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Resilience of Coral-Associated Bacterial Communities Exposed to Fish Farm Effluent

Melissa Garren, Laurie Raymundo, James Guest, C Drew Harvell, Farooq Azam

*), rinsed with sterile seawater, wrapped in **aluminum** foil ... were dried, wrapped in **aluminum** foil, and stored*

PLoS ONE: Research Article, published 06 Oct 2009

10.1371/journal.pone.0007319

Views: 1624 Citations: Yes Bookmarks: None

Multi-Modality Therapeutics with Potent Anti-Tumor Effects: Photochemical Internalization Enhances Delivery of the Fusion Toxin scFvMEL/rGel

Pål K Selbo, Michael G Rosenblum, Lawrence H Cheung, Wendy Zhang, Kristian Berg

*. Chemicals Photosensitizers **Aluminum** phthalocyanine ... with **aluminum** foil, except for the skin over the tumor area*

PLoS ONE: Research Article, published 19 Aug 2009

10.1371/journal.pone.0006691

Views: 881 Citations: Yes Bookmarks: None

A Vault Nanoparticle Vaccine Induces Protective Mucosal Immunity

Cheryl I Champion, Valerie A Kickhoefer, Guangchao Liu, Raymond J Moniz, Amanda S Freed, Liisa L Bergmann, Dana Vaccari, Sujna Raval-Fernandes, Ann M Chan, Leonard H Rome, Kathleen A Kelly

*2008 Silica crystals and **aluminum** salts activate ... in the immunostimulatory properties of **aluminum** adjuvants. Nature 453*

PLoS ONE: Research Article, published 30 Apr 2009

10.1371/journal.pone.0005409

Views: 1908 Citations: Yes Bookmarks: None

Normalization of Voltage-Sensitive Dye Signal with Functional Activity Measures

Kentaroh Takagaki, Michael Thomas Lippert, Benjamin Dann, Tim Wanger, Frank W Ohl

*with **aluminum** foil. The experiment exposed the cortex ... of the cortex protected from bleaching by a piece of **aluminum***

PLoS ONE: Research Article, published 24 Dec 2008

10.1371/journal.pone.0004041

Views: 1313 Citations: None Bookmarks: Yes

The Optokinetic Reflex as a Tool for Quantitative Analyses of Nervous System Function in Mice: Application to Genetic and Drug-Induced Variation

Hugh Cahill, Jeremy Nathans

*mounted on a rotating **aluminum** stage 91 cm above the top ... to the bottom of the rotating **aluminum** stage. Visual stimuli*

PLoS ONE: Research Article, published 30 Apr 2008

10.1371/journal.pone.0002055

Views: 2234 Citations: Yes Bookmarks: None

Structural and Functional Analyses of Five Conserved Positively Charged Residues in the L1 and N-Terminal DNA Binding Motifs of Archaeal RadA Protein

Li-Tzu Chen, Tzu-Ping Ko, Yu-Wei Chang, Kuei-An Lin, Andrew H-J Wang, Ting-Fang Wang

*dsDNA in the presence of ATP and **aluminum** fluoride ...] . **Aluminum** fluoride is able to substitute for phosphate*

PLoS ONE: Research Article, published 12 Sep 2007
10.1371/journal.pone.0000858

Views: 1315 Citations: Yes Bookmarks: None

A New Classification System for the Actions of IRS Chemicals Traditionally Used For Malaria Control

John P Grieco, Nicole L Achee, Theeraphap Chareonviriyaphap, Wannapa Suwonkerd, Kamal Chauhan, Michael R Sardelis, Donald R Roberts

*down. A series of **aluminum** panels were developed ... of **aluminum** wire mesh that prevents the netting from making*

PLoS ONE: Research Article, published 08 Aug 2007
10.1371/journal.pone.0000716

Views: 5229 Citations: Yes Bookmarks: None

The Role of Lactic Acid Adsorption by Ion Exchange Chromatography

Qiang Gao, Fabao Liu, Tongcun Zhang, Jian Zhang, Shiru Jia, Changyan Yu, Kunyu Jiang, Nianfa Gao

