

UNIVERSIDADE ESTADUAL DE MARINGÁ
PRODUÇÃO CIENTÍFICA DOS DOCENTES DO PROGRAMA DE PÓS-GRADUAÇÃO
EM QUÍMICA PUBLICADAS EM 2013

ARTIGO

A new label-free approach for the determination of reaction rates in oxidative footprinting experiments

Eduardo Jorge Pilau,

Amadeu Hoshi Iglesias,

Fabio Cesar Gozzo

Analytical and Bioanalytical Chemistry 405(24):7679-7686 2013 <http://dx.doi.org/10.1007/s00216-013-7247-9>

A novel response surface methodology optimization of base-catalyzed soybean oil methanolysis

Oscar Oliveira Santos Junior,

Swami Area Maruyama,

Thiago Claus,

Nilson Evelazio de Souza,

Makoto Matsushita,

Jesui Vergilio Visentainer

Fuel 113(11):580-585 2013

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A química na produção de petróleo

Armando Mateus Pomini

Livro, 1a ed. Editora Interciência, Rio de Janeiro, 164p. 2013

ISBN: 978-857-193-313-2

Acute toxicity and antiedematogenic activity from stems of *Pisonia aculeata* L (Nyctaginaceae)

Fabio Vandresen,

Laura LM de Arruda,

Bruno A Rocha,

Ciomar A Bersani Amado,

Cleuza Conceição da Silva

Revista Latinoamericana de Química 41(2):111-118 2013

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Antioxidant activity of Brazilian bean cultivars

Sylvio Vicentin Palombini,

Swami Area Maruyama,

Thiago Claus,

Paula Fernandes Montanher,

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Jesui Vergilio Visentainer,

Sandra Terezinha Marques Gomes,

Makoto Matsushita

Journal of The Brazilian Chemical Society 24(5):765-770 2013

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Antioxidant capacity and chemical composition in seeds rich in omega-3: chia, flax, and perilla

Sheisa Cyleia Sargi,

Beatriz Costa e Silva,

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Joana Schuelter Boeing,

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Food Science and Technology 33(3):541-548 2013
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Antioxidant capacity, total phenolic content, fatty acids and correlation by Principal components analysis of exotic and native fruits from Brazil

Alessandra Bernardo Ribeiro,
Elton Guntendorfer Bonafe,
Beatriz Costa e Silva,
Paula Fernandes Montanher,
Oscar de Oliveira Santos Junior,
Joana Schuelter Boeing,
Jesui Vergilio Visentainer
Journal of The Brazilian Chemical Society 24(5):797-804 2013
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Antiproliferative activity and constituents of *Aspidosperma macrocarpon* (Apocynaceae) leaves

Geanderson Bannwart,
Cecilia Maria Alves de Oliveira,
Lucilia Kato,
Cleuza Conceição da Silva,
Ana Lucia Tasca Goiz Ruiz,
Joao Ernesto de Carvalho,
Silvana Maria de Oliveira Santin
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Application of box-behnken design to the study of fatty acids and antioxidant activity from enriched white bread

Swami Area Maruyama,
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Thiago Claus,
Fabiana Carbonera,
Paula Fernandes Montanher,
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Sandra Teresinha Marques Gomes,
Makoto Matsushita
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Aspectos reacionais e da Química Analítica na produção e controle de qualidade do Biodiesel de óleos e gorduras

Jesui Vergilio Visentainer,
Oscar de Oliveira Santos Junior
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Assessment of volatile chemical composition of the essential oil of *Jatropha ribifolia* (Pohl) Baill by HS-SPME-GC-MS using different fibers

Celia Eliane de Lara da Silva,
Willian Ferreira da Costa,
Sandro Minguzzi,
Rogerio Cesar de Lara da Silva,
Euclesio Simionatto
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Aumento da concentração do ácido alfa-linolênico em óleo de linhaça por meio da formação de adutos com a uréia

Cleuciane Tillvitz do Nascimento,

Patricia Dias Gamero,

Elton Guntendorfer Bonafe,

Jesui Vergilio Visentainer,

Clayton Antunes Martin

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Gisele Stroher,

Angela Claudia Rodrigues,

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G Y Neves

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Bud break and enzymatic activity in buds of grapevines cv. Ives treated with *Gallesia integrifolia* hydrolate

Aline Jose Maia,

Katia Regina Freitas Schwan Estrada,

Renato Vasconcelos Botelho,

Virlene Amaral Jardimetti,

Cacilda Marcia Duarte Rios Faria,

Aline Fontana Batista,

Willian Ferreira da Costa

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Carvão ativado dopado dopado com nitrogênio, produzido a partir da regeneração térmica de material saturado com azul de metileno e sua aplicação como eletrodo para supercapacitores

Vitor de Cinque Almeida,

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Patente INPI BR1020130317411 10/12/2013

Changes in the seminal plasma proteome of adolescents before and after varicocelelectomy

Paula Toni Del Giudice,

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Luiz Fernando Arruda Santos,

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Fabio Cesar Gozzo,

Agnaldo Pereira Cedenho,

Ricardo Pimenta Bertolla

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Characterization of N-trimethyl chitosan/alginate complexes and curcumin release

Alessandro Francisco Martins,

Pedro V A Bueno,

Elizangela Aparecida Messias Soares de Almeida,

Francisco Helder de Almeida Rodrigues,

Adley Forti Rubira,

Edvani Curti Muniz

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Chemical composition and fatty acids quantification in commercial meat products processed in Brazil.

