



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



LUIS FELIPE DEL CASTILLO DAVILA

Datos Generales

Nombre: LUIS FELIPE DEL CASTILLO DAVILA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 50 años

Nombramientos

Último: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Investigaciones en Materiales
Desde 16-11-2008 hasta 30-11-2020

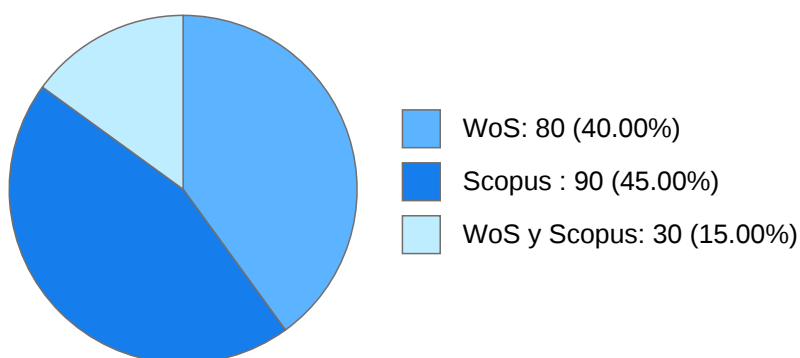
Estímulos, programas, premios y reconocimientos

SNI III 2015 - 2022
SNI II - 2014
PRIDE D - 2020
PRIDE C 2008

LUIS FELIPE DEL CASTILLO DAVILA

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Memory kernel formalism with fractional exponents and its application to dielectric relaxation	SAUL IVAN HERNANDEZ HERNANDEZ LUIS FELIPE DEL CASTILLO DAVILA ROXANA MITZAYE DEL CASTILLO VAZQUEZ et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2023
2	A refined model on flow and oxygen consumption in the human cornea depending on the oxygen tension at the interface cornea/post lens tear film during contact lens wear	ROXANA MITZAYE DEL CASTILLO VAZQUEZ LUIS FELIPE DEL CASTILLO DAVILA Moreno V.C. et al.	Journal Of Optometry	2022
3	Experimental and computational conductivity study of multilayer graphene in polypropylene nanocomposites (vol 6, pg 7232, 2018)	ROXANA MITZAYE DEL CASTILLO VAZQUEZ LUIS FELIPE DEL CASTILLO DAVILA ALIPIO GUSTAVO CALLES MARTINEZ et al.	JOURNAL OF MATERIALS CHEMISTRY C	2021
4	Temperature dependence of anomalous protonic and superprotonic transport properties in mixed salts based on CsH ₂ PO ₄ (vol 21, pg 12948, 2019)	SAUL IVAN HERNANDEZ HERNANDEZ CONSUELO GARCIA ALCANTARA LUIS FELIPE DEL CASTILLO DAVILA et al.	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2021
5	Non-covalent interactions on polymer-graphene nanocomposites and their effects on the electrical conductivity	JORGE LUIS APATIGA SANCHEZ ROXANA MITZAYE DEL CASTILLO VAZQUEZ LUIS FELIPE DEL CASTILLO DAVILA et al.	POLYMERS	2021

