

UNIVERSIDADE ESTADUAL DE MARINGÁ
PRODUÇÃO CIENTÍFICA DOS DOCENTES DO PROGRAMA DE PÓS-GRADUAÇÃO
EM QUÍMICA PUBLICADAS EM 2016

3-nitropropionic acid production by the endophytic *Diaporthe citri*: molecular taxonomy, chemical characterization, and quantification under pH variation

Julio Cesar Polonio 06878701945
Marcos Alessandro dos Santos Ribeiro
Sandro Augusto Rhoden 02321682965
Maria Helena Sarragiotto
Joao Lucio de Azevedo 04103262834
Joao Alencar Pamphile 93125046734
Fungal Biology 120(12):1600-1608 2016
<http://dx.doi.org/10.1016/j.funbio.2016.08.006>

Acute toxicity, antidermatogenic activity, and chemical constituents of *Palicourea rigida* Kunth

Vanessa Guimarães Alves
Eliza Aguayo Rosa
Laura Licia Milani de Arruda
Bruno Ambrosio da Rocha 36367986855
Ciomar Bersani Amado
Silvana Maria de Oliveira Santin
Armando Mateus Pomini
Cleuza Conceição da Silva
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Acyl-homoserine lactone from *Saccharum x officinarum* with stereochemistry-dependent growth regulatory activity

Vanessa Guimaraes Alves Olher
Nagela Priscila Ferreira
Alan Groff de Souza 07493883904
Lucas Ulisses Rovigatti Chiavelli
Aline Finger Teixeira 04190794910
Wanderley Dantas Santos
Silvana Maria de Oliveira Santin
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Cleuza Conceição da Silva
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Advanced fibroblast proliferation inhibition for biocompatible coating by electrostatic layer-by-layer assemblies of heparin and chitosan derivatives

Heveline Dal Magro Follmann
Alliny Ferreira Naves
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Olivier Felix
Gero Decher
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Aminodextran polymer-functionalized reactive magnetic emulsions for potential theranostic applications

Michele Karoline Lima Tenorio
Edgardo Alfonso Gomez Pineda
Nasir Mehmood Ahmad
Geraldine Agusti
Sadia Manzoor

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Abdelhamid Elaissari
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Antimicrobial and antioxidant activity of essential oil and different plant extracts of *Psidium cattleianum*
Sabine
Mayara Camila Scur
Fabiana Gisele da Silva Pinto
Jessica Angela Pandini
Willian Ferreira da Costa
Camila Wihby Leite
Livia Godinho Temponi
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Antioxidant effects of a propolis extract and vitamin E in blood and milk of dairy cows fed diet containing flaxseed oil
Nadine Woruby Santos
Emerson Henry Yoshimura
Erica Machado
Paula Toshimi Matumoto Pintro
Paula Fernandes Montanher
Jesui Vergilio Visentainer
Geraldo Tadeu dos Santos
Lucia Maria Zeoula
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Application of Enzymes in Sunflower Oil Extraction: Antioxidant Capacity and Lipophilic Bioactive Composition
Suellen Andressa Oenning Ribeiro
Antonio Eduardo Nicacio
Ana Beatriz Zanqui
Polyana Batoque França Biondo
Benício Alves de Abreu-Filho
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Application of multivariate analysis to assess the incorporation of omega-3 fatty acid in gluten-free cakes
Aline Kirie Gohara
Aloisio Henrique P Souza
Eliza Mariane Rotta
Gisely Luzia Stroher
Sandra Teresinha Marques Gomes
Jesui Vergilio Visentainer
Nilson Evelazio de Souza
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Biotin-targeted Pluronic® P123/F127 mixed micelles delivering niclosamide: A repositioning strategy to treat drug-resistant lung cancer cells

Annapina Russo
Diogo Silva Pellosi
Valentina Pagliara
Maria Rita Milone
Biagio Pucci
Wilker Caetano
Noboru Hioka
Alfredo Budillon
Francesca Ungaro
Giulia Russo
Fabiana Quaglia

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C5 induces different cell death pathways in promastigotes of *Leishmania amazonensis*

Edevi Arbonelli Mendes
Vania Cristina Desoti
Sueli de Oliveira Silva
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Benedito Prado Dias Filho
sueli Fumie Yamada Ogatta
Maria Helena Sarragiotto
Celson Vataru Nakamura