Fabio Machry Sanches,

Paula Fernandes Montanher,

Carlos Eduardo da Silva,

Fabio Augusto Garcia Coró,

Lucia Felicidade Dias,

Nilson Evelazio de Souza

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Chemical constituents of *Machaerium hirtum* Vell (Fabaceae) leaves and branches and its anti-inflammatory activity evaluation

Marlene Capelin Ignoato,

Rodrigo Monteiro Fabrao,

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Marcos Felipe Pinatto Botelho,

Geanderson Bannwart,

Armando Mateus Pomini,

Laura Licia Milani Arruda,

Ciomar Aparecida Bersani-Amado,

Silvana Maria de Oliveira Santin

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Chemometric methods applied to the mineral content increase in chocolate cakes containing chia and azuki

Aline Kirie Gohara,

Aloisio Henrique Pereira de Souza,

Angela Claudia Rodrigues,

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Chemometric studies of pheo formulated in pluronics®: Photodynamic action against *Artemia salina*

Adriana Passarella Gerola,

Bianca Martins Esteveao,

Wilker Caetano,

Noboru Hioka,

Andre Luiz Tessaro

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Coprecipitation of safrole oxide with poly(3-hydroxybutyrate-co-3-hydroxyvalerate) in supercritical carbon dioxide

Ernandes Taverna Tenório Neto,
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Thelma Sley Pacheco Cellet,
Elisangela Pacheco da Silva,
Elton Franceschi,
Lucio Cardozo Filho,
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Covalent albumin microparticles as an adjuvant for production of mucosal vaccines against hepatitis B

Danielly Ladeira Anibal Sitta
Marcos Rogerio Guilherme
Francielle Pelegrin Garcia
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Paulo Roberto Neves de Oliveira,
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Desenvolvimento de modalidade cromatográfica baseada na identidade digital oxidativa de compostos orgânicos

Vanessa Kienen,
Claudio Celestino de Oliveira,
Janksyn Bertozzi
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Determination of concentration levels of organochlorine pesticides in water from the Mandacaru Stream in Maringá-Paraná-Brazil employing gas chromatography-mass spectrometry

Luana Caroline de Figueiredo,
Lucas Ulisses Rovigatti Chiavelli,
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Determination of liquid-liquid equilibrium data for biodiesel containing ternary systems using near infrared technique

Stephani Caroline Beneti,
Wagner Luiz Priamo,
Marcelo Lanza,

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Development of a freeze-dried mixture of Nile tilapia (*Oreochromis niloticus*) croquette using a GA-based multiobjective optimisation
Renata Hernandez Barros Fuchs,
Ricardo Pereira Ribeiro,
Evandro Bona,
Makoto Matsushita
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Development, preservation, and chemical and fatty acid profiles of Nile tilapia carcass meal for human feeding
Leandro Cesar Godoy,
Maria Luiza Rodrigues de Souza Franco,
Nilson Evelazio de Souza,
Flavia Braidotti Stevanato,
Jesui Vergilio Visentainer
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Differential seminal plasma proteome according to semen retrieval in men with spinal cord injury
Barbara Ferreira da Silva,
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Artur Jose Monteiro Valente (Coimbra),
Sandra Maria Alves da Cruz (Coimbra),
Dina Maria Bairrada Murtinho (Coimbra),
Maria da Graça Martins Miguel (Coimbra),
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Lais Bukman,

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Dual-network hydrogels based on chemically and physically crosslinked chitosan/chondroitin sulfate
Andre Ricardo Fajardo,
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Editorial

Nilson Evelazio de Souza
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Editorial: Impact factor of the journal citation reports (JCR) and Qualis Capes in Food Science and Technology
Nilson Evelazio de Souza,
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Ciencia e Tecnologia de Alimentos 33(3):395-395 2013
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Editorial: The Brazilian society of food science and technology has a new board
Nilson Evelazio de Souza,
Eliana Badiale Furlong
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Editorial: The scientific journal 'Ciência e Tecnologia de Alimentos' internationalizes its name to Food Science and Technology
Nilson Evelazio de Souza,
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Effect of periodicity on the performance of surface plasmon resonance sensors based on subwavelength nanohole arrays
Johny Paulo Monteiro,
Leandro Bispo Carneiro,
Mohammad M Rahman,
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Emerson Marcelo Girotto
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Solange Maria Cottica,
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Eliza Mariane Rotta,
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Journal of Food Science and Engineering 3(7):341-348 2013

