

**2015 International Publication Awardees
Publications (Journal Articles) during the Previous Years
UP DILIMAN**

SEQ	COLLEGE	NAME	TITLE OF PUBLICATION	JOURNAL
Arts and Letters Cluster				
1	CAL	Banzon, Isabela	"Zoo Sonnet for Liam" and "Three Girls"	<i>Westerly</i> , 59 (2): 260-261, November 2014
2	CAL	Reynaldo, Kristine Marie T.	Small Talk	<i>Kritika Kultura</i> , 23: 396-401, 2014
3	CAL & CAS (UPLB)	Acuña, Arbeen R. Aguinaldo, Dennis Andrew	Madrid 1884 & Tondo 1892	<i>Kritika Kultura</i> , 23: 402-417, 2014
4	Music	Tan, Arwin Q.	Reproduction of Cultural and Social Capital in Nineteenth Century Spanish Regimental Bands of the Philippines	<i>Humanities Diliman</i> , 11 (2): 61-89, July-December 2014
Management and Economics Cluster				
1	AIT	Dela Santa, Edieser	The Politics of Implementing Philippine Tourism Policy: A Policy Network and Advocacy Coalition Framework Approach	<i>Asia Pacific of Tourism Research</i> , 18 (8): 913-933, 2013
2	CVSB	Racelis, Aliza D.	Examining the Global Financial Crisis from a Virtue Theory Lens	<i>Asia-Pacific Social Science Review</i> , 14 (2): 23-38, 2014
3	Economics	Cruz, Prince Christian	The Spanish Origins of Extractive Institutions in the Philippines	<i>Australian Economic History Review</i> , 54 (1): 62-82, March 2014
4	Economics	Francisco, Ruth	Human Capital Accumulation in Emerging Asia, 1970-2030	<i>Japan and the World Economy</i> , 24 (2): 76-86, March 2012

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Social Sciences and Law Cluster				
1	Asian Center	Gonzales, Eduardo T.	Career Bureaucracy and Technocracy in the Philippines: From Authoritarian Construction to Democratic Deconstruction	<i>Philippine Political Science Journal</i> , 34 (2): 134-149, November 2013
2	Asian Center	Raquiza, Antoinette R.	Changing Configuration of Philippine Capitalism	<i>Philippine Political Science Journal</i> , 35 (2): 225-250, 2014
3	Asian Center	Tadem, Eduardo C.	Grassroots Democracy, Non-State Approaches, and Popular Empowerment in Rural Philippines	<i>Philippine Political Science Journal</i> , 33(2): 161-177, December 2012
4	CSSP	Melgar, Teresa R.	A Time of Closure? Participatory Budgeting in Porto Alegre, Brazil, after the Workers' Party Era	<i>Journal of Latin American Studies</i> , 46 (1): 121-149, February 2014
5	CSSP	Sapitula, Manuel Victor J.	Marian Piety and Modernity: The Perpetual Help Devotion as Popular Religion in the Philippines	<i>Philippine Studies: Historical and Ethnographic Viewpoints</i> , 62 (3-4): 399-424, 2014

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Science and Technology Cluster				
1	ASP	Neri, Lee Anthony M.	Obsidian Sourcing at Ulilang Bundok Site and its Implications for Mobility, Exchange, and Social Context in the Philippine Metal Age	<i>Asian Perspectives</i> , 53 (1): 97-115, Spring 2014
2	CHE	Gabriel, Alonzo A.	Inactivation Behaviors of Foodborne Microorganisms in Multi-frequency Power Ultrasound-treated Orange Juice	<i>Food Control</i> , 46: 189–196, December 2014
3	CHE	Gabriel, Alonzo A. Arellano, Romelia U.	Decimal Reduction Times of Acid-adapted and Non-adapted <i>Escherichia coli</i> O157:H7, <i>Salmonella</i> spp., and <i>Listeria monocytogenes</i> in Young <i>Cocos nucifera</i> Linn. Liquid Endosperm	<i>Food Control</i> , 37: 21–26, March 2014
4	CHE	Gabriel, Alonzo A. Pineda, Jennifer Karen F.	Influences of Vanillin and Licorice Root Extract Supplementations on the Decimal Reduction Times of <i>Escherichia coli</i> O157:H7 in Mildly Heated Young Coconut Liquid Endosperm	<i>Food Control</i> , 38: 136–141, April 2014
5	CHE	Gabriel, Alonzo A. Salazar, Sestinanda Kristina P.	Evaluation of Sodium Benzoate and Licorice (<i>Glycyrrhiza glabra</i>) Root Extract as Heat-sensitizing Additives against <i>Escherichia coli</i> O157:H7 in Mildly Heated Young Coconut Liquid Endosperm	<i>Letters in Applied Microbiology</i> , 59 (2): 139–146, August 2014
6	Engineering	Danao, Louis Angelo M.	Influence of Operating Conditions on Unsteady Wind Performance of Vertical Axis Wind Turbines Operating within Afluctuating Free-stream: A Numerical Study	<i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 135: 76–89, December 2014

