistician</i> , 65 (1): 41-52, 2016
145	VSB	Capistrano, Erik Paolo S.	The Antecedents of Purchase and Re-Purchase Intentions of Online	<i>Computers in Human Behavior</i> , 54: 186-196, January 2016
146	VSB	Centeno, Dave DG.	Parasociality and Habitus in Celebrity Consumption and Political Culture: A Philippine Case Study	<i>Asian Journal of Social Science</i> , 44: 441-484, 2016