Efficiencies of acid and base-catalyzed methylation of vegetable oils by ambient mass spectrometry
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Electrochemical synthesis of polyaniline microspheres in alkaline media
Cleiser Thiago Pereira da Silva
Manoel Domingues dos Santos Neto
Vicente Lira Kupfer
Samuel Leite de Oliveira
Nelson Luis de Campos Domingues
Andrelson Wellington Rinaldi
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Electronic structures and spectroscopic properties of benzoporphyrin protolytic species: A TD-DFT study
Andre Luiz Tessaro,
Vagner Roberto Batistela,
Diogo Silva Pellosi,
Wilker Caetano,
Leonardo Tsuyoshi Ueno,
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Enhancement of the nutritional status of Nile tilapia (*Oreochromis Niloticus*) croquettes by adding flaxseed flour
Renata Hernandez Barros Fuchs,
Ricardo Pereira Ribeiro,
Makoto Matsushita,
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Evaluation of antioxidant potential of Brazilian rice cultivars
Sylvio Vicentin Palombini,
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Evaluation of conjugated fatty acids incorporation in tilapia through GC-FID and EASI-MS
Elton Guntendorfer Bonafe,
Joana Schuelter Boeing,
Makoto Matsushita,
Thiago Claus,
Oscar de Oliveira Santos Junior,
Claudio Celestino de Oliveira,
Marcos Nogueira Eberlin,
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Sylvio Vicentin Palombini,
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Aline Kirie Gohara,
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Evaluation of the photodynamic activity of xanthene dyes on *Artemia salina* described by chemometric approaches
Diogo Silva Pellosi,
Vagner Roberto Batistela,
Vagner Roberto de Souza,
Ieda Spacino Scarminio,
Wilker Caetano,
Noboru Hioka
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Farinha de carcaca de tilapia em dietas para coelhos: composicao quimica e resistênci a óssea
Guilherme Legnani Galan,
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Emilia Dorta de Souza,
Claudio Scapinello,
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Ana Paula Del Vesco,
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Formulado de ftalocianina cloro-alumínio em micelas poliméricas e aplicações em terapia fotodinâmica

Wilker Caetano,

Noboru Hioka,

Bruno Henrique Vilsinski,

Adriana Passarella Gerola,

Elza Kimura,

E L Silva

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Glycerol-derived polyurethane nanocomposites containing cellulose nanowhiskers

Shirani Kaori Haraguchi,

Adriano Antonio Silva,

Ernandes Tavares Tenorio Neto,

Gizilene Maria de Carvalho,

Edvani Curti Muniz,

Adley Forti Rubira

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Growth performance, carcass characteristics and meat quality of finishin bulls fed crude glycerin-supplemented diets

Monica Chaves Francozo,

Ivanor Nunes do Prado,

Ulysses Cecato,

Maribel Velandia Valero,

Fernando Zawadzki,

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Rodolpho Martin do Prado,

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Hardness and degree of conversion of dental restorative composites based on an organic-inorganic hybrid

Sandro Aurelio de Souza Venter,

Silvia Luciana Favaro,

Eduardo Radovanovic,

Emerson Marcelo Giroto

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Healing effect of the ointment made of Equisetum pyramidale in the treatment of cutaneous lesions in diabetic rats

Andréia Cristina Lopes Corrêa,

Guinte Hans FilhoII,

Doroty Mesquita DouradoII,

Rosemary Matias,

Iandara Schettert da Silva,

Maria Helena Sarragiotto

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Homology modeling of dihydrofolate reductase from *T. gondii* bonded to antagonists: molecular docking and molecular dynamics simulations

Debra Pacheco Homem,

Rogério Flores Jr,

Priscila Tosqui,

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Ernani Abicht Basso,
Arquimedes Gaparotto Jr,
Flavio Augusto Vicente Seixas
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Hosted formation of PbS crystals on polyethylene modified surface

Vanessa Hafemann Fragal,
Rafael da Silva,
Thelma Sley Pacheco Cellet
Guilherme Miranda Pereira,
Marcos Hiroiuqui Kunita,
Edvani Curti Muniz,
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Incorporation and profile of fatty acids in tilapia fillets (*Oreochromis niloticus*) fed with tung oil

Elton Guntendorfer Bonafe,
Damila Rodrigues de Moraes,
Luana Caroline de Figueiredo,
Nilson Evelazio de Souza,
Oscar Oliveira Santos Jr,
Thiago Claus,
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Incorporation of conjugated linoleic and alpha linoleinic fatty acids into *Pimedolus maculatus* fillets

Ana Beatriz Zanqui,
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Sandra Terezinha Marques Gomes,
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Incorporation of omega 3 on an extruded snack with golden flaxseed

Amira F Kessler Annahas,
Damila Rodrigues Moraes,
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Ana Carolina Aguiar,
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Vania Cristina Desoti (doutoranda PCF),
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Juliana Carla Garcia Moraes,
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Camila Fabiano de Freitas,
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Uso de terapia fotodinâmica para o tratamento de Leishmaniose tegumentar

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Variation in genetic and environmental effects of beta-conglycinin (7S) and glycinin (11S) protein fractions in conventional and GM soybean cultivars grown in Southern Brazil

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