*on **aluminum** biosorption from aqueous solution by brown algae*

PLoS ONE: Research Article, published 11 Nov 2010
10.1371/journal.pone.0013948

Views: 339 Citations: None Bookmarks: None

Influence of Microbial Biofilms on the Preservation of Primary Soft Tissue in Fossil and Extant Archosaurs

Joseph E Peterson, Melissa E Lenczewski, Reed P Scherer

*and then mounted to **aluminum** stubs by either SEM Sticky Tabs*

PLoS ONE: Research Article, published 12 Oct 2010
10.1371/journal.pone.0013334

Views: 988 Citations: None Bookmarks: None

Allelopathic Effects of Water Hyacinth [*Eichhornia crassipes*]

Sanaa M M Shanab, Emad A Shalaby, David A Lightfoot, Hany A El-Shemy

*, Sulfur, Ferric, Manganese, **Aluminum**, Boron, Cupper*

PLoS ONE: Research Article, published 08 Oct 2010
10.1371/journal.pone.0013200

Views: 858 Citations: None Bookmarks: None

Arboreal Ants Use the "Velcro® Principle" to Capture Very Large Prey

Alain Dejean, Céline Leroy, Bruno Corbara, Olivier Roux, Régis Céréghino, Jérôme Orivel, Raphaël Boulay

*pieces of **aluminum** of varying weights (0.075 g; 0.125*

PLoS ONE: Research Article, published 25 Jun 2010
10.1371/journal.pone.0011331

Views: 7044 Citations: Yes Bookmarks: None

Control Growth Factor Release Using a Self-Assembled [polycation : heparin] Complex

Blaine J Zern, Hunghao Chu, Yadong Wang

*was lyophilized on an SEM **aluminum** stub and sputtered with gold*

PLoS ONE: Research Article, published 08 Jun 2010
10.1371/journal.pone.0011017

Views: 543 Citations: None Bookmarks: None

Flower Bats (*Glossophaga soricina*) and Fruit Bats (*Carollia perspicillata*) Rely on Spatial Cues over Shapes and Scents When Relocating Food

Gerald G Carter, John M Ratcliffe, Bennett G Galef

*, or upwards, and a small **aluminum**-foil dish holding one*

PLoS ONE: Research Article, published 25 May 2010
10.1371/journal.pone.0010808

Views: 813 Citations: Yes Bookmarks: None

Bactericidal Performance of Visible-Light Responsive Titania Photocatalyst with Silver Nanostructures

Ming-Show Wong, Der-Shan Sun, Hsin-Hou Chang

*placed in an **aluminum** oxide crucible and heat-treated*

PLoS ONE: Research Article, published 29 Apr 2010
10.1371/journal.pone.0010394

Views: 772 Citations: Yes Bookmarks: None

Bacterial Deposition of Gold on Hair: Archeological, Forensic and Toxicological Implications

Genevieve Phillips, Frank Reith, Clifford Qualls, Abdul-Mehdi Ali, Mike Spilde, Otto Appenzeller

*), Silica (Si), **Aluminum** (Al), Oxygen (O) and Carbon (C*

PLoS ONE: Research Article, published 19 Feb 2010
10.1371/journal.pone.0009335

Views: 939 Citations: None Bookmarks: None

Constructing Fluorogenic *Bacillus* Spores (F-Spores) via Hydrophobic Decoration of Coat Proteins

Linda Ferencko, Boris Rotman

*on an **aluminum** pin, excess sucrose was removed with a filter*

PLoS ONE: Research Article, published 19 Feb 2010
10.1371/journal.pone.0009283

Views: 800 Citations: None Bookmarks: Yes

Towards a Green Hydrate Inhibitor: Imaging Antifreeze Proteins on Clathrates

Raimond Gordienko, Hiroshi Ohno, Vinay K Singh, Zongchao Jia, John A Ripmeester, Virginia K Walker

*and the adhered polycrystal was wrapped in **aluminum** foil*

PLoS ONE: Research Article, published 11 Feb 2010
10.1371/journal.pone.0008953

Views: 990 Citations: Yes Bookmarks: None

Association of Group B *Streptococcus* Colonization and Bovine Exposure: A Prospective Cross-Sectional Cohort Study