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Sheila Mara Sanches Lopes
Mariane Grigio Francisco
Bruna Higashi
Rafaela Takako Ribeiro de Almeida
Gabriela Krausova
Eduardo Jorge Pilau
Jose Eduardo Gonçalves

Regina Aparecida Correia Gonçalves
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Darlon Irineu Bernardi
Beatriz Pereira Moreno
Josiane Aline Monteiro de Oliveira
Marta Regina Barrotto do Carmo
Maria Helena Sarragiotto
Debora Cristina Baldoqui

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Cholinesterases Inhibition by Novel cis- and trans -3-Arylamino-cyclohexyl N,N-Dimethylcarbamates: Biological Evaluation and Molecular Modeling

Diego Alberto dos Santos Yamazaki

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Augusto de Araujo Candido
Mariane Cristovao Bagatin
Miguel Machinski Jr.
Simone Aparecida Galerani Mossini
Rodrigo meneghetti Pontes
Fernanda Andreia Rosa
Ernani Abicht Basso
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Citharexylum solanaceum fruit extracts: Profiles of phenolic compounds and carotenoids and their relation with ROS and RNS scavenging capacities
Erica Oliveira Barizao
Jesui Vergilio Visentainer
Vitor de Cinque de Almeida
Daniela Ribeiro
Renan Campos Chiste
Eduarda Fernandes
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CoFe₂O₄ and ZnFe₂O₄ Nanoparticles: An Overview About Structure, Properties, Synthesis and Biomedical Applications
Michele Karoline Lima Tenório
Ernandes Taveira Tenório Neto
Ana Adelina Winkler Hechenleitner
Hatem Fessi
Edgardo Alfonso Gómez Pineda
Journal of Colloid Science and Biotechnology 5(1):45-54 2016
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Controlling cell growth with tailorable 2D nanoholes arrays
Vanessa Hafeman Fragal
Thelma Sley Pacheco Cellet
Elizangela Hafemann Fragal
Guilherme Miranda Pereira,
Francielle P Garcia,
Celso Vataru Nakamura
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Covalently-layers of PVA and PAA and in situ formed Ag nanoparticles as versatile antimicrobial surfazes
Vanessa Hafemann Fragal
Thelma Sley Pacheco Cellet
Guilherme Miranda Pereira
Elizangela Hafemann Fragal
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Celso Vataru Nakamura
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Anandarup Goswami

François-Xavier Felpin

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Rafael Silva

Xiaoxin Zou

Radek Zboril

Rajender S. Varma

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Derivative cathodic stripping voltammetry in the simultaneous determination of three textile dyes in aqueous solutions

Lídia Brizola Santos

Alexandre Tadeu Paulino

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Thábata Karoliny Formicoli de Souza Freitas

Vitor de Cinque Almeida

Nilson Evelazio de Souza

Juliana Carla Garcia Moraes

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Determination of trans-resveratrol in *Solanum americanum* Mill. by HPLC

Julianna Matias Vagula

Janksyn Bertozzi

Juliana Cristina Castro

Claudio Celestino de Oliveira

Edmar Clemente

Oscar de Oliveira Santos Júnior

Jesuí Vergilio Visentainer

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Distribution of Xanthene Dyes in DPPC Vesicles: Rationally Accounting for Drug Partitioning Using a Membrane Model

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Diogo Silva Pellosi

Douglas Vanzin

Gabriel Batista Cesar

Paulo Cesar de Souza Pereira

Mario Jose Politi

Noboru Hioka

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Drug release profile and reduction in the in vitro burst release from pectin/HEMA hydrogel nanocomposites by crosslinking of titania

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Elisangela Pacheco da Silva
Marcos Rogério Guilherme
Francielle Pelegrin Garcia
Celso Vataru Nakamura
Lucio Cardozo Filho
Christian Gonçalves Alonso
Adley Forti Rubira
Marcos Hiroiuqui Kunita

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Easy Method for Removal of Cyanogens from Cassava Leaves with Retention of Vitamins and Omega-3 Fatty Acids

Iasmine Gesica Pereira
Julianna Matias Vagula 00981617921
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Jesui Vergilio Visentainer
Swami Area Maruyama

