



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



SERGIO AGUSTIN RAMOS BERNAL

Datos Generales

Nombre: SERGIO AGUSTIN RAMOS BERNAL

Máximo nivel de estudios: POSDOCTORADO

Antigüedad académica en la UNAM: 57 años

Nombramientos

Vigente: INVESTIGADOR TITULAR A TC Definitivo
Instituto de Ciencias Nucleares
Desde 16-02-2014

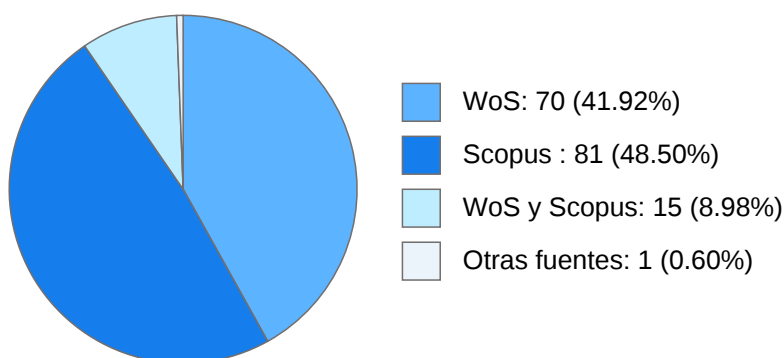
Estímulos, programas, premios y reconocimientos

SNI II 2017 - VIGENTE
SNI I - 2016
PRIDE C - 2024

SERGIO AGUSTIN RAMOS BERNAL

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Behaviour of glycine aqueous solution exposed to ionizing radiation: numerical model based on chemical kinetics	ALEJANDRO PAREDES ARRIAGA ANA LEONOR RIVERA LOPEZ SERGIO AGUSTIN RAMOS BERNAL et al.	INTERNATIONAL JOURNAL OF ASTROBIOLOGY	2025
2	An experimental and numerical model of the behavior of cytosine in aqueous solution under gamma radiation. Relevance in prebiotic chemistry	ALEJANDRO PAREDES ARRIAGA ALICIA NEGRON MENDOZA ANA LEONOR RIVERA LOPEZ et al.	Heliyon	2024
3	Numerical modeling vs experiment of formic acid and formate ion behavior under gamma radiation at several pH values: Implications on prebiotic chemistry	ALEJANDRO PAREDES ARRIAGA ANAYELLY LOPEZ ISLAS ANA LEONOR RIVERA LOPEZ et al.	PLOS ONE	2024
4	Fomentando el Análisis Químico in situ en un Centro de Cultura y Conservación	JORGE ARMANDO CRUZ CASTAÑEDA ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL et al.	Educación Química	2024
5	Gamma irradiation of adenine and guanine adsorbed into hectorite and attapulgite	ADRIANA LETICIA MELENDEZ LOPEZ JORGE ARMANDO CRUZ CASTAÑEDA ALICIA NEGRON MENDOZA et al.	Heliyon	2023

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6	HISTIDINE SELF-ASSEMBLY AND STABILITY ON MINERAL SURFACES AS A MODEL OF PREBIOTIC CHEMICAL EVOLUTION: AN EXPERIMENTAL AND COMPUTATIONAL APPROACH	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL ALEJANDRO HEREDIA BARBERO et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2023
7	STUDY OF THE ABSORPTION CROSS SECTION TO MEASURE THE DISSIPATIVE CAPACITY OF ANTENNA PROTEINS	SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA ALEJANDRO HEREDIA BARBERO et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2023
8	Role of Na ⁺ -montmorillonite in the stability of guanine exposed to high-radiation energy in primitive environments: Heterogeneous models	ADRIANA LETICIA MELENDEZ LOPEZ ALEJANDRO HEREDIA BARBERO JORGE ARMANDO CRUZ CASTAÑEDA et al.	RADIATION PHYSICS AND CHEMISTRY	2021
9	Histidine Self-assembly and Stability on Mineral Surfaces as a Model of Prebiotic Chemical Evolution: An Experimental and Computational Approach	KARINA ELIZABETH CERVANTES DE LA CRUZ ISABEL MEJIA LUNA ALICIA NEGRON MENDOZA et al.	ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES	2021
10	The behavior of aldehydes of astrobiological importance under irradiation	ANAYELLY LOPEZ ISLAS CLAUDIO ALEJANDRO FUENTES CARREON JORGE ARMANDO CRUZ CASTAÑEDA et al.	Memorie della Societa Astronomica Italiana - Journal of the Italian Astronomical Society	2019
11	Irradiation of cytosine adsorbed in a clay mineral	ALEJANDRO PAREDES ARRIAGA ADRIANA LETICIA MELENDEZ LOPEZ JORGE ARMANDO CRUZ CASTAÑEDA et al.	Memorie della Societa Astronomica Italiana - Journal of the Italian Astronomical Society	2019