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7	Engineering	De Luna, Mark Daniel G.	Adsorption of Eriochrome Black T (EBT) Dye using Activated Carbon Prepared from Waste Rice Hulls - Optimization, Isotherm and Kinetic Studies	<i>Journal of the Taiwan Institute of Chemical Engineers</i> , 44 (4): 646–653, July 2013
8	Engineering	De Luna, Mark Daniel G.	Comparison of Dimethyl Sulfoxide Degradation by Different Fenton Processes	<i>Chemical Engineering Journal</i> , 232: 418–424, October 2013
9	Engineering	De Luna, Mark Daniel G.	Factors Affecting Fenton Oxidation of Acetaminophen in a Fluidized-Bed Reactor	<i>Journal of Environmental Engineering</i> , 140 (1): 77-83, January 2014
10	Engineering	De Luna, Mark Daniel G.	Factors that Influence Degradation of Acetaminophen by Fenton Processes	<i>Journal of the Taiwan Institute of Chemical Engineers</i> , 45 (2): 565–570, March 2014
11	Engineering	De Luna, Mark Daniel G.	Kinetic Study of Acetaminophen Degradation by Visible Light Photocatalysis	<i>Journal of Environmental Science and Health Part A</i> , 49 (8): 892-899, 2014
12	Engineering	De Luna, Mark Daniel G.	Kinetics of Acetaminophen Degradation by Fenton Oxidation in a Fluidized-Bed	<i>Chemosphere</i> , 90 (4): 1444–1448, January 2013
13	Engineering	De Luna, Mark Daniel G.	Phosphate Recovery from Fluidized-bed Wastewater by Struvite Crystallization Technology	<i>Journal of the Taiwan Institute of Chemical Engineers</i> , 45 (5): 2395–2402, September 2014
14	Engineering	Zarco, Mark Albert	An Empirical Model for Predicting Hydraulic Conductivity of Mine Tailings	<i>International Journal of Geomate</i> , 7 (2): 1054-1061, 2014
15	Science	Acebedo, Alvin R. Amor, Evangeline C. Jacinto, Sonia D.	Apoptosis-Inducing Activity of HPLC Fraction from <i>Voacanga globosa</i> (Blanco) Merr. on the Human Colon Carcinoma Cell Line, HTC116	<i>Asian Pacific Journal of Cancer Prevention</i> , 15 (2): 617-622, 2014

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16	Science	Altamia, Marvin A. Concepcion, Gisela P.	Genetic Differentiation among Isolates of <i>Teredinibacter turnerae</i> , A Widely Occurring Intracellular Endosymbiont of Shipworms	<i>Molecular Ecology, (Special Issue: Nature's Microbiome)</i> , 23 (6): 1418–1432, March 2014
17	Science	Aurelio, Mario A.	Stress Behavior from Fault Data Sets Within a Transtensional Zone, South Central Cordillera, Luzon, Philippines: Implications for Mineral Occurrences	<i>Island Arc</i> , 18 (1): 144–154, March 2009
18	Science	Belleza, Oliver John V. Villaraza, Aaron Joseph L.	Ion Charge Density Governs Selectivity in the Formation of Metal–Xylenol Orange (M–XO) Complexes	<i>Inorganic Chemistry Communications</i> , 47: 87–92, September 2014
19	Science	Cabang, April B. Concepcion, Gisela P.	A Family of Excitatory Peptide Toxins from Venomous Crassispirine Snails: Using Constellation Pharmacology to Assess Bioactivity	<i>Toxicon</i> , 89: 45–54, October 2014
20	Science	Cabrera, Olivia C. Villanoy, Cesar L. Jacinto, Gil S. Azanza, Rhodora V.	Salt-plug Estuarine Circulation in Malampaya Sound, Palawan, Philippines	<i>Philippine Science Letters</i> , 7 (2): 428-437, 2014
21	Science	Cao, Ernelea P. Santos, Daisy May C. Santos, Brian S. Quilang, Jonas P.	Molecular and Morphological Differentiation among <i>Coffea</i> (Rubiaceae) Varieties Grown in the Farms of Cavite Province, Philippines	<i>Philippine Science Letters</i> , 7 (2): 387-397, November 2014
22	Science	Chong, Sarah Margaret L. Santos, Daisy May C. Cao, Ernelea P.	Pollen Morphometrics of Four Coffee (<i>Coffea</i> sp.) Varieties Grown in the Philippines	<i>Philippine Journal of Crop Science</i> , 39 (2): 1-7, December 2014