Shannon D Manning, A Cody Springman, Amber D Million, Nicole R Milton, Sara E McNamara, Patricia A Somsel, Paul Bartlett, H Dele Davies

***aluminum** container to avoid cross-contamination. Several*

PLoS ONE: Research Article, published 20 Jan 2010
10.1371/journal.pone.0008795

Views: 1403 Citations: Yes Bookmarks: None

Treatment of Alzheimer's Disease with Anti-Homocysteic Acid Antibody in 3xTg-AD Male Mice

Tohru Hasegawa, Nobuyuki Mikoda, Masashi Kitazawa, Frank M LaFerla

*a circular **aluminum** tank (1.5 m in diameter) painted white*

PLoS ONE: Research Article, published 20 Jan 2010
10.1371/journal.pone.0008593

Views: 2565 Citations: Yes Bookmarks: None

Ecoimmunity in Darwin's Finches: Invasive Parasites Trigger Acquired Immunity in the Medium Ground Finch (*Geospiza fortis*)

Sarah K Huber, Jeb P Owen, Jennifer A H Koop, Marisa O King, Peter R Grant, B Rosemary Grant, Dale H Clayton

*of one **aluminum** ring and three darvic color bands*

PLoS ONE: Research Article, published 06 Jan 2010

10.1371/journal.pone.0008605

Views: 1401 Citations: Yes Bookmarks: Yes

Aspergillus terreus Accessory Conidia Are Unique in Surface Architecture, Cell Wall Composition and Germination Kinetics

Eszter Deak, Selwyn D Wilson, Elizabeth White, Janice H Carr, S Arunmozhi Balajee

*was then mounted on an **aluminum** stub with silver paint*

PLoS ONE: Research Article, published 30 Oct 2009
10.1371/journal.pone.0007673

Views: 776 Citations: Yes Bookmarks: None

Malarial Hemozoin Is a Nalp3 Inflammasome Activating Danger Signal

Catherine Dostert, Greta Guarda, Jackeline F Romero, Philippe Menu, Olaf Gross, Aubry Tardivel, Mario-Luca Suva, Jean-Christophe Stehle, Manfred Kopf, Ivan Stamenkovic, Giampietro Corradin, Jurg Tschopp

*and **aluminum** salts activate the NALP3 inflammasome through*

PLoS ONE: Research Article, published 04 Aug 2009
10.1371/journal.pone.0006510

Views: 2921 Citations: Yes Bookmarks: None

The Generation of Forces and Moments during Visual-Evoked Steering Maneuvers in Flying *Drosophila*

Hiroki Sugiura, Michael H Dickinson

*a set of weights constructed from **aluminum** foil strips*

PLoS ONE: Research Article, published 20 Mar 2009
10.1371/journal.pone.0004883

Views: 891 Citations: Yes Bookmarks: None

Taking Ecological Function Seriously: Soil Microbial Communities Can Obviate Allelopathic Effects of Released Metabolites

Harleen Kaur, Rajwant Kaur, Surinder Kaur, Ian T Baldwin, Inderjit

*for cations such as **aluminum**, iron or magnesium*

PLoS ONE: Research Article, published 11 Mar 2009
10.1371/journal.pone.0004700

Views: 1345 Citations: Yes Bookmarks: None

QTL Mapping in New *Arabidopsis thaliana* Advanced Intercross-Recombinant Inbred Lines

Sureshkumar Balasubramanian, Christopher Schwartz, Anandita Singh, Norman Warthmann, Min Chul Kim, Julin N Maloof, Olivier Loudet, Gabriel T Trainer, Tsegaye Dabi, Justin O Borevitz, Joanne Chory, Detlef Weigel

