ROMINA CASTAÑEDA ARRIAGA

Datos Generales

Nombre: ROMINA CASTAÑEDA ARRIAGA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 0 años, 7 meses, 1 día

Nombramientos

Último: PROFESOR ASIGNATURA A TP No Definitivo
Facultad de Química
Desde 01-04-2013 hasta 31-07-2013

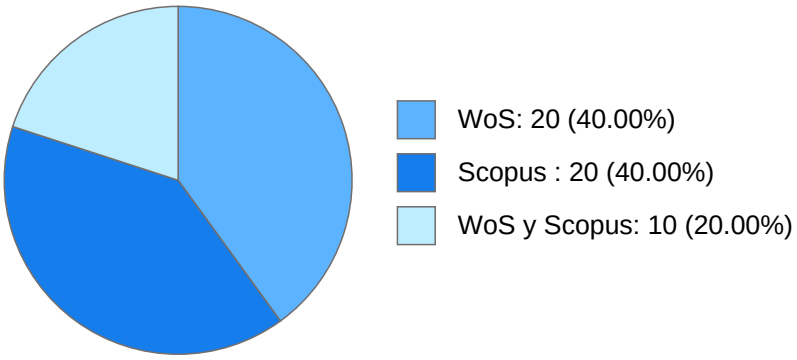
Estímulos, programas, premios y reconocimientos

SNI I 2017 - 2023

ROMINA CASTAÑEDA ARRIAGA

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	CADMA-Chem: A Computational Protocol Based on Chemical Properties Aimed to Design Multifunctional Antioxidants	MIGUEL REINA TAPIA LUIS FELIPE HERNANDEZ AYALA ROMINA CASTAÑEDA ARRIAGA et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2022
2	Antioxidants into nopal (Opuntia ficus-indica), important inhibitors of free radicals? formation	ROMINA CASTAÑEDA ARRIAGA Perez-Gonzalez A. Marino T. et al.	Antioxidants	2021
3	Chalcogen effects on the primary antioxidant activity of chrysin and quercetin	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY Tiziana Marino et al.	NEW JOURNAL OF CHEMISTRY	2020
4	Computer-designed melatonin derivatives: potent peroxyl radical scavengers with no pro-oxidant behavior	ROMINA CASTAÑEDA ARRIAGA MIGUEL REINA TAPIA Pérez-González A. et al.	THEORETICAL CHEMISTRY ACCOUNTS	2020
5	Melatonin and its metabolites as chemical agents capable of directly repairing oxidized DNA	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY Pérez-González A. et al.	JOURNAL OF PINEAL RESEARCH	2019
6	Chemical Protectors against the Toxic Effects of Paracetamol (Acetaminophen) and Its Meta Analogue: Preventing Protein Arylation	ROMINA CASTAÑEDA ARRIAGA Pérez-González A. Galano A.	Acs Omega	2018