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6	Corneal relaxation time estimation as a function of tear oxygen tension in human cornea during contact lens wear	LUIS FELIPE DEL CASTILLO DAVILA ROXANA MITZAYE DEL CASTILLO VAZQUEZ Juanibeth G. Ramirez-Calderon et al.	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS	2020
7	Effect of metallacarborane salt H[COSANE] doping on the performance properties of polybenzimidazole membranes for high temperature PEMFCs	LARISSA ALEXANDROVA LUIS FELIPE DEL CASTILLO DAVILA Jessica Olvera-Mancilla et al.	Soft Matter	2020
8	Recent progress in the development of composite membranes based on polybenzimidazole for high temperature proton exchange membrane (PEM) fuel cell applications	LARISSA ALEXANDROVA LUIS FELIPE DEL CASTILLO DAVILA Escorihuela J. et al.	POLYMERS	2020
9	Modification of polyetherimide membranes with ZIFs fillers for CO2 separation	LUIS FELIPE DEL CASTILLO DAVILA Vega J. Andrio A. et al.	SEPARATION AND PURIFICATION TECHNOLOGY	2019
10	Temperature dependence of anomalous protonic and superprotonic transport properties in mixed salts based on CsH2PO4	SAUL IVAN HERNANDEZ HERNANDEZ CONSUELO GARCIA ALCANTARA LUIS FELIPE DEL CASTILLO DAVILA et al.	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2019
11	On the temperature dependence of the Adam-Gibbs equation around the crossover region in the glass transition	MARIA MICHEL DUQUE VEGA ADRIANA ANDRACA GOMEZ PATRICIA GOLDSTEIN MENACHE et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2018
12	Experimental and computational conductivity study of multilayer graphene in polypropylene nanocomposites (vol 6, pg 7232, 2018)	ROXANA MITZAYE DEL CASTILLO VAZQUEZ LUIS FELIPE DEL CASTILLO DAVILA ALIPIO GUSTAVO CALLES MARTINEZ et al.	JOURNAL OF MATERIALS CHEMISTRY C	2018
13	Experimental and computational conductivity study of multilayer graphene in polypropylene nanocomposites	ROXANA MITZAYE DEL CASTILLO VAZQUEZ LUIS FELIPE DEL CASTILLO DAVILA ALIPIO GUSTAVO CALLES MARTINEZ et al.	JOURNAL OF MATERIALS CHEMISTRY C	2018
14	Structural and Gas Retention Changes Induced by Ozonization of Cobalt(II) and Manganese(II) Hexacyanocobaltates(III)	LUIS FELIPE DEL CASTILLO DAVILA JORGE BALMASEDA ERA Laura Ríos, M. et al.	Crystals	2017

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15	Analysis of the application of the generalized monod kinetics model to describe the human corneal oxygen-consumption rate during soft contact lens wear	LUIS FELIPE DEL CASTILLO DAVILA Compañ, V. Aguilera-Arzo, M. et al.	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS	2017
16	Conductivity study of Zeolitic Imidazolate Frameworks, Tetrabutylammonium hydroxide doped with Zeolitic Imidazolate Frameworks, and mixed matrix membranes of Polyetherimide/Tetrabutylammonium hydroxide doped with Zeolitic Imidazolate Frameworks for proton conducting applications	LUIS FELIPE DEL CASTILLO DAVILA J. Vega A. Andrio et al.	ELECTROCHIMICA ACTA	2017
17	Synthesis, characterization, and crystal structure of two zinc linear dicarboxylates	LUIS FELIPE DEL CASTILLO DAVILA RUBEN ALFREDO TOSCANO JORGE BALMASEDA ERA et al.	POWDER DIFFRACTION	2016
18	Continued-fraction expansion of transport coefficients with fractional calculus	SAUL IVAN HERNANDEZ HERNANDEZ LUIS FELIPE DEL CASTILLO DAVILA Garcia-Bernabe, Abel et al.	Mathematics	2016
19	Universal behavior of the viscosity of supercooled fragile and polymeric glassformers in different temperature regions	ADRIANA ANDRACA GOMEZ PATRICIA GOLDSTEIN MENACHE LUIS FELIPE DEL CASTILLO DAVILA	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2016
20	Singly and binary grafted poly(vinyl chloride) urinary catheters that elute ciprofloxacin and prevent bacteria adhesion	Luisa Islas LUIS FELIPE DEL CASTILLO DAVILA SOFIA GUILLERMINA BURILLO AMEZCUA et al.	INTERNATIONAL JOURNAL OF PHARMACEUTICS	2015
21	Conductive films based on composite polymers containing ionic liquids absorbed on crosslinked polymeric ionic-like liquids (SILLPs)	LUIS FELIPE DEL CASTILLO DAVILA Altava, B. Compan, V. et al.	Polymer	2015
22	Interconversion algorithm between mechanical and dielectric relaxation measurements for acetate of cis - And trans -2-phenyl-5-hydroxymethyl-1,3-dioxane	LUIS FELIPE DEL CASTILLO DAVILA GarciaBernabe, A. LidonRoger, J. V. et al.	PHYSICAL REVIEW E	2015
23	Diffusion and Monod kinetics model to determine in vivo human corneal oxygen-consumption rate during soft contact lens wear	LUIS FELIPE DEL CASTILLO DAVILA Da Silva A.R.F. Hernández S.I. et al.	Journal Of Optometry	2015