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23	Science	Cruz, Angelo Rafael S. Rivera, Windell L.	Genotype Analysis of <i>Acanthamoeba</i> Isolated from Human Nasal Swabs in the Philippines	<i>Asian Pacific Journal of Tropical Medicine</i> , 7 (Supplement 1): S74–S78, September 2014
24	Science	David, Fredegusto Guido	Sexuality-based Compartmental Model of Spread of HIV in the Philippines	<i>Philippine Science Letter</i> , 7 (1): 62-66, 2014
25	Science	David, Fredegusto Guido De Asis, Richele S.	A Variation of Discrete Silverman's Game with Varying Payoffs	<i>Philippine Science Letters</i> , 6 (1): 16-20, 2013
26	Science	Dimasuay, Kris Genelyn B. Rivera, Windell L.	First Report of <i>Trichomonas tenax</i> Infections in the Philippines	<i>Parasitology International</i> , 63 (2): 400–402, April 2014
27	Science	Española, Carmela P.	Are Populations of Large-bodied Avian Frugivores on Luzon, Philippines, Facing Imminent Collapse?	<i>Animal Conservation</i> , 16 (4): 467-479, August 2013
28	Science	Estacio, Elmer S.	Highly Sensitive Electro-optic Sampling of Terahertz Waves Using Field Enhancement in a Tapered Waveguide Structure	<i>Applied Physics Express</i> , 7 (11): 112041, 3 pages, November 2014
29	Science	Estacio, Elmer S.	Saturation and Polarization Characteristics of 1.56 μm Optical Probe Pulse in a LTG-GaAs Photoconductive Antenna Terahertz Detector	<i>Journal of Infrared, Millimeter, and Terahertz Waves</i> , 34 (7-8), 423-430, August 2013
30	Science	Jumawan, Joycelyn C. Herrera, Annabelle A. Fontanilla, Ian Kendrick C.	DNA Barcodes of the Suckermouth Sailfin Catfish <i>Pterygoplichthys</i> (Siluriformes: Loricariidae) in the Marikina River System, Philippines: Molecular Perspective of an Invasive Alien Fish Species	<i>Philippine Science Letters</i> , 4 (2): 103-113, December 2011

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31	Science	Jumawan, Joycelyn C. Herrera, Annabelle A.	Ovary Morphology and Reproductive Features of the Female Suckermouth Sailfin Catfish, <i>Pterygoplichthys disjunctivus</i> (Weber 1991) from Marikina River, Philippines	<i>Asian Fisheries Science</i> , 27: 75-89, 2014
32	Science	Lluisma, Arturo O.	Novel Venom Peptides from the Cone Snail <i>Conus pulicarius</i> Discovered through Next-generation Sequencing of its Venom Duct Transcriptome	<i>Marine Genomics</i> , 5: 43–51, March 2012
33	Science	Loquias, Manuel Joseph C.	The Coincidence Problem for Shifted Lattices and Crystallographic Point Packings	<i>Acta Crystallographica A-Foundation and Advances</i> , 70 (Part 6): 656-669, November 2014
34	Science	Luczon, Adrian U. Fontanilla, Ian Kendrick C. Ong, Perry S. Basiao, Zenaida U. Quilang, Jonas P.	Genetic Diversity of the Critically Endangered Philippine Eagle <i>Pitheophaga jefferyi</i> (Aves: Accipitridae) and Notes on its Conservation	<i>Journal of Threatened Taxa</i> , 6 (10): 6335-6344, 26 September 2014
35	Science	Maboloc, Elizaldy A. Licuanan, Suzanne Mingoa Villanueva, Ronald D.	Effects of Reduced Salinity on the Heterotrophic Feeding of the Juvenile Giant Clam <i>Tridacna gigas</i>	<i>Journal of Shellfish Research</i> , 33 (2): 373-379, 2014
36	Science	Membreve, Daile Meek Salvador Jacinto, Sonia D. Rivera, Windell L.	<i>Trichomonas vaginalis</i> Induces Cytopathic Effect on Human Lung Alveolar Basal Carcinoma Epithelial Cell Line A549	<i>Experimental Parasitology</i> , 147: 33-40, December 2014
37	Science	Muallil, Richard N.	Fluctuating Asymmetry in Genetically Improved Nile Tilapia, <i>Oreochromis niloticus</i> (Linnaeus), Strains in the Philippines	<i>Philippine Science Letters</i> , 7 (2): 420-427, 2014