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12	Computer simulation of a primitive peptide in a mineral environment analogous to the Naica system	SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA ALEJANDRO HEREDIA BARBERO et al.	Memorie della Societa Astronomica Italiana - Journal of the Italian Astronomical Society	2019
13	Radiation-induced reactions of ketoacids in aqueous solutions and their possible role in chemical evolution	SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA Ramírez-Vázquez L. et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2019
14	Irradiation of glyceraldehyde under simulated prebiotic conditions: Study in solid and aqueous state	JORGE ARMANDO CRUZ CASTAÑEDA CLAUDIO ALEJANDRO FUENTES CARREON SERGIO AGUSTIN RAMOS BERNAL et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2018
15	Radiolysis of succinic acid and its ammonium salt in aqueous solution: relevance in chemical evolution	ALICIA NEGRON MENDOZA MARIA COLIN GARCIA SERGIO AGUSTIN RAMOS BERNAL	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2018
16	Radiolysis of adenine and its complementary bases in aqueous solutions and clay suspensions	JESSICA RAMIREZ CARREON SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2018
17	Computer simulation and experimental self-assembly of irradiated glycine amino acid under magnetic fields: Its possible significance in prebiotic chemistry	ALEJANDRO HEREDIA BARBERO MARIA COLIN GARCIA TERESA PI PUIG et al.	Biosystems	2017
18	The importance of glyceraldehyde radiolysis in chemical evolution	JORGE ARMANDO CRUZ CASTAÑEDA SERGIO AGUSTIN RAMOS BERNAL ADRIANA LETICIA MELENDEZ LOPEZ et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2017
19	Ultraviolet irradiation of glycine in presence of pyrite as a model of chemical evolution: an experimental and molecular modelling approach	MARIA COLIN GARCIA SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA et al.	INTERNATIONAL JOURNAL OF ASTROBIOLOGY	2017

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20	Effects of temperature during the irradiation of calcium carbonate	ALICIA NEGRON MENDOZA Claudia Camargo Raya VIRGINIA GOMEZ VIDALES et al.	APPLIED RADIATION AND ISOTOPES	2016
21	Ultraviolet irradiation of glycine in presence of pyrite as a model of chemical evolution: an experimental and molecular modelling approach	MARIA COLIN GARCIA SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA et al.	INTERNATIONAL JOURNAL OF ASTROBIOLOGY	2016
22	Radiolysis of aqueous glyceraldehyde	JORGE ARMANDO CRUZ CASTAÑEDA SERGIO AGUSTIN RAMOS BERNAL ADONIS GERMINAL COCHO GIL et al.	Rad Conference Proceedings	2016
23	Hydrothermal vents and prebiotic chemistry: a review	MARIA COLIN GARCIA ALEJANDRO HEREDIA BARBERO ANTONI CAMPRUBI CANO et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2016
24	Radiation-induced catalysis of fatty acids adsorbed onto clay minerals	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL MARIA COLIN GARCIA et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2015
25	Chemical evolution studies: the radiolysis and thermal decomposition of malonic acid	JORGE ARMANDO CRUZ CASTAÑEDA ALICIA NEGRON MENDOZA MARIA COLIN GARCIA et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2015
26	Heterogeneous radiolysis of urea. Implications in astrobiology and prebiotic chemistry	Abigail E. CruzHernandez MARIA COLIN GARCIA ALEJANDRO HEREDIA BARBERO et al.	OPEN CHEMISTRY	2015
27	Calcium carbonate as a possible dosimeter for high irradiation doses	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Claudia CamargoRaya et al.	APPLIED RADIATION AND ISOTOPES	2015
28	Gamma irradiation of isocitric and citric acid in aqueous solution: Relevance in prebiotic chemistry	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	AIP Conference Proceedings	2015
29	An interpretation of the oligomerization of amino acids under prebiotic conditions	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Mosqueira P.S. F.G.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2015
30	Stability of Guanine Adsorbed in a Clay Mineral under Gamma Irradiation at Temperatures (77 and 298 K): Implications for Chemical Evolution Studies	ADRIANA LETICIA MELENDEZ LOPEZ SERGIO AGUSTIN RAMOS BERNAL M. L. Ramirez-Vazquez	AIP Conference Proceedings	2014