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24	Polyamide-6: The effects on mechanical and physicochemical properties by electron beam irradiation at different temperatures	ESBAIDE ADEM CHAHIN SOFIA GUILLERMINA BURILLO AMEZCUA LUIS FELIPE DEL CASTILLO DAVILA et al.	RADIATION PHYSICS AND CHEMISTRY	2014
25	Configurational entropy calculation of poly(alpha-alkyl beta,L-aspartate)s amorphous and crystalline films using gas permeation	LUIS FELIPE DEL CASTILLO DAVILA J. A. Nava Andrio, A. et al.	EUROPEAN POLYMER JOURNAL	2014
26	Description of the viscosity of honeys in the supercooled regime	ADRIANA ANDRACA GOMEZ PATRICIA GOLDSTEIN MENACHE LUIS FELIPE DEL CASTILLO DAVILA	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2013
27	Theoretical analysis of thermal rectification in a bulk Si/nanoporous Si device	LUIS FELIPE DEL CASTILLO DAVILA Criado-Sancho, M. Casas-Vazquez, J. et al.	PHYSICS LETTERS A	2012
28	Synthesis and crystal structure of three new cadmium tartrates with open frameworks	PAULA VERA CRUZ DUTRENIT RUBEN ALFREDO TOSCANO JORGE BALMASEDA ERA et al.	Crystengcomm	2012
29	Effect of zeolitic imidazolate frameworks on the gas transport performance of ZIF8-poly(1,4-phenylene ether-ether-sulfone) hybrid membranes	Kenya Diaz LUIS FELIPE DEL CASTILLO DAVILA Lopez-Gonzalez, Mar et al.	JOURNAL OF MEMBRANE SCIENCE	2011
30	CO ₂ Transport in Polysulfone Membranes Containing Zeolitic Imidazolate Frameworks As Determined by Permeation and PFG NMR Techniques	Kenya Diaz LUIS FELIPE DEL CASTILLO DAVILA Garrido, Leoncio et al.	Macromolecule s	2010
31	Hydrogen Storage in Prussian Blue Analogues: H ₂ Interaction with the Metal Found at the Cavity Surface	JORGE BALMASEDA ERA LUIS FELIPE DEL CASTILLO DAVILA Krap, C. P. et al.	ENERGY & FUELS	2010
32	Crystallinity Effect on the Gas Transport in Semicrystalline Coextruded Films Based on Linear Low Density Polyethylene	LUIS FELIPE DEL CASTILLO DAVILA S. I. Hernandez Compan, Vicente et al.	JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS	2010
33	Unique coordination of pyrazine in T[Ni(CN)(4)] center dot 2pyz with T = Mn, Zn, Cd	ANA ADELA LEMUS SANTANA LUIS FELIPE DEL CASTILLO DAVILA Rodriguez-Hernandez, J. et al.	JOURNAL OF SOLID STATE CHEMISTRY	2009
34	Fractional Fokker-Planck equation approach for the interconversion between dielectric and mechanical measurements	LUIS FELIPE DEL CASTILLO DAVILA Garcia-Bernabe, A. Sanchis, M. J. et al.	JOURNAL OF APPLIED PHYSICS	2009

