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Journal of plant research

The avocado defense compound phenol-2,4-bis (1,1-dimethylethyl) is induced by arachidonic acid and acts via the inhibition of hydrogen peroxide production by pathogens

Romero-Correa Maria Teresa, Villa-Gomez Rosaura, Castro-Mercado Elda, Garcia-Pineda Ernesto (2014)
Physiological and Molecular Plant Pathology

The personality types of key catalytic individuals shape colonies' collective behaviour and success

Jonathan N. Pruitt, Carl N. Keiser (2014)
Animal Behaviour 93 p. 87-95

A guide to screening charcoal peaks in macrocharcoal-area records for fire-episode reconstructions

W. Finsinger, R. Kelly, J. Fevre, E. K. Magyari (2014)
The Holocene p. 0959683614534737-

Description of *Anopheles gabonensis*, a new species potentially involved in rodent malaria transmission in Gabon, Central Africa

Rahola Nil, Makanga Boris, Yangari Patrick, Jiolle Davy, Fontenille Didier, Renaud Francois, Ollomo Benjamin, Ayala Diego, Prugnolle Franck, Paupy Christophe (2014)
Infection, genetics and evolution

***Meteorus Haliday* (Hymenoptera: Braconidae) parasitoids of Pyralidae: description and biology of two new species and first record of *Meteorus desmiae* Zitani, 1998 from Ecuador**

Helmuth Aguirre, Scott R. Shaw (2014)
Journal of Natural History p. 1-14

The biological and electrical trade-offs related to the thickness of conducting polymers for neural applications

Sungchul Baek, Rylie A Green, Laura A Poole-Warren (2014)
Acta biomaterialia

Use of locomotor performance capacities reflects the risk level associated with specific cue types in two cursorial spider species

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Journal of Arachnology 42 (1) p. 79-85

Comparative squamation of the lateral line canal pores in sharks

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A Molecular Method to Correlate Bloodstains with Wound Site for Crime Scene Reconstruction

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Journal of forensic sciences

Functional network analysis of obese and lean Goettingen minipigs elucidates changes in oxidative and inflammatory networks in obese pigs

Harrie C M Boonen, Sophia G Moesgaard, Malene M Birck, Berit O Christoffersen, Susanna Cirera, Peter M H Heegaard, Tina Rodgaard Hojbøge, Lars J Jensen, Alan Mortensen, Lisbeth Hoier Olsen, Majid Sheykhzade, Jiaowei Tang, Jens Lykkesfeldt (2014)
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The first dorsal-eyed bivalved arthropod and its significance for early arthropod evolution

Dongjing Fu, Xingliang Zhang, Graham E. Budd (2014)
GFF p. 1-5

oca2 regulation of chromatophore differentiation and number is cell type specific in zebrafish

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Pigment cell & melanoma research

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Youssef S Al Jabbari, Theodoros Koutsoukis, Xanthoula Barmpagadaki, Ehab A El-Danaf, Raymond A Fournelle, Spiros Zinelis (2013)
Lasers in medical science

Ube3a, the E3 ubiquitin ligase causing Angelman syndrome and linked to autism, regulates protein homeostasis through the proteasomal shuttle Rpn10

So Young Lee, Juanma Ramirez, Maribel Franco, Benoit Lectez, Monika Gonzalez, Rosa Barrio, Ugo Mayor (2013)

Cellular and molecular life sciences

An Integrated Microrobotic Platform for On-Demand, Targeted Therapeutic Interventions

Stefano Fusco, Mahmut Selman Sakar, Stephen Kennedy, Christian Peters, Rocco Bottani, Fabian Starsich, Angelo Mao, Georgios A. Sotiriou, Salvador Pane, Sotiris E. Pratsinis, David Mooney, Bradley J. Nelson (2013)

Advanced Materials

Morphological and Molecular Characterization of a New Nearctic Species of Calligrapha Chevrolat, 1836 (Coleoptera: Chrysomelidae, Chrysomelinae) from Central Mexico