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31	Study of L-aspartic acid for its possible use as a dosimeter in the interval of 3.4-20kGy at different irradiation temperatures	Adriana Melendez Lopez ALICIA NEGRON MENDOZA VIRGINIA GOMEZ VIDALES et al.	RADIATION PHYSICS AND CHEMISTRY	2014
32	Study of the dose response of the system ferrous ammonium sulfate-sucrose-xylene orange in acid aqueous solution	J. M. Juarez Calderon ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	RADIATION PHYSICS AND CHEMISTRY	2014
33	Adsorption of HCN onto sodium montmorillonite dependent on the pH as a component to chemical evolution	MARIA COLIN GARCIA ALEJANDRO HEREDIA BARBERO ALICIA NEGRON MENDOZA et al.	INTERNATIONAL JOURNAL OF ASTROBIOLOGY	2014
34	Characterization and luminescent properties of thermally annealed olivines	MARIA COLIN GARCIA ALEJANDRO HEREDIA BARBERO FERNANDO ORTEGA GUTIERREZ et al.	RADIATION MEASUREMENTS	2013
35	The effect of doses, irradiation temperature, and doped impurities in the thermoluminescence response of NaCl crystals	Antonio Hernandez Medina ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL et al.	RADIATION MEASUREMENTS	2013
36	Formation of Hydrocarbons from Acid-Clay Suspensions by Gamma Irradiation	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL J. Cruz-Castaneda	AIP Conference Proceedings	2013
37	On the numerical simulation of reactions induced by radiation	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Frias-Suarez D.	2012 Computing, Communications And Applications Conference, Comcomap 2012	2012
38	Biased versus unbiased randomness in homo-polymers and copolymers of amino acids in the prebiotic world	FERNANDO GUILLERMO MOSQUEIRA PEREZ SALAZAR ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL et al.	ACTA BIOCHIMICA POLONICA	2012
39	The gamma ray response of alanine film dosimeters at low temperatures	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Claudia Camargo Raya et al.	APPLIED RADIATION AND ISOTOPES	2012
40	Erratum: Characterization of Selective Antibacterial Peptides by Polarity Index (International Journal of Peptides)	CARLOS POLANCO GONZALEZ FERNANDO GUILLERMO MOSQUEIRA PEREZ SALAZAR ALICIA NEGRON MENDOZA et al.	International Journal Of Peptides	2012

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41	Characterization of selective antibacterial peptides by polarity index	CARLOS POLANCO GONZALEZ FERNANDO GUILLERMO MOSQUEIRA PEREZ SALAZAR ALICIA NEGRON MENDOZA et al.	International Journal Of Peptides	2012
42	A Thermoluminescence Study of Bio-Organic Compounds Adsorbed in a Clay Mineral	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL MARIA ISABEL GAMBOA DE BUEN	IEEE TRANSACTIONS ON NUCLEAR SCIENCE	2010
43	Temperature effect during the gamma irradiation of CaSO ₄ : Dy	A. Hernandez Medina ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	RADIATION MEASUREMENTS	2010
44	Radiation-induced reactions of amino acids adsorbed on solid surfaces	L. Lopez Esquivel Kranksith ALICIA NEGRON MENDOZA FERNANDO GUILLERMO MOSQUEIRA PEREZ SALAZAR et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	2010
45	Heterogeneous radiolysis of HCN adsorbed on a solid surface	MARIA COLIN GARCIA FERNANDO ORTEGA GUTIERREZ SERGIO AGUSTIN RAMOS BERNAL et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	2010
46	Behavior under gamma irradiation of single crystals of NaCl doped with divalent cations	A. Hernandez Medina ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2010