*in **aluminum** foil. Seeds were grown in white (40 μE m −2 sec*

PLoS ONE: Research Article, published 02 Feb 2009
10.1371/journal.pone.0004318

Views: 3384 Citations: Yes Bookmarks: Yes

Natural Disease Resistance in Threatened Staghorn Corals

Steven V Vollmer, David I Kline

*with numbered **aluminum** tags along permanent transects in a 3×6*

PLoS ONE: Research Article, published 13 Nov 2008
10.1371/journal.pone.0003718

Views: 2199 Citations: Yes Bookmarks: Yes

Dinosaurian Soft Tissues Interpreted as Bacterial Biofilms

Thomas G Kaye, Gary Gaugler, Zbigniew Sawlowicz

*to **aluminum** stubs with high purity carbon tabs. Initial*

PLoS ONE: Research Article, published 30 Jul 2008
10.1371/journal.pone.0002808

Views: 14733 Citations: Yes Bookmarks: Yes

LED Arrays as Cost Effective and Efficient Light Sources for Widefield Microscopy

Dinu F Albeanu, Edward Soucy, Tomokazu F Sato, Markus Meister, Venkatesh N Murthy

nm Roithner Laser Technik, Heat sink 47×20 TO-66 ***Aluminum***

PLoS ONE: Research Article, published 14 May 2008

10.1371/journal.pone.0002146

Views: 4801 Citations: Yes Bookmarks: Yes

Nutrition or Detoxification: Why Bats Visit Mineral Licks of the Amazonian Rainforest

Christian C Voigt, Krista A Capps, Dina K N Dechmann, Robert H Michener, Thomas H Kunz

Spatial and temporal variation in calcium and ***aluminum***

PLoS ONE: Research Article, published 23 Apr 2008

10.1371/journal.pone.0002011

Views: 4075 Citations: Yes Bookmarks: None

Phase 1 Study of a Combination AMA1 Blood Stage Malaria Vaccine in Malian Children

Alassane Dicko, Issaka Sagara, Ruth D Ellis, Kazutoyo Miura, Ousmane Guindo, Beh Kamate, Moussa Sogoba, Mohamed Balla Niambelé, Mady Sissoko, Mounirou Baby, Amagana Dolo, Gregory E D Mullen, Michael P Fay, Mark Pierce, Dapa A Diallo, Allan Saul, Louis H Miller, Ogobara K Doumbo

µg of ***aluminum*** *(Alhydrogel®, HCI Biosector, Denmark) per dose*

PLoS ONE: Research Article, published 13 Feb 2008

10.1371/journal.pone.0001563

Views: 2422 Citations: Yes Bookmarks: None

Printing Multistrain Bacterial Patterns with a Piezoelectric Inkjet Printer

Jack Merrin, Stanislas Leibler, John S Chuang

to a different ink source (Figure 1B). An ***aluminum*** *platform*

PLoS ONE: Research Article, published 25 Jul 2007

10.1371/journal.pone.0000663

Views: 2795 Citations: Yes Bookmarks: Yes

Ontogeny of Toll-Like Receptor Mediated Cytokine Responses of Human Blood Mononuclear Cells

Nathan P Corbett, Darren Blimkie, Kevin C Ho, Bing Cai, Darren P Sutherland, Arlene Kallos, Juliet Crabtree, Annie Rein-Weston, Pascal M Lavoie, Stuart E Turvey, Natalie R Hawkins, Steven G Self, Christopher B Wilson, Adeline M Hajjar, Edgardo S Fortuno, Tobias R Kollmann

sealed with sterile ***aluminum*** *plate sealers (USA ... were sealed with sterile* ***aluminum*** *plate sealers*

PLoS ONE: Research Article, published 30 Nov 2010

10.1371/journal.pone.0015041

Views: 468 Citations: None Bookmarks: None

Preservation of Differentiation and Clonogenic Potential of Human Hematopoietic Stem and Progenitor Cells during Lyophilization and Ambient Storage

Sandhya S Buchanan, David W Pyatt, John F Carpenter

to environment and hermetically sealed in ***aluminum*** *pans ... containing dehydrated samples were sealed with* ***aluminum***

PLoS ONE: Research Article, published 01 Sep 2010

10.1371/journal.pone.0012518

Views: 593 Citations: None Bookmarks: None

Preclinical Evaluation of a Replication-Deficient Intranasal ΔNS1 H5N1 Influenza Vaccine