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Proceedings of the Entomological Society of Washington 115 (4) p. 369-391

Effects of parasitism on aphid nutritional and protective symbioses

Adam J Martine, Stephanie R Weldon, Kerry M Oliver (2013)

Molecular ecology

Systematics of the New Caledonian endemic genus Taophila Heller (Coleoptera: Chrysomelidae, Eumolpinae) combining morphological, molecular and ecological data, with description of two new species

Jesus Gomez-Zurita, Anabela Cardoso (2013)

Systematic Entomology

A Pitx transcription factor controls the establishment and maintenance of the serotonergic lineage in planarians

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The Journal of Advanced Prosthodontics 5 (3) p. 226

Production and partial purification of cellulase from a novel fungus, Aspergillus flavus BS1

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Annals of Microbiology

The use of virtual ground to control transmembrane voltages and measure bilayer currents in serial arrays of droplet interface bilayers

Stephen A Sarles (2013)

Smart Materials and Structures 22 (9) p. 094023

Histological and ultrastructural changes in canola (*Brassica napus*) funicular anatomy during the seed lifecycle

Ainsley Chan, Mark Findlay Belmonte (2013)

Botany p. 130819143646007

Avocado roots treated with salicylic acid produce phenol-2,4-bis (1,1-dimethylethyl), a compound with antifungal activity

Gerardo Rangel-Sanchez, Elda Castro-Mercado, Ernesto Garcia-Pineda (2013)

Journal of Plant Physiology

MORPHOLOGICAL PLASTICITY OF STREPTOCOCCUS ORALIS ISOLATES FOR BIOFILM PRODUCTION, INVASIVENESS, AND ARCHITECTURAL PATTERNS

Maria Teresa Corcuera, Maria Luisa Gomez-Lus, Fernando Gomez-Aguado, Juan Ramon Maestre, Maria del Carmen Ramos, Maria Jose Alonso, Jose Prieto (2013)

Archives of Oral Biology

The species of *Aspidorhynchus* Agassiz, 1833 (*Neopterygii*, *Aspidorhynchiformes*) from the Jurassic plattenkalks of Southern Germany

Adriana Lopez-Arbarello, Kerstin M. Schroder (2013)

Palaeontologische Zeitschrift

Qualitative and quantitative agar invasion test based on bacterial colony/biofilm

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Journal of microbiological methods

Ontogeny and dimorphism of *Isoxys auritus* (Arthropoda) from the Early Cambrian Chengjiang biota, South China

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Maintenance of Melanophore Morphology and Survival Is Cathepsin and vps11 Dependent in Zebrafish

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PLoS ONE 8 (5) p. e65096

Integrated electrode and high density feedthrough system for chip-scale implantable devices

Rylie A Green, Thomas Guenther, Christoph Jeschke, Amandine Jaillon, Jin F Yu, Wolfram F Dueck, William W Lim, William C Henderson, Anne Vanhoestenbergh, Nigel H Lovell, Gregg J Suanning (2013)
Biomaterials

An early Iron Age assemblage of faience beads from Ashkelon, Israel: chemical composition and manufacturing process

Michael B. Toffolo, Eugenia Klein, Rivka Elbaum, Adam J. Aja, Daniel M. Master, Elisabetta Boaretto (2013)
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Derivation of extraembryonic endoderm stem (XEN) cells from mouse embryos and embryonic stem cells

Kathy K Niakan, Nadine Schrode, Lily T Y Cho, Anna-Katerina Hadjantonakis (2013)
Nature protocols 8 (6) p. 1028-41

Multi-allelic Phenotyping: A systematic approach for the simultaneous analysis of multiple induced mutations

Christopher M Dooley, Catherine Scahill, Fruzsina Fenyes, Ross N W Kettleborough, Derek L Stemple, Elisabeth M Busch-Nentwich (2013)
Methods (San Diego, Calif.)