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35	Temperature and pH-responsive of binary graft DMAEMA/PEGMEMA onto PP induced by gamma rays	A. R. Hernandez Martinez EMILIO BUCIO CARRILLO LUIS FELIPE DEL CASTILLO DAVILA	Abstracts Of Papers Of The American Chemical Society	2009
36	Hydrogen storage in porous cyanometalates: Role of the exchangeable alkali metal	L. Reguera JORGE BALMAEDA ERA LUIS FELIPE DEL CASTILLO DAVILA et al.	JOURNAL OF PHYSICAL CHEMISTRY C	2008
37	Tracer diffusion in glassforming liquids	ADRIANA ANDRACA GOMEZ PATRICIA GOLDSTEIN MENACHE LUIS FELIPE DEL CASTILLO DAVILA	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2008
38	Electrochemical Properties of Cation-Exchange Membranes Based on Polysulfones	Ethel Parceró RAFAEL HERRERA NAJERA LUIS FELIPE DEL CASTILLO DAVILA et al.	JOURNAL OF THE ELECTROCHEMICAL SOCIETY	2008
39	Interconversion model for mechanical and dielectric α -relaxations measurements	LUIS FELIPE DEL CASTILLO DAVILA García-Bernabé A. Sanchis M.J. et al.	AIP Conference Proceedings	2008
40	Porous hexacyanocobaltates(III): Role of the metal on the framework properties	JORGE BALMAEDA ERA LUIS FELIPE DEL CASTILLO DAVILA Roque J. et al.	MICROPOROUS AND MESOPOROUS MATERIALS	2007
41	Processing and mechanical properties of natural rubber-ZnFe 2O ₄ nanocomposites	LUIS FELIPE DEL CASTILLO DAVILA Piña-Hernández C. Hernández L. et al.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2007
42	On the crystallinity effect on the gas sorption in semicrystalline linear low density polyethylene (LLDPE)	LUIS FELIPE DEL CASTILLO DAVILA Compañ V. Hernández S.I. et al.	JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS	2007
43	Polarization-diffusion effect on the dispersion of N- and α -dielectric relaxation modes	LUIS FELIPE DEL CASTILLO DAVILA Hernández S.I.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2007
44	Thermal evolution of microporous nitroprussides on their dehydration process	JORGE BALMAEDA ERA LUIS FELIPE DEL CASTILLO DAVILA Torres-García E. et al.	Journal Of Thermal Analysis And Calorimetry	2006

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45	Generalized hydrodynamics of a dilute suspension of finite-sized particles: Dynamic viscosity	IVAN SANTAMARIA HOLEK CARLOS IGNACIO MENDOZA RUIZ LUIS FELIPE DEL CASTILLO DAVILA et al.	PHYSICAL REVIEW E	2006
46	Gas transport properties of new aromatic cardo poly(aryl ether ketone)s	MIKHAIL ZOLOTUKHIN LUIS FELIPE DEL CASTILLO DAVILA Camacho-Zuñiga C. et al.	JOURNAL OF MEMBRANE SCIENCE	2006
47	Polynorbornene dicarboximides with cyclic pendant groups: Synthesis and gas transport properties	KENYA DIAZ BECERRIL LUIS FELIPE DEL CASTILLO DAVILA MOUKHAMED TLENKOPATCHEV et al.	MACROMOLECULAR CHEMISTRY AND PHYSICS	2005
48	Interconversion of mechanical and dielectrical relaxation measurements for dicyclohexylmethyl-2-methyl succinate	LUIS FELIPE DEL CASTILLO DAVILA Díaz-Calleja R. García-Bernabé A. et al.	PHYSICAL REVIEW E	2005
49	Combined use of high resolution TGA with the isoconversion method: Kinetic analysis of the thermal dehydration of KNbWO ₆ ·H ₂ O	LUIS FELIPE DEL CASTILLO DAVILA Rodríguez-Gattorno G. Torres-García E.	THERMOCHIMICA ACTA	2005
50	Isothermal Crystallization Kinetics of Polypropylene by Differential Scanning Calorimetry. I. Experimental Conditions	LUIS FELIPE DEL CASTILLO DAVILA RICARDO VERA GRAZIANO Hernández-Sánchez F.	JOURNAL OF APPLIED POLYMER SCIENCE	2004
51	Shear-induced shift of the critical point in diluted and entangled polymer solutions	LUIS FELIPE DEL CASTILLO DAVILA Criado-Sancho M. Jou D. et al.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2002
52	Properties of the first and second order memory functions of dielectric relaxation	LUIS FELIPE DEL CASTILLO DAVILA Díaz-Calleja R. García-Bernabé A. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2002
53	Shear-induced shift of spinodal line in entangled polymer blends	LUIS FELIPE DEL CASTILLO DAVILA M Criado-Sancho D Jou et al.	PHYSICAL REVIEW E	2002
54	Nonequilibrium thermodynamics formulation for electric transients. (I). The generalized Drude equation	LUIS FELIPE DEL CASTILLO DAVILA Estrada-Flores A.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2001
55	A thermodynamic model for shear-induced concentration banding and macromolecular separation	LUIS FELIPE DEL CASTILLO DAVILA Jou D. Criado-Sancho M. et al.	Polymer	2001
56	Potential of particle and fibre reinforcement of tyre tread elastomers	RICARDO CHICUREL UZIEL LUIS FELIPE DEL CASTILLO DAVILA Ríos S.	MATERIALS & DESIGN	2001
57	Legendre transform in the thermodynamics of flowing polymer solutions	LUIS FELIPE DEL CASTILLO DAVILA Casas-Vázquez J. Jou D. et al.	PHYSICAL REVIEW E	2001