Oscar de Oliveira Santos Junior
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Effect of seasons on chemical composition and fungitoxicity of *Cymbopogon citratus* (DC) Staf essential oil

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Katia Regina Freitas Schwan Estrada
Aline Jose Maia
Willian Ferreira da Costa
Raphaeli Nascimento de Freitas
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Effect of the photoinitiator system on the properties of a dental material based on a hybrid polymer

Sandro Aurelio de Souza Venter
Gedalias Custodio Martim
Andressa dos Santos
Tiago Roberto Detomini
Eduardo Radovanovic
Emerson Marcelo Giroto
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Effects of diet supplementation with chia L. oil and natural antioxidant extract on the omega-3 content and antioxidant capacity of Nile Tilapia filets

Paula Fernandes Montanher
Beatriz Costa e Silva
Elton Guntendorfer Bonafe
Fabiana Carbonera
Hevelyse Munise Celestino dos Santos
Ingrid de Lima Figueiredo
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Effects of different numbers of fungicide application on the proximate composition of soybean

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Effects of glycerin and essential oils (*Anacardium occidentale* and *Ricinus communis*) on the meat quality of crossbred bulls finished in a feedlot

Ivanor Nunes do Prado

Olga Teresa Barreto Cruz

Maribel Velandia Valero

Fernando Zawadzki

Carlos Emanuel Eiras

Dayane Cristina Rivaroli

Rodolpho Martin do Prado

Jesui Vergilio Visentainer

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Enrichment of food mixtures with essential fatty acids and calcium from Nile tilapia by-products

Márcia Fernandes Nishiyama

Aloisio Henrique Pereira de Souza

Hevelyse Munise Celestino dos Santos

Aline Kirie Gohara

Wilson Massamitu Furuya

Lauro Daniel Vargas Mendez

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Henrique Cesar Lopes Geraldino

Julliana Izabelle Simionato

Thabata Karoliny Formicoli de Souza Freitas

Juliana Carla Garcia

Nilson Evelazio de Souza

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Alessandro Francisco Martins
Thatyane Morimoto Nobre
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Patricia Valderrama
Daniel Souza Correa
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Extraction and phase behaviour of seed oil using compressed propane
Mariana Oliveira Silva
Franciele Pereira Camacho
Leandro Ferreira Pinto
Willyan Machado Giufrida
Angelica Marquetotti Salcedo Vieira
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Extraction and use of Cereus peruvianus cactus mucilage in the treatment of textile effluents
Maisa Tatiani Ferreira de Souza
Cibele Andrade de Almeida
Elizangela Ambrosio
Lidia Brizola Santos Soares
Thabata Karoliny Formicoli de Souza Freitas
Daniele Domingos Manhler
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Claudia Marques da Silva
Ana Beatriz Zanqui
Aloisio Henrique Pereira de Souza
Aline Kirie Gohara
Sandra Terezinha Marques Gomes
Edson Antonio da Silva 64656675920
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Fast derivatization of fatty acids in different meat samples for gas chromatography analysis
Ingrid de Lima Figueiredo
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Jesui Vergilio Visentainer
Francisco de Assis Fonseca de Macedo
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Ferroic behavior induced by oxygen vacancies in Mn-doped ZnO compounds
Nivaldo Eloi de Souza
Pablo Nabuco Portes
Francielle Sato
Daniel Matos Silva
Luiz Fernando Cotica
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Fibrous Porous Carbon Electrocatalysts for Hydrazine Oxidation by using Cellulose Filter Paper as Precursor and Self-Template
Alessandro Campos Martins
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Anandarup Goswami
Katherine Koh
Yuying Meng
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Tewodros Asefa
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Generating nanoparticles containing a new 4-nitrobenzaldehyde thiosemicarbazone compound with antileishmanial activity
Elizandra Aparecida Britta
Cleuza Conceição da Silva