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7	Role of purines on the copper-catalyzed oxidative damage in biological systems: Protection versus promotion	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY Pérez-González A. et al.	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2018
8	Comprehensive Investigation of the Antioxidant and Pro-oxidant Effects of Phenolic Compounds: A Double-Edged Sword in the Context of Oxidative Stress?	ROMINA CASTAÑEDA ARRIAGA MIGUEL REINA TAPIA JUAN RAUL ALVAREZ IDABOY et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2018
9	Exploring Chemical Routes Relevant to the Toxicity of Paracetamol and Its meta-Analogue at a Molecular Level	ROMINA CASTAÑEDA ARRIAGA Galano, A.	CHEMICAL RESEARCH IN TOXICOLOGY	2017
10	Estimation of empirically fitted parameters for calculating pK (a) values of thiols in a fast and reliable way	ROMINA CASTAÑEDA ARRIAGA MARLENE OSIRIS CARREON AGUILAR JUAN RAUL ALVAREZ IDABOY et al.	THEORETICAL CHEMISTRY ACCOUNTS	2017
11	Primary antioxidant and metal-binding effects of tiopronin: A theoretical investigation of its action mechanism	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY Vivier-Bunge, Annik	COMPUTATIONAL AND THEORETICAL CHEMISTRY	2016
12	Chemical repair of protein carbon-centred radicals: Long-distance dynamic factors	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY Dominguez-Castro, Adrian et al.	CANADIAN JOURNAL OF CHEMISTRY	2016
13	Empirically Fitted Parameters for Calculating pKa Values with Small Deviations from Experiments Using a Simple Computational Strategy	ROMINA CASTAÑEDA ARRIAGA Galano, Annia Perez-Gonzalez, Adriana et al.	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2016
14	Theoretical study of copper complexes with lipoic and dihydrolipoic acids	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY Mora-Diez, Nelaine	RSC ADVANCES	2016
15	Phenolic Melatonin-Related Compounds: Their Role as Chemical Protectors against Oxidative Stress	ROMINA CASTAÑEDA ARRIAGA Galano, A. Pérez-González, A. et al.	Molecules	2016
16	1,5-Diarylpyrazole and vanillin hybrids: Synthesis, biological activity and DFT studies	EDUARDO HERNANDEZ VAZQUEZ ROMINA CASTAÑEDA ARRIAGA OMAR NOEL MEDINA CAMPOS et al.	EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY	2015
17	Modelling the chemical repair of protein carbon-centered radicals formed via oxidative damage with dihydrolipoic acid	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY MoraDiez, Nelaine	RSC ADVANCES	2015
18	Lipoic acid and dihydrolipoic acid. A comprehensive theoretical study of their antioxidant activity supported by available experimental kinetic data	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY	JOURNAL OF CHEMICAL INFORMATION AND MODELING	2014

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19	Antioxidant activity of selected natural polyphenolic compounds from soybean via peroxyl radical scavenging	Carolina Caicedo ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY et al.	RSC ADVANCES	2014
20	Influence of the methylation degree on the rate constants of the center dot OH addition to alkenes and its temperature dependence	ROMINA CASTAÑEDA ARRIAGA JUAN RAUL ALVAREZ IDABOY	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2012

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LIBROS Y CAPITULOS CON ISBN

No se encuentran registros en la base de datos de Humanindex asociados a:

ROMINA CASTA?EDA ARRIAGA

ROMINA CASTAÑEDA ARRIAGA

PARTICIPACIÓN EN PROYECTOS

No se encuentran registros en la base de datos de SISEPRO asociados a:

ROMINA CASTA?EDA ARRIAGA

ROMINA CASTAÑEDA ARRIAGA

PARTICIPACIÓN EN TESIS

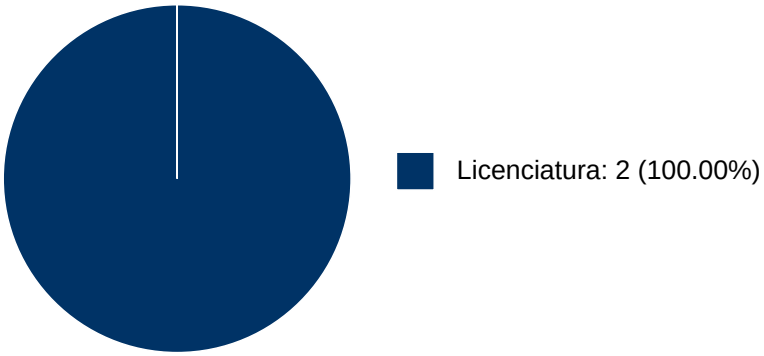
No se encuentran registros en la base de datos de TESIUNAM asociados a:

ROMINA CASTA?EDA ARRIAGA

ROMINA CASTAÑEDA ARRIAGA

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	ESTRUCTURA DE LA MATERIA	Facultad de Química	53	2013-2
2	Licenciatura	ESTRUCTURA DE LA MATERIA	Facultad de Química	60	2011-2

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PATENTES

No se encuentran registros en la base de datos de patentes asociados a:

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2026
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2026
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2026
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2026
9	Documentos Indexados	Thomson Reuters	WoS	2008-2026
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2026
11	Patentes	IMPI	SIGA	2008-2026