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

10.1371/journal.pone.0006691
Views: 881 Citations: Yes Bookmarks: None

A Vault Nanoparticle Vaccine Induces Protective Mucosal Immunity

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

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

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

The Role of Lactic Acid Adsorption by Ion Exchange Chromatography
Qiang Gao, Fabao Liu, Tongcun Zhang, Jian Zhang, Shinu 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

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

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

Arboreal Ants Use the “Velcro® Principle” to Capture Very Large Prey
Alain Dejean, Céline Leroy, Bruno Corbara, Olivier Roux, Régis Cérégino, 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

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

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
**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 Quails, 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 McNamara, Patricia A Somesel, Paul Bartlett, H Dele Davies

*an 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
**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 Arunmozi Balajee

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

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

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*

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, Suninder Kaur, Ian T Baldwin, Inderjit

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

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

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*

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
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 Niambélé, 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
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
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 ∆NS1 H5N1 Influenza Vaccine

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


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 Hasanazadeh, 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 Ruchaia, 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, Katarina Öömi, 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