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Hybrid materials for bone tissue engineering from biomimetic growth of hydroxiapatite on cellulose nanowhiskers
Elizangel Hafermann Fragal
Thelma Sley Pacheco Cellet
Vanessa Hafemann Fragal
Mychelle Vianna Pereira Companhoni
Tania Ueda Nakamura
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Impact of long-term cropping of glyphosate-resistant transgenic soybean [Glycine max (L.) Merr.] on soil microbiome
Leticia Carlos Babujia
Adriana Pereira Silva
Andre Shigueyoshi Nakatani
Mauricio Egidio Cantao
Ana Tereza Ribeiro Vasconcelos
Jesui Vergilio Visentainer
Mariangela Hungria
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Improvements in the quality of sesame oil obtained by a green extraction method using enzymes
Suellen Andressa Oenning Ribeiro
Antonio Eduardo Nicacio
Ana Beatriz Zanqui
Polyana Batoqui França Biondo
Benicio Alves de Abreu Filho
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Douglas Santana Franciscato
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Interaction of β -Carbolines with DNA: Spectroscopic Studies, Correlation with Biological Activity and Molecular Docking
Marina de Magalhães Silva
Franciele Cristina Savariz
Edeildo Ferreira da Silva Junior
Thiago Mendonça de Aquino

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Josue Carinhonha Caldas Santos
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Ixorine, a New Cyclopeptide Alkaloid from the Branches of *Ixora brevifolia*
Rebeca Previante Medina
Ivania Teresinha Schuquel
Armando Mateus Pomini
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Cecilia Maria Alves de Oliveira
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Karen Cristina Bedin
Alessandro Campos Martins
Andre Luiz Cazetta
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Vitor de Cinque Almeida
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LB-S&T-29 seminal citrate: a new marker for the detection of prostate cancer?
Emerson Gregorio
Ivania Terezinha Albrecht Schuquel
Willian Ferreira da Costa
Marco Aurelio Rodrigues
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Lipid Composition and Antioxidant Capacity Evaluation in Tilapia Fillets Supplemented with a Blend of Oils and Vitamin E
Fabiana Carbonera
Paula Fernandes Montanher
Ingrid de Lima Figueiredo
Elton Guntendorfer Bonafe
Oscar de Oliveira Santos Junior
Sheisa Cyleia Sargi
Renata Menoci Gonçalves
Makoto Matsushita
Jesui Vergilio Visentainer
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Liver Fatty Acid Composition and Inflammation in Mice Fed with High-Carbohydrate Diet or High-Fat Diet
Lorena Gimenez da Silva Santi
Marina Masetto Antunes
Silvana Martins Caparroz Assef
Fabiana Carbonera

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Rui Curi
Jesui Vergilio Visentainer
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Magnetic Activated Carbon Derived from Biomass Waste by Concurrent Synthesis: Efficient Adsorbent for Toxic Dyes

Andre Luiz Cazetta
Osvaldo Pezoti Junior
Karen Cristina Bedin
Tais Larissa da Silva
Andrea Paesano Junior
Tewodros Asefa
Vitor de Cinque Almeida
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Maternal diet supplementation with n-6/n-3 essential fatty acids in a 1.2:1.0 ratio attenuates metabolic dysfunction in MSG-induced obese mice

Josiane Morais Martin
Rosiane Aparecida Miranda
Luiz Felipe Barella
Kesia Palma Rigo
Vander Silva Alves
Gabriel Sergio Fabricio
Audrei Pavanello
Claudineia Conationi da Silva Franco
Tatiane Aparecida Ribeiro
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Percolation as new method of preparation of modified biosorbents for pollutants removal

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Ana Lucia Tasca Gois Ruiz

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Photocatalytic activity of TiO₂, ZnO and Nb₂O₅ applied to degradation of textile wastewater

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Pluronic® mixed micelles as efficient nanocarriers for benzoporphyrin derivatives applied to photodynamic therapy in cancer cells

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Francesca Moret

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Capitulo de livro paginas 325-366 2016

Livro: Polysaccharide Hydrogels: Characterization and biomedical applications

ISBN 9789814613613

Editora: Pan Stanford Publishing Pte.Ltd.

Singapore

Editor: Pietro Matricardi, Franco Alhaique, Tommasina Coviello

número de páginas 524

<https://searchworks.stanford.edu/view/11554771>

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Supercritical ethanolysis for biodiesel production from edible oil waste using ionic liquid [HMim][HSO₄] as catalyst

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Zinc di(L-prolinate)-mediated synthesis of α -aminophosphonates under mild conditions

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