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38	Science	Pante, Ma. Josefa R.	Geometric Morphometric Analysis of Shell Shape Variation in <i>Conus</i> (Gastropoda: Conidae)	<i>Zoological Journal of the Linnean Society</i> , 165, (2): 296-310, June 2012
39	Science	Ramos, Dino Angelo	Sea Anemones of Singapore: <i>Synpeachia temasek</i> New Genus, and Redescription of <i>Metapeachia tropica</i> (Cnidaria: Actiniaria: Haloclavidae)	<i>Proceedings of the Biological Society of Washington</i> , 127 (3): 439-454, October 2014
40	Science	Reichardt, Wolfgang T. Reyes, Joeriggo M. Pueblos, Miahnie J. Lluisma, Arturo O.	Impact of Milkfish Farming in the Tropics on Potentially Pathogenic Vibrios	<i>Marine Pollution Bulletin</i> , 77 (1-2): 325–332, 15 December 2013
41	Science	Reyes, Lilibeth Salvador	Evaluation of Class I HDAC Isoform Selectivity of Largazole Analogues	<i>Bioorganic & Medicinal Chemistry Letters</i> , 24 (16) 3728–3731, 15 August 2014
42	Science	Reyes, Lilibeth Salvador	Largazole Pharmacokinetics in Rats by LC-MS/MS	<i>Marine Drugs</i> , 12 (3): 1623-1640, 2014
43	Science	Reyes, Lilibeth Salvador	Modulation of Activity Profiles for Largazole-Based HDAC Inhibitors through Alteration of Prodrug Properties	<i>ACS Medicinal Chemistry Letters</i> , 5 (8): 905–910, 2014
44	Science	Rodriguez, Lillian Jennifer. V.	Daily Rhythm of Mutualistic Pollinator Activity and Scent Emission in <i>Ficus septica</i> : Ecological Differentiation between Co-Occurring Pollinators and Potential Consequences for Chemical Communication and Facilitation of Host	<i>PLOS One</i> , 9 (8): e103581, 11 pages, August 2014
45	Science	Siringan, Fernando P.	Records and Causes of Holocene Salinity Shifts in Laguna de Bay, Philippines	<i>Quaternary International</i> , 349: 207–220, 28 October 2014
46	Science	Tablizo, Francis A. Lluisma, Arturo O.	Non-enzymatic Isolation of Somatic Cells from <i>Kappaphycus</i> spp. and <i>Eucheuma denticulatum</i> (Solieriaceae, Rhodophyta)	<i>European Journal of Phycology</i> , 49 (4): 486-492, 2014

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47	Science	Tablizo, Francis A. Lluisma, Arturo O.	The Mitochondrial Genome of the Red Alga <i>Kappaphycus striatus</i> ("Green Sacol" Variety): Complete Nucleotide Sequence, Genome Structure and Organization, and Comparative Analysis	<i>Marine Genomics</i> , 18 (Part B): 155–161, December 2014
48	Science	Ting, Julie Anne S. Rosario, Leo Mendel D. Lee, Henry Jr. V. Ramos, Henry J. Tumlos, Roy B.	Hydrophobic Coating on Glass Surfaces via Application of Silicone Oil and Activated using a Microwave Atmospheric Plasma Jet	<i>Surface and Coatings Technology</i> , 259 (Part A): 7–11, 25 November 2014
49	Science	Vargas, Ray M. Salvador, Arnel A. Sarmago, Roland V.	Photoluminescence Properties of a Single ZnO Microstructure for Potential Scintillator Applications	<i>Optical Materials</i> , 38: 256–260, December 2014
50	Science	Villaseñor, Irene M. Cariño, Florida A.	Antimicrobial Activity of New Phorbins from <i>Jatropha curcas</i> Linn. (Euphorbiaceae) Leaves	<i>Zeitschrift Fur Naturforschung C</i> , 66: 441-446, 2011
51	Science	Yap, Helen T. Espita, Dang Marviluz L. Montaño, Marco Nemesio E. Benjamin, Caryl S. Gomez, Edgardo D.	Biochemical Comparison of Bleaching and Non-bleaching <i>Montipora digitata</i> (Order Scleractinia) in the Philippines	<i>Philippine Science Letters</i> , 7 (2): 293-299, 2014
52	Science	Yu, Shiny Cathlynn S. Quilang, Jonas P.	Molecular Phylogeny of Catfishes (Teleostei: Siluriformes) in the Philippines Using the Mitochondrial Genes COI, Cyt b, 16S rRNA, and the Nuclear Genes Rag1 and Rag2	<i>Philippine Journal of Science</i> , 143 (2): 187-198, December 2014