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47	Mineral studies on Earth and Mars: Chemical evolution approach	HILDA MARIA COLIN GARCIA FERNANDO ORTEGA GUTIERREZ ALICIA NEGRON MENDOZA et al.	GEOCHIMICA ET COSMOCHIMICA ACTA	2009
48	Study of dosimetric properties of acetylsalicylic acid in pharmaceutical preparations by EPR spectroscopy	J. M. Juarez Calderon ALICIA NEGRON MENDOZA VIRGINIA GOMEZ VIDALES et al.	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2009
49	Organics Produced by Irradiation of Frozen and Liquid HCN Solutions: Implications for Chemical Evolution Studies	MARIA COLIN GARCIA ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	Astrobiology	2009
50	Irradiation of Nucleic Acid Bases Adsorbed in Na-Montmorillonite in the Context of Chemical Evolution	Betzabe Zamora Adriana Melendez Andres Guzman et al.	ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES	2009
51	Interaction of Amino Acids in Mineral Surfaces and Their Relevance in Chemical Evolution	L. Lopez Esquivel Kranksith ALICIA NEGRON MENDOZA ADONIS GERMINAL COCHO GIL et al.	ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES	2009
52	Linear Temporality: A Cultural Perspective of the Origin of Life	Ninel Valderrama Negrn Sandra Ramos Amzquita SERGIO AGUSTIN RAMOS BERNAL et al.	ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES	2009
53	Evaluation of Commercial Grade Ferrous Ammonium Sulfate as Potential Dosimeter for Technological Irradiations	J. Manuel Juarez Calderon SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA	J NUCL SCI TECHNOL	2008
54	Frozen Solutions of Fricke Dosimeter	ALEJANDRO RAMOS AMEZQUITA SERGIO AGUSTIN RAMOS BERNAL FERNANDO GUILLERMO MOSQUEIRA PEREZ SALAZAR et al.	J NUCL SCI TECHNOL	2008
55	Absorption of compounds of biological importance in solid surfaces and their relevance in terrestrial and extraterrestrial conditions	Lopez-Esquivel Kranksith Laura ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	INTERNATIONAL JOURNAL OF ASTROBIOLOGY	2008
56	Prebiotic thermal polymerization of crystals of amino acids via the diketopiperazine reaction	FERNANDO GUILLERMO MOSQUEIRA PEREZ SALAZAR SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA	Biosystems	2008
57	A comparison between experimental results and a mathematical model of the oxidation reactions induced by radiation of ferrous ions	GABRIELA ESTELA SANCHEZ MEJORADA MILLAN ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL et al.	RADIATION MEASUREMENTS	2008
58	Irradiation of mixed ices as a laboratory cometary model	MARIA COLIN GARCIA ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL et al.	Iau Symposium Proceedings Series	2008