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58	Memory function for dielectric relaxation	LUIS FELIPE DEL CASTILLO DAVILA Díaz-Calleja R. García-Bernabé A. et al.	JOURNAL OF CHEMICAL PHYSICS	2000
59	On the Stokes-Einstein relation in glass forming liquids	PATRICIA GOLDSTEIN MENACHE LUIS FELIPE DEL CASTILLO DAVILA García-Colín L.S.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	2000
60	Nonequilibrium chemical potential and shear-induced migration of polymers in dilute solutions	LUIS FELIPE DEL CASTILLO DAVILA Criado-Sancho M. Jou D.	Polymer	2000
61	Shear induced polymer migration: Analysis of the evolution of concentration profiles	LUIS FELIPE DEL CASTILLO DAVILA Criado-Sancho M. Jou D. et al.	Polymer	2000
62	Effects of gradient of polarization on dielectric relaxation	LUIS FELIPE DEL CASTILLO DAVILA Díaz-Calleja R.	PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS	1999
63	Effects of symmetric and antisymmetric stress tensors on N- and α -dielectric relaxations	LUIS FELIPE DEL CASTILLO DAVILA ANGEL GARCIA ZAVALA Hernández S.I. et al.	JOURNAL OF NON-CRYSTALLI NE SOLIDS	1998
64	Role of the second-order memory function on the dielectric relaxation	LUIS FELIPE DEL CASTILLO DAVILA Díaz-Calleja R. Sanchis M.J.	JOURNAL OF CHEMICAL PHYSICS	1998
65	Ultrafast dielectric relaxation response of polar liquids	LUIS FELIPE DEL CASTILLO DAVILA LUIS ANTONIO DAVALOS OROZCO García-Colín L.S.	JOURNAL OF CHEMICAL PHYSICS	1997
66	A thermodynamic basis for charged particles transport in viscoelastic fluids	LUIS FELIPE DEL CASTILLO DAVILA PATRICIA GOLDSTEIN MENACHE Estrada-Flores A.	JOURNAL OF CHEMICAL PHYSICS	1997
67	Radiation grafting of dimethylaminopropylacrylamide and dimethylaminopropylmethacrylamide onto polyethylene	SOFIA GUILLERMINA BURILLO AMEZCUA LUIS FELIPE DEL CASTILLO DAVILA Oseguera M.A. et al.	RADIATION PHYSICS AND CHEMISTRY	1997
68	Electrostatic forces as a possible mechanism underlying skeletal muscle contraction	LUIS FELIPE DEL CASTILLO DAVILA Muñiz J. Marin J.L. et al.	GENERAL PHYSIOLOGY AND BIOPHYSICS	1996
69	Relaxation phenomena in viscoelastic colloidal suspensions with internal rotation	LUIS ANTONIO DAVALOS OROZCO LUIS FELIPE DEL CASTILLO DAVILA	JOURNAL OF COLLOID AND INTERFACE SCIENCE	1996