Julia Romanova, Brigitte M Krenn, Markus Wolschek, Boris Ferko, Ekaterina Romanovskaja-Romanko, Alexander Morokutti, Anna-Polina Shurygina, Sabine Nakowitsch, Tanja Ruthsatz, Bettina Kiefmann, Ulrich König, Michael Bergmann, Monika Sachet, Shobana Balasingam, Alexander Mann, John Oxford, Martin Slais, Oleg Kiselev, Thomas Muster, Andrej Egorov

__aluminum__ or newly developed oil-in-water emulsions (MF59, ASO3) [5] – [10] . Two doses of __aluminum__ adjuvanted

PLoS ONE: Research Article, published 19 Jun 2009
10.1371/journal.pone.0005984

Views: 2487 Citations: Yes Bookmarks: None

Functional Connectivity in Tactile Object Discrimination—A Principal Component Analysis of an Event Related fMRI-Study

Susanne Hartmann, John H Missimer, Cornelia Stoeckel, Eugenio Abela, Jon Shah, Rüdiger J Seitz, Bruno J Weder

of solid parallelepipeds, i.e. blocks of pure __aluminum__ ... __aluminum__; four different parallelepipeds differing

PLoS ONE: Research Article, published 02 Dec 2008
10.1371/journal.pone.0003831

Views: 876 Citations: Yes Bookmarks: None

Carbocyanine Dye Usage in Demarcating Boundaries of the Aged Human Red Nucleus

Satoru Onodera, T Philip Hicks

) in stoppered glass jars wrapped in __aluminum__ foil

PLoS ONE: Research Article, published 23 Dec 2010
10.1371/journal.pone.0014430

Views: 116 Citations: None Bookmarks: None

Intracellular Uptake: A Possible Mechanism for Silver Engineered Nanoparticle Toxicity to a Freshwater Alga *Ochromonas danica*

Ai-Jun Miao, Zhiping Luo, Chi-Shuo Chen, Wei-Chun Chin, Peter H Santschi, Antonietta Quigg

the toxicity of silver, copper, __aluminum__, nickel, and cobalt

PLoS ONE: Research Article, published 22 Dec 2010
10.1371/journal.pone.0015196

Views: 177 Citations: None Bookmarks: None

Migration of Periodontal Ligament Fibroblasts on Nanometric Topographical Patterns: Influence of Filopodia and Focal Adhesions on Contact Guidance

Douglas W Hamilton, Christine J Oates, Abdollah Hasanzadeh, Silvia Mittler

:yttrium, __aluminum__, and garnet (Er:YAG) laser [8

PLoS ONE: Research Article, published 01 Dec 2010
10.1371/journal.pone.0015129

Views: 325 Citations: None Bookmarks: None

The Formulated Microbicide RC-101 Was Safe and Antivirally Active Following Intravaginal Application in Pigtailed Macaques

Alexander M Cole, Dorothy L Patton, Lisa C Rohan, Amy L Cole, Yvonne Cosgrove-Sweeney, Nicole A Rogers, Deena Ratner, Alexandra B Sassi, Carol Lackman-Smith, Patrick Tarwater, Bharat Ramratnam, Piotr Ruchala, Robert I Lehrer, Alan J Waring, Phalguni Gupta

in PET/__Aluminum__ foil pouches (Amcor Flexibles

PLoS ONE: Research Article, published 29 Nov 2010
10.1371/journal.pone.0015111

Views: 251 Citations: None Bookmarks: None

Attenuated Response of Aged Mice to Respiratory *Francisella novicida* Is Characterized by Reduced Cell Death and Absence of Subsequent Hypercytokinemia

Chris A Mares, Jyotika Sharma, Sandra S Ojeda, Qun Li, Jocelyn A Campos, Elizabeth G Morris, Jacqueline J Coalson, Judy M Teale

*sections were wrapped in **aluminum** foil and stored at −80*

PLoS ONE: Research Article, published 23 Nov 2010
10.1371/journal.pone.0014088

Views: 228 Citations: None Bookmarks: None

How Can Dolphins Recognize Fish According to Their Echoes? A Statistical Analysis of Fish Echoes

Yossi Yovel, Whitlow W L Au

*an acoustic mirror consisting of a flat 0.63 thick **aluminum***

PLoS ONE: Research Article, published 19 Nov 2010
10.1371/journal.pone.0014054

Views: 688 Citations: None Bookmarks: None

Structural Basis for the Secretion of EvpC: A Key Type VI Secretion System Protein from *Edwardsiella tarda*

