



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



ORACIO NAVARRO CHAVEZ

Datos Generales

Nombre: ORACIO NAVARRO CHAVEZ

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 33 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Instituto de Investigaciones en Materiales
Desde 16-11-2017

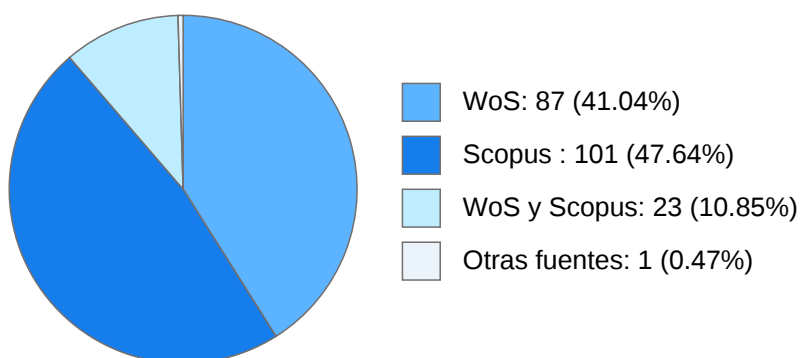
Estímulos, programas, premios y reconocimientos

SNI III 2011 - VIGENTE
SNI II - 2010
PRIDE D - 2024
PASPA Estancias Sabáticas 2019 - 2020

ORACIO NAVARRO CHAVEZ

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Bound-electron pairs within a repulsive Hubbard model in two-coupled linear chains	ELIZANDRO HUIPE DOMRATCHEVA ORACIO NAVARRO CHAVEZ Díaz-Reynoso U.A.	PHYSICA B-CONDENSED MATTER	2024
2	Flat-bands in translated and twisted bilayer Penrose quasicrystals	URIEL ALBERTO DIAZ REYNOSO ELIZANDRO HUIPE DOMRATCHEVA ORACIO NAVARRO CHAVEZ	JOURNAL OF PHYSICS-COND ENSED MATTER	2024
3	Stability improvement of CH ₃ NH ₃ PbI ₃ hybrid perovskite through tin and chlorine doping	BERTHA OLIVA AGUILAR REYES TANIA ELIZABETH SOTO GUZMAN ORACIO NAVARRO CHAVEZ et al.	REVISTA MEXICANA DE FISICA	2023
4	Repulsive bound-electron pairs in a Peierls lattice	URIEL ALBERTO DIAZ REYNOSO ELIZANDRO HUIPE DOMRATCHEVA ORACIO NAVARRO CHAVEZ	REVISTA MEXICANA DE FISICA	2023
5	Disorder effects on the ballistic transport of gated phosphorene superlattices	ORACIO NAVARRO CHAVEZ Guzmán E.J. Oubram O. et al.	PHYSICAL REVIEW B	2023
6	Powder Metallurgy and Hardness of the Al-10Mg Alloy Reinforced with Carbon Nanotubes	ORACIO NAVARRO CHAVEZ Sánchez-Cuevas J.J. Rosas G. et al.	SCIENCE OF SINTERING	2022