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70	Dielectric relaxation studies on polymeric salts: Poly(methylmethacrylate-co-N,N-dimethylaminopropylacrylamide) benzoic acid systems	LUIS FELIPE DEL CASTILLO DAVILA ALFONSO HUANOSTA TERA TAKESHI OGAWA MURATA et al.	POLYMER INTERNATIONAL	1996
71	New crosslinking agent for vinyl polymers I. PVC	SOFIA GUILLERMINA BURILLO AMEZCUA TAKESHI OGAWA MURATA LUIS FELIPE DEL CASTILLO DAVILA et al.	RADIATION PHYSICS AND CHEMISTRY	1995
72	Determination of the isoentropic temperature in the glass transition	LUIS FELIPE DEL CASTILLO DAVILA Goldstein Patricia García-Colín L.S.	Macromolecules	1993
73	Coupling-constant description of coupled flow and diffusion	LUIS FELIPE DEL CASTILLO DAVILA ROSALIO RODRIGUEZ ZEPEDA Mason E.A.	JOURNAL OF MEMBRANE SCIENCE	1992
74	Dielectric relaxation in polar and viscoelastic fluids with internal rotation	LUIS ANTONIO DAVALOS OROZCO LUIS FELIPE DEL CASTILLO DAVILA	JOURNAL OF CHEMICAL PHYSICS	1992
75	Modified Avrami expression for polymer crystallization kinetics	LUIS FELIPE DEL CASTILLO DAVILA RICARDO VERA GRAZIANO Perez-Cardenas Fernando C.	JOURNAL OF APPLIED POLYMER SCIENCE	1991
76	Dielectric relaxation in polar and viscoelastic fluids	LUIS FELIPE DEL CASTILLO DAVILA ANTONIO DAVALOS OROZCO	JOURNAL OF CHEMICAL PHYSICS	1990
77	Dielectric behaviour of viscous fluids	LUIS ANTONIO DAVALOS OROZCO LUIS FELIPE DEL CASTILLO DAVILA	JOURNAL OF NON-EQUILIBRIUM THERMODYNAMICS	1990
78	Erratum: Theoretical basis for the Vogel-Fulcher-Tammann equation (Physical Review B (1990) 41, 7, (4785))	LUIS FELIPE DEL CASTILLO DAVILA PATRICIA GOLDSTEIN MENACHE García-Colín L.S.	PHYSICAL REVIEW B	1990
79	Relaxation and resonances in fluctuating dielectric systems	LUIS FELIPE DEL CASTILLO DAVILA García-Colín L.S.	PHYSICAL REVIEW A	1989
80	Theoretical basis for the Vogel-Fulcher-Tammann equation	LUIS FELIPE DEL CASTILLO DAVILA PATRICIA GOLDSTEIN MENACHE García-Colín L.S.	PHYSICAL REVIEW B	1989
81	Extended Thermodynamics and Membrane Transport	ROSALIO RODRIGUEZ ZEPEDA LUIS FELIPE DEL CASTILLO DAVILA	JOURNAL OF NON-EQUILIBRIUM THERMODYNAMICS	1989

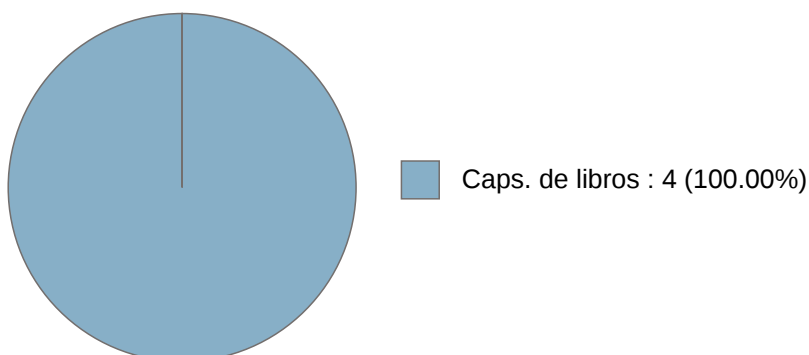
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82	Dielectric relaxation thermodynamics: Comparison with experiment	LUIS FELIPE DEL CASTILLO DAVILA García-Colín L.S.	PHYSICAL REVIEW B	1988
83	Fluids with internal degrees of freedom. I. Extended thermodynamics approach	ROSALIO RODRIGUEZ ZEPEDA LUIS FELIPE DEL CASTILLO DAVILA García-Colín L.S.	JOURNAL OF CHEMICAL PHYSICS	1987
84	Linear viscoelasticity and irreversible thermodynamics	MARIANO LOPEZ DE HARO LUIS FELIPE DEL CASTILLO DAVILA ROSALIO RODRIGUEZ ZEPEDA	RHEOLOGICA ACTA	1986
85	Generalization of membrane reflection coefficients for nonideal, nonisothermal, multicomponent systems with external forces and viscous flow	LUIS FELIPE DEL CASTILLO DAVILA Mason E.A.	JOURNAL OF MEMBRANE SCIENCE	1986
86	Thermodynamic basis for dielectric relaxation in complex materials	LUIS FELIPE DEL CASTILLO DAVILA García-Colín L.S.	PHYSICAL REVIEW B	1986
87	The role of viscous flow in theories of membrane transport	LUIS FELIPE DEL CASTILLO DAVILA Mason E.A.	JOURNAL OF MEMBRANE SCIENCE	1985
88	Compatibility between Extended Irreversible Thermodynamics and Kinetic-Theory: Uniform Shear Flow	ROSALIO RODRIGUEZ ZEPEDA MARIANO LOPEZ DE HARO LUIS FELIPE DEL CASTILLO DAVILA	JOURNAL OF NON-EQUILIBRIU M THERMODYNAMI CS	1985
89	Energy-barrier models for membrane transport	LUIS FELIPE DEL CASTILLO DAVILA Mason E.A. Viehland L.A.	BIOPHYSICAL CHEMISTRY	1979
90	Statistical-mechanical theory of passive transport through semipermeable membranes	LUIS FELIPE DEL CASTILLO DAVILA Mason E.A. Revercomb H.E.	BIOPHYSICAL CHEMISTRY	1979
91	Deformed reverse osmosis membrane and low pressure operation	JOSE IGNACIO MARTINEZ GUERRERO LUIS FELIPE DEL CASTILLO DAVILA	Desalination	1978