Chacko Jobichen, Smarajit Chakraborty, Mo Li, Jun Zheng, Lissa Joseph, Yu-Keung Mok, Ka Yin Leung, J Sivaraman

***aluminum** centerpieces and equipped with absorbance optics*

PLoS ONE: Research Article, published 23 Sep 2010
10.1371/journal.pone.0012910

Views: 477 Citations: None Bookmarks: None

Increase on the Initial Soluble Heme Levels in Acidic Conditions Is an Important Mechanism for Spontaneous Heme Crystallization *In Vitro*

Renata Stiebler, Anh N Hoang, Timothy J Egan, David W Wright, Marcus F Oliveira

*sprinkled onto **aluminum** stubs pre-coated with an almost*

PLoS ONE: Research Article, published 13 Sep 2010
10.1371/journal.pone.0012694

Views: 347 Citations: None Bookmarks: None

When Ears Drive Hands: The Influence of Contact Sound on Reaching to Grasp

Umberto Castiello, Bruno L Giordano, Chiara Begliomini, Caterina Ansuini, Massimo Grassi

*with objects covered with different materials (i.e., **aluminum***

PLoS ONE: Research Article, published 17 Aug 2010
10.1371/journal.pone.0012240

Views: 524 Citations: None Bookmarks: Yes

Assessing Website Pharmacy Drug Quality: Safer Than You Think?

Roger Bate, Kimberly Hess

*this website arrived wrapped in **aluminum** foil*

PLoS ONE: Research Article, published 13 Aug 2010
10.1371/journal.pone.0012199

Views: 1212 Citations: None Bookmarks: None

Cholesterol Crystals Activate the NLRP3 Inflammasome in Human Macrophages: A Novel Link between Cholesterol Metabolism and Inflammation

Kristiina Rajamäki, Jani Lappalainen, Katariina Öörni, Elina Välimäki, Sampsa Matikainen, Petri T Kovanen, Kari K Eklund

*crystals and **aluminum** salts activate the NALP3*

PLoS ONE: Research Article, published 23 Jul 2010
10.1371/journal.pone.0011765

Views: 1699 Citations: None Bookmarks: None

Structural Changes of the Paraflagellar Rod during Flagellar Beating in *Trypanosoma cruzi*

Gustavo Miranda Rocha, Dirceu Esdras Teixeira, Kildare Miranda, Gilberto Weissmüller, Paulo Mascarello Bisch, Wanderley de Souza

*. Cells were then mounted on **aluminum** support disks*

PLoS ONE: Research Article, published 30 Jun 2010

10.1371/journal.pone.0011407

Views: 662 Citations: None Bookmarks: None

Modeling Susceptibility versus Resistance in Allergic Airway Disease Reveals Regulation by Tec Kinase Itk

Nisebita Sahu, J Luis Morales, Deborah Fowell, Avery August

*is initially administered with the adjuvant **aluminum***

PLoS ONE: Research Article, published 28 Jun 2010

10.1371/journal.pone.0011348

Views: 366 Citations: None Bookmarks: None

HDAC6 Regulates Mitochondrial Transport in Hippocampal Neurons

Sigeng Chen, Geoffrey C Owens, Helen Makarenkova, David B Edelman

*chamber and on its **aluminum** base. Fluorescence*

PLoS ONE: Research Article, published 26 May 2010

10.1371/journal.pone.0010848

Views: 2244 Citations: Yes Bookmarks: None

A Single Immunization with Soluble Recombinant Trimeric Hemagglutinin Protects Chickens against Highly Pathogenic Avian Influenza Virus H5N1

Lisette A H M Cornelissen, Robert P de Vries, Els A de Boer-Luijtze, Alan Rigter, Peter J M Rottier, Cornelis A M de Haan

*20 700 707 27 RK Gupta 1998 **Aluminum** compounds*

PLoS ONE: Research Article, published 14 May 2010

10.1371/journal.pone.0010645

Views: 1165 Citations: Yes Bookmarks: None

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