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59	Radiation chemistry approach to the study of ice analogs	MARIA COLIN GARCIA ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	Iau Symposium 2008 Proceedings Series
60	Irradiation of ferrous ammonium sulfate for its use as high absorbed dose and low-temperature dosimeter	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Juárez-Calderón J.M.	RADIATION 2007 PHYSICS AND CHEMISTRY
61	Optical and thermoluminescence properties of a NaCl single crystal doped with Cd ²⁺ , Mn ²⁺ and exposed to gamma-rays	SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA GABRIELA ESTELA SANCHEZ MEJORADA MILLAN et al.	JOURNAL OF 2007 RADIOANALYTIC AL AND NUCLEAR CHEMISTRY
62	Optical absorption and thermoluminescence in single NaCl: Cu crystals exposed to ⁶⁰ Co and UV light	EPIFANIO CRUZ ZARAGOZA SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA et al.	RADIATION 2006 PROTECTION DOSIMETRY
63	The behavior of single crystals of NaCl: Ca ²⁺ , Mn ²⁺ exposed to gamma rays	SERGIO AGUSTIN RAMOS BERNAL GABRIELA ESTELA SANCHEZ MEJORADA MILLAN ALICIA NEGRON MENDOZA et al.	APPLIED 2005 RADIATION AND ISOTOPES
64	Iron salts in solid state and in frozen solutions as dosimeters for low irradiation temperatures	JUAN MATEO LARTIGUE GORDILLO SERGIO AGUSTIN RAMOS BERNAL ALYA RAMOS RAMOS ELORDUY et al.	APPLIED 2005 RADIATION AND ISOTOPES
65	F-center effects in the luminescent properties of KCl-xBr x with divalent lead impurity	EPIFANIO CRUZ ZARAGOZA SERGIO AGUSTIN RAMOS BERNAL Barboza-Flores M. et al.	Physica Status 2005 Solidi C: Conferences
66	Defects generated by irradiation with gamma rays in lead doped KCl-KBr mixed single crystals	EPIFANIO CRUZ ZARAGOZA SERGIO AGUSTIN RAMOS BERNAL Barboza-Flores M. et al.	RADIATION 2004 MEASUREMENTS
67	Dependence of irradiation temperature in the response of iron salts	JUAN MATEO LARTIGUE GORDILLO GABRIELA ESTELA SANCHEZ MEJORADA MILLAN ALICIA NEGRON MENDOZA et al.	RADIATION 2004 MEASUREMENTS
68	Dosimetry for simulated experiments in extraterrestrial conditions using thermally stimulated luminescence	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL GABRIELA ESTELA SANCHEZ MEJORADA MILLAN et al.	RADIATION 2004 MEASUREMENTS
69	Behavior of adenine in Na-montmorillonite exposed to gamma radiation: implications to chemical evolution studies.	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Guzmán A.	CELLULAR AND 2002 MOLECULAR BIOLOGY
70	Irradiation dose determination below room temperature	SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA Cruz E. et al.	RADIATION 2002 PHYSICS AND CHEMISTRY

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71	Biased polymers in the origin of life	FERNANDO GUILLERMO MOSQUEIRA PEREZ SALAZAR SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA	Biosystems	2002
72	On the structural stability of montmorillonite submitted to heavy γ -irradiation	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Blumenfeld A.L. et al.	CLAYS AND CLAY MINERALS	2002
73	Evaluation of the dosimetric response for $\text{CaSO}_4:\text{Dy}$ at low temperature	EPIFANIO CRUZ ZARAGOZA SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA et al.	RADIATION PROTECTION DOSIMETRY	2002
74	Radiolysis of HCN in heterogeneous phase	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Cruz E. et al.	RADIATION PHYSICS AND CHEMISTRY	2001
75	Gamma coloration of mixed crystals of KCl-KBr doped with Pb^{2+}	EPIFANIO CRUZ ZARAGOZA ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL et al.	RADIATION PHYSICS AND CHEMISTRY	2001
76	Dosimetry for low temperature measurements using single and poly-crystals	EPIFANIO CRUZ ZARAGOZA SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA	RADIATION PHYSICS AND CHEMISTRY	2001
77	On the reproducibility of the glow curve of single crystal and commercial LiF	SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA EPIFANIO CRUZ ZARAGOZA	RADIATION PHYSICS AND CHEMISTRY	2000
78	A simple model of the thermal prebiotic oligomerization of amino acids	FERNANDO GUILLERMO MOSQUEIRA PEREZ SALAZAR SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA	Biosystems	2000
79	Room temperature F-coloring of lead doped NaCl as a function of radiation intensity and impurity concentration	SERGIO AGUSTIN RAMOS BERNAL Cruz E. Hernandez J.M. et al.	RADIATION PHYSICS AND CHEMISTRY	1998
80	Dose rate dependence of the first stage coloration of NaCl samples doped with impurity concentration Sn	SERGIO AGUSTIN RAMOS BERNAL Hernandez A J. Murrieta S H.	RADIATION PHYSICS AND CHEMISTRY	1998
81	Radiolysis of carboxylic acids adsorbed in clay minerals	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	RADIATION PHYSICS AND CHEMISTRY	1998
82	Selective blocking sites in the structure clay-nanometric montmorillonite	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL MARIA GUADALUPE ALBARRAN SANCHEZ et al.	NANOSTRUCT MATER	1997
83	Structural characterization of the montmorillonite clay nanometric particles	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL MARIA GUADALUPE ALBARRAN SANCHEZ et al.	NANOSTRUCT MATER	1997