Loss of the Birt-Hogg-Dube gene product Folliculin induces longevity in a hypoxia-inducible factor dependent manner

Hakam Gharbi, Francesca Fabretti, Puneet Bharill, Markus Rinschen, Sibylle Brinkkoetter, Peter Frommolt, Volker Burst, Bernhard Schermer, Thomas Benzing, Roman-Ulrich Mueller (2013)
Aging cell

Myogenic tone is impaired at low arterial pressure in mice deficient in the low-voltage-activated CaV3.1 T-type Ca²⁺ channel

K Bjorling, H Morita, M F Olsen, A Prodan, P B Hansen, P Lory, N-H Holstein-Rathlou, L J Jensen (2013)
Acta physiologica (Oxford, England) 207 (4) p. 709-20

Anatomy of the floral nectary of ornithophilous *Elleanthus brasiliensis* (Orchidaceae: Sobralieae)

Carlos E. P. Nunes, Marilia de MORAES Castro, Leonardo Galetto, Marlies Sazima (2013)
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Assessing the Effects of Rearing Environment, Natural Selection, and Developmental Stage on the Emergence of a Behavioral Syndrome

Kayla Sweeney, Ryan D. H. Gadd, Zachary L. Hess, Donna R. McDermott, Leigh MacDonald, Patrick Cotter, Fawn Armagost, Jason Z. Chen, Aric W. Berning, Nicholas DiRienzo, Jonathan N. Pruitt (2013)
Ethology

Mobility Experiments with Microrobots for Minimally Invasive Intraocular Surgery

Franziska Ullrich, Christos Bergeles, Juho Pokki, Olgac Ergeneman, Sandro Erni, George Chatzipirpiridis, Salvador Pane, Carsten Framme, Bradley J Nelson (2013)
Investigative ophthalmology & visual science p. iovs.13-11825-

Lignocellulolytic activities of a novel strain of *Trichoderma harzianum*

M. Rubeena (2013)
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Cost limitation through constrained oviposition site in a plant-pollinator/seed predator mutualism

Anne-Marie Labouche, Giorgia Bernasconi (2013)
Functional Ecology

Phenotyping of Left and Right Ventricular Function in Mouse Models of Compensated Hypertrophy and Heart Failure with Cardiac MRI

Bastiaan J. van Nierop, Hans C. van Assen, Elza D. van Deel, Leonie B. P. Niesen, Dirk J. Duncker, Gustav J. Strijkers, Klaas Nicolay (2013)
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Feathered non-avian dinosaurs from North America provide insight into wing origins

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Revision of North American Aleiodes (Part 9): the pallidator (Thunberg) species-group with description of two new species (Hymenoptera: Braconidae, Rogadinae)

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A novel strain of Trichoderma viride shows complete lignocellulolytic activities

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Elahe Esfandiari, Zhaoqing Jin, Ashraf Abdeen, Jonathan S Griffiths, Tamara L Western, George W Haughn (2012)
Plant molecular biology p. 1-12

Marginal and internal fit of CAD/CAM and slip-cast made zirconia copings

Kianoosh Torabi Ardekani, Ahmad Hassan Ahangari, Leila Farahi (2012)
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Quantitative Analysis of Plasmodium berghei Liver Stages by Bioluminescence Imaging

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Two new species of *Tmesiphantes* Simon (Araneae, Mygalomorphae, Theraphosidae) from the state of Minas Gerais, Brazil

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Sexual cannibalism is associated with female behavioural type, hunger state and increased hatching success

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A new fossil genus and species of snakefly (Raphidioptera: Mesoraphidiidae) from Lower Cretaceous Lebanese amber, with a discussion of snakefly phylogeny and fossil history

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TAXONOMIC UTILITY OF EGG MICROSCULPTURE: MATERNAL EFFECTS AND VARIATION IN EGGS OF PARNASSIUS SMINTHEUS DOUBLEDAY (PAPILIONIDAE)

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