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LIBROS Y CAPITULOS CON ISBN

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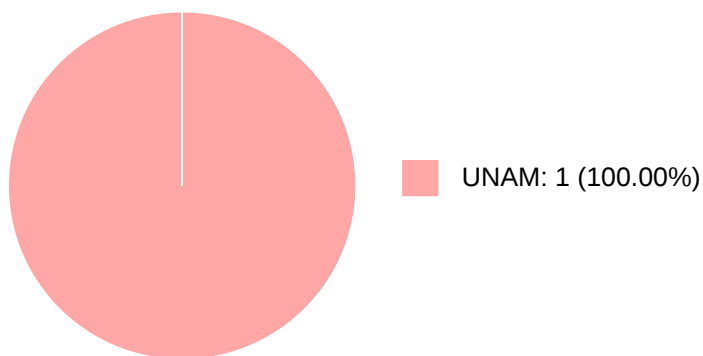


#	Título	Autores	Alcance	Año	ISBN
1	Activation Entropy for Diffusion of Gases Through Mixed Matrix Membranes	LUIS FELIPE DEL CASTILLO DAVILA Compan V.	Capítulo de un Libro	2017	9780128098851
2	Activation Entropy for Diffusion of Gases Through Mixed Matrix Membranes,	LUIS FELIPE DEL CASTILLO DAVILA	Capítulo de un Libro	2017	9780128098844
3	Obtaining the tortuosity factor as a function of crystallinity in polyethylene membranes	LUIS FELIPE DEL CASTILLO DAVILA Hernández, S.I. Compañ, V.	Capítulo de un Libro	2016	9783319453156
4	Kinetic and calorimetric behavior of polymers in the glass transition region	ADRIANA ANDRACA GOMEZ PATRICIA GOLDSTEIN MENACHE LUIS FELIPE DEL CASTILLO DAVILA	Capítulo de un Libro	2010	9789814307543

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Física de polímeros i.	LUIS FELIPE DEL CASTILLO DAVILA	Presupuesto de la UNAM asignado a la Dependencia	01-01-2018	31-12-2021



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



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PARTICIPACIÓN EN TESIS

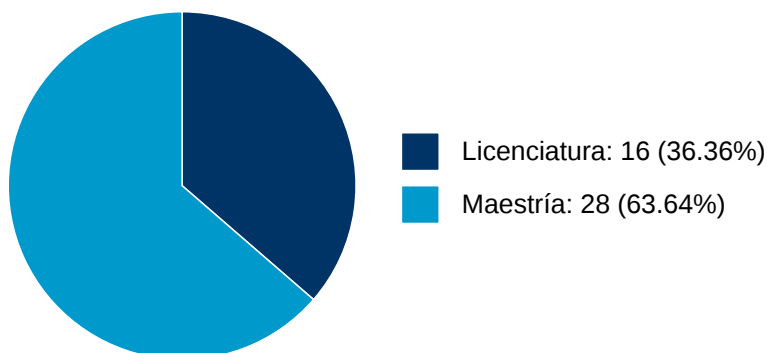
No se encuentran registros en la base de datos de TESIUNAM asociados a:

LUIS FELIPE DEL CASTILLO DAVILA

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DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	TERMODINAMICA	Facultad de Ciencias	33	2020-2
2	Licenciatura	TERMODINAMICA	Facultad de Ciencias	28	2020-1
3	Licenciatura	TERMODINAMICA	Facultad de Ciencias	30	2019-2
4	Licenciatura	TERMODINAMICA	Facultad de Ciencias	43	2019-1
5	Licenciatura	TERMODINAMICA	Facultad de Ciencias	5	2018-2
6	Licenciatura	FENOMENOS COLECTIVOS	Facultad de Ciencias	9	2018-1
7	Licenciatura	TERMODINAMICA	Facultad de Ciencias	36	2017-2
8	Licenciatura	TERMODINAMICA	Facultad de Ciencias	5	2017-1
9	Licenciatura	TERMODINAMICA	Facultad de Ciencias	3	2016-2
10	Licenciatura	TERMODINAMICA	Facultad de Ciencias	7	2016-1
11	Licenciatura	TERMODINAMICA	Facultad de Ciencias	25	2015-2
12	Maestría	FISICA DE POLIMEROS	Instituto de Investigaciones en Materiales	1	2015-2
13	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	6	2014-2
14	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	8	2014-2
15	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	19	2014-1

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16	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	11	2014-1
17	Maestría	PROYECTO DE INVESTIGACION	Instituto de Investigaciones en Materiales	31	2014-1
18	Maestría	FISICA DE POLIMEROS	Instituto de Investigaciones en Materiales	2	2014-1
19	Maestría	PROYECTO DE INVESTIGACION	Instituto de Investigaciones en Materiales	29	2013-2
20	Maestría	ESTANCIA DE INVESTIGACION	Instituto de Investigaciones en Materiales	30	2013-2
21	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	46	2013-2
22	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	21	2013-1
23	Maestría	ESTANCIA DE INVESTIGACION	Instituto de Investigaciones en Materiales	45	2013-1
24	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	17	2013-1
25	Maestría	PROYECTO DE INVESTIGACION	Instituto de Investigaciones en Materiales	39	2013-1
26	Maestría	PROYECTO DE INVESTIGACION	Instituto de Investigaciones en Materiales	41	2012-2
27	Maestría	ESTANCIA DE INVESTIGACION	Instituto de Investigaciones en Materiales	38	2012-2
28	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	31	2012-2
29	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	14	2012-2

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30	Maestría	FISICA DE POLIMEROS	Instituto de Investigaciones en Materiales	1	2012-2
31	Maestría	PROYECTO DE INVESTIGACION	Instituto de Investigaciones en Materiales	40	2012-1
32	Maestría	SEMINARIO DE INVESTIGACION	Instituto de Investigaciones en Materiales	31	2012-1
33	Maestría	ESTANCIA DE INVESTIGACION	Instituto de Investigaciones en Materiales	47	2012-1
34	Maestría	FISICA DE POLIMEROS	Instituto de Investigaciones en Materiales	7	2011-2
35	Licenciatura	TERMODINAMICA	Facultad de Ciencias	12	2011-2
36	Licenciatura	TERMODINAMICA	Facultad de Ciencias	6	2011-1
37	Maestría	TERMOESTADISTICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	1	2011-1
38	Maestría	TERMOESTADISTICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	1	2010-2
39	Licenciatura	TERMODINAMICA	Facultad de Ciencias	7	2010-1
40	Maestría	TERMOESTADISTICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	2	2009-2
41	Licenciatura	FISICA ESTADISTICA	Facultad de Ciencias	33	2009-1
42	Maestría	FISICA DE POLIMEROS	Instituto de Investigaciones en Materiales	2	2009-1
43	Maestría	FISICA DE POLIMEROS	Instituto de Investigaciones en Materiales	1	2008-1
44	Licenciatura	FISICA ESTADISTICA	Facultad de Ciencias	12	2008-1



Sistema Integral de Información Académica
Coordinación de Planeación, Evaluación y
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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