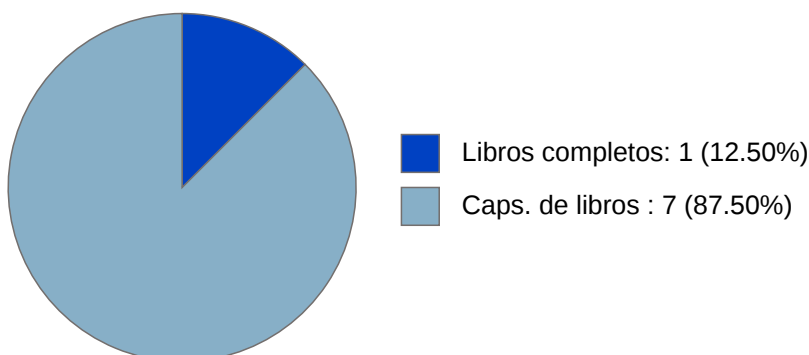
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84	Transformation of malonic acid adsorbed on a clay-mineral by gamma irradiation	ALICIA NEGRON MENDOZA MARIA GUADALUPE ALBARRAN SANCHEZ SERGIO AGUSTIN RAMOS BERNAL	RADIATION PHYSICS AND CHEMISTRY	1993
85	Radiation heterogeneous processes of ^{14}C -acetic acid adsorbed in Na-Montmorillonite	SERGIO AGUSTIN RAMOS BERNAL ALICIA NEGRON MENDOZA	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	1992
86	Simple model for the influence of impurity aggregates on the F-center production of alkali halides	SERGIO AGUSTIN RAMOS BERNAL Rubio O. J. Hernández A. J. et al.	PHYSICAL REVIEW B	1986
87	Influence of radiation intensity and lead concentration in the room-temperature coloring of KBr	SERGIO AGUSTIN RAMOS BERNAL Medrano P. C. Hernández A. J. et al.	PHYSICAL REVIEW B	1985
88	Model for F-center production in alkali halides doped with divalent cation impurities that change their valence state by irradiation	SERGIO AGUSTIN RAMOS BERNAL Hernández A. J. Murrieta S. H. et al.	PHYSICAL REVIEW B	1985
89	First stage coloration of alkali halides doped with M^{2+} impurities that change their valence state by irradiation as a function of X-irradiation dose rate	SERGIO AGUSTIN RAMOS BERNAL ADOLFO ERNESTO CORDERO BORBOA Murrieta S. H. et al.	SOLID STATE COMMUNICATIONS	1985

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	The role of hydrogen cyanide in the origin of Life	ALICIA NEGRON MENDOZA ALEJANDRO HEREDIA BARBERO MARIA COLIN GARCIA et al.	Capítulo de un Libro	2013	9781626182974
2	Noachian environments on Mars and the possible emergence of life	HUGO BRUNO BERALDI CAMPESI MARIA COLIN GARCIA ALEJANDRO HEREDIA BARBERO et al.	Capítulo de un Libro	2013	9781626181021
3	Prebiotic Formation of Peptides: A Markov Chain Approach	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	Capítulo de un Libro	2012	9789400729407
4	Olivine: It's role in chemical evolution and in the origin of life.	MARIA COLIN GARCIA ALICIA NEGRON MENDOZA FERNANDO ORTEGA GUTIERREZ et al.	Capítulo de un Libro	2011	9781613246580
5	Clay	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL	Capítulo de un Libro	2011	9783642112799
6	Planetary conditions at the hadean and archean transition: Possible scenarios for the origin of life	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL MARIA COLIN GARCIA et al.	Libro Completo	2011	9781612091228



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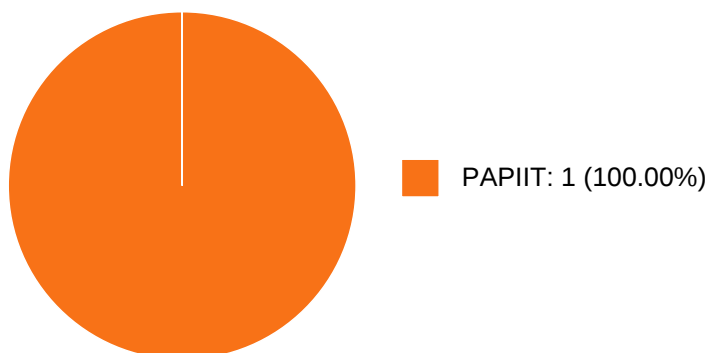
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7	Comets and the origin of life: Pioneer of organics for chemical evolution	MARIA COLIN GARCIA ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL et al.	Capítulo de un Libro	2011	9781613246580
8	Creation and evolution in harmonic juxtaposition in nahua culture	ALICIA NEGRON MENDOZA SERGIO AGUSTIN RAMOS BERNAL Ramos-Amézquita S. et al.	Capítulo de un Libro	2008	9789812834355

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Efecto de la radiación en compuestos orgánicos quirales de importancia prebiótica adsorbidos en un mineral	SERGIO AGUSTIN RAMOS BERNAL	Recursos PAPIIT	01-01-2017	31-12-2019



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PARTICIPACIÓN EN TESIS

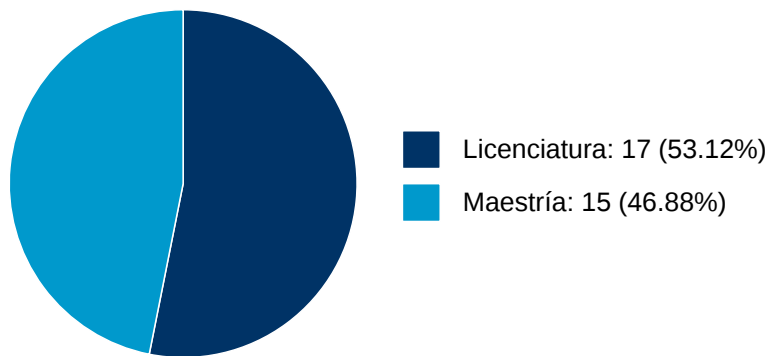
No se encuentran registros en la base de datos de TESIUNAM asociados a:

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	TEMAS SELECTOS D CIENCIAS ESPACIALE	Escuela Nacional de Ciencias de la Tierra	6	2024-2
2	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	3	2024-2
3	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.II	Facultad de Ciencias	1	2024-2
4	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	1	2024-1
5	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.II	Facultad de Ciencias	3	2023-2
6	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.II	Facultad de Ciencias	6	2023-1
7	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	3	2023-1
8	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	6	2022-2
9	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.II	Facultad de Ciencias	2	2022-2
10	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	1	2022-1
11	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.II	Facultad de Ciencias	4	2022-1
12	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	2	2021-2
13	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.II	Facultad de Ciencias	2	2021-2
14	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	2	2021-1
15	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.II	Facultad de Ciencias	3	2020-2
16	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	3	2020-1
17	Licenciatura	TALLER INVEST.CIENCIAS ESPACIAL.I	Facultad de Ciencias	1	2018-2
18	Maestría	TEMA SELECTO,QUIMICA DE RADIACIONES	Facultad de Química	3	2018-2
19	Maestría	TEMA SELECTO,QUIMICA DE RADIACIONES	Facultad de Química	1	2018-1
20	Maestría	TEMA SELECTO-324465	Facultad de Química	3	2017-1
21	Maestría	TRABAJO DE INVESTIGACION-395654	Facultad de Química	1	2017-1
22	Maestría	TEMA SELECTO	Facultad de Química	3	2016-2

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23	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2016-2
24	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2016-1
25	Maestría	TEMA SELECTO	Facultad de Química	5	2016-1
26	Maestría	TEMA SELECTO	Facultad de Química	2	2014-1
27	Maestría	TEMAS SELECTOS	Facultad de Química	3	2013-1
28	Maestría	TEMAS SELECTOS	Facultad de Química	2	2012-2
29	Maestría	TEMAS SELECTOS	Facultad de Química	2	2012-1
30	Maestría	TEMAS SELECTOS	Facultad de Química	5	2011-2
31	Maestría	TEMAS SELECTOS	Facultad de Química	3	2009-2
32	Maestría	TEMAS SELECTOS	Facultad de Química	5	2008-2



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
Simplificación de la Gestión Institucional
Reporte individual



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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	2008-2025
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2025
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2025
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2025
9	Documentos Indexados	Thomson Reuters	WoS	2008-2025
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2025
11	Patentes	IMPI	SIGA	2008-2024