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7	Structural phase transition and variation of magnetoresistance in the stoichiometric double perovskite $\text{Sr}_{2-y}\text{Nd}_y\text{Fe}_{1+x}\text{Mo}_{1-x}\text{O}_6$ ($0.05=y=0.45$ and $x = y/2$)	TANIA ELIZABETH SOTO GUZMAN BERTHA OLIVA AGUILAR REYES JOAQUIN DE LA TORRE MEDINA et al.	JOURNAL OF SOLID STATE CHEMISTRY	2022
8	An Electronic Correlation Approach to the Metal-Insulator Transition in the Half-Metallic $\text{Sr}_2\text{FeMoO}_6$ Compound Doped With W	ORACIO NAVARRO CHAVEZ FRANCISCO ESTRADA PORRUA BERTHA OLIVA AGUILAR REYES et al.	IEEE TRANSACTIONS ON MAGNETICS	2021
9	Sol-Gel Synthesis of the Double Perovskite $\text{Sr}_2\text{FeMoO}_6$ by Microwave Technique	JESUS VALDES MARTINEZ RUFINO NAVA MENDOZA BERTHA OLIVA AGUILAR REYES et al.	Materials	2021
10	Synthesis and characterization of $\text{CH}_3\text{NH}_3\text{PbI}_3$ perovskite thin films obtained in one step	BERTHA OLIVA AGUILAR REYES ORACIO NAVARRO CHAVEZ Torres-Martínez D.Y. et al.	PHYSICA B-CONDENSED MATTER	2020
11	Effects of disorder on the transport and thermoelectric properties of silicene superlattices	ORACIO NAVARRO CHAVEZ Oubram O. Guzmán E.J. et al.	PHYSICA E-LOW-DIMENSI ONAL SYSTEMS & NANOSTRUCTUR ES	2020
12	Microstructure and Microhardness of the Al-10Mg Alloy Processed by the Mechanical Alloying Technique	ORACIO NAVARRO CHAVEZ J. J. Sanchez-Cuevas J. Zarate-Medina et al.	SCIENCE OF SINTERING	2020
13	Demise of half-metallicity upon increasing of disorder in the double perovskite $\text{Sr}_{2-y}\text{La}_y\text{FeMoO}_6$	ORACIO NAVARRO CHAVEZ Reyes A.M. Montoya J.A.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2020
14	Effects of neodymium doping on the structural and magnetic properties of the double perovskite $\text{Sr}_{2-y}\text{Nd}_y\text{Fe}_{1+x}\text{Mo}_{1-x}\text{O}_6$ compound	JOAQUIN DE LA TORRE MEDINA ORACIO NAVARRO CHAVEZ Y. Ruiz et al.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2019
15	Curie temperature enhancement in the double perovskite $\text{Sr}_{2-x}\text{La}_x\text{FeMoO}_6$ system: An experimental study	BERTHA OLIVA AGUILAR REYES JOAQUIN DE LA TORRE MEDINA ORACIO NAVARRO CHAVEZ et al.	PHYSICA B-CONDENSED MATTER	2019
16	Controlling the optical absorption properties of d-FETs by means of contact voltage and hydrostatic pressure effects	ORACIO NAVARRO CHAVEZ Oubram O. Rodríguez-Vargas I. et al.	SUPERLATTICES AND MICROSTRUCTU RES	2019
17	Ferromagnetic resonance study of the non-stoichiometric double perovskite $\text{Sr}_2\text{Fe}_{1+x}\text{Mo}_{1-x}\text{O}_6$	JOAQUIN DE LA TORRE MEDINA ORACIO NAVARRO CHAVEZ Piraux L. et al.	AIP Conference Proceedings	2018

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18	Giant oscillating magnetoresistance in silicene-based structures	Oubram O. ORACIO NAVARRO CHAVEZ Rodríguez-Vargas I. et al.	AIP Conference Proceedings	2018
19	Asymmetrical external effects on transmission, conductance and giant tunneling magnetoresistance in silicene	Oubram O. ORACIO NAVARRO CHAVEZ Guzmán E.J. et al.	SUPERLATTICES AND MICROSTRUCTURES	2018
20	Increase of Curie temperature with La doping in the double perovskite $\text{Sr}_{2-y}\text{La}_y\text{FeMoO}_6$ within an electronic correlation approach	FRANCISCO ESTRADA PORRUA BERTHA OLIVA AGUILAR REYES ORACIO NAVARRO CHAVEZ et al.	REVISTA MEXICANA DE FISICA	2018
21	Curie temperature behavior in half-metallic ferromagnetic double perovskites within the electronic correlation picture	FRANCISCO ESTRADA PORRUA ORACIO NAVARRO CHAVEZ E. J. Guzman et al.	PHYSICAL REVIEW B	2018
22	Electronic correlation effects on the Curie temperature in double perovskites	ORACIO NAVARRO CHAVEZ F. Estrada E. J. Guzman et al.	INTERNATIONAL CONFERENCES & EXHIBITION ON NANOTECHNOLOGIES, ORGANIC ELECTRONICS & NANOMEDICINE, NANOTECHNOLOGY 2020, PT 1	2018
23	Transport properties and thermoelectric effects in gated silicene superlattices	ORACIO NAVARRO CHAVEZ Guzmán E.J. Oubram O. et al.	JOURNAL OF APPLIED PHYSICS	2018
24	Effect of Cationic Disorder on the Magnetic Moment of $\text{Sr}_2\text{FeMoO}_6$: Ab Initio Calculations	ORACIO NAVARRO CHAVEZ Reyes, A. M. Arredondo, Y.	JOURNAL OF PHYSICAL CHEMISTRY C	2016
25	Effect of the transition metal ratio on bulk and thin slab double perovskite $\text{Sr}_2\text{FeMoO}_6$	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Pilo, J. et al.	MICROELECTRONIC ENGINEERING	2016
26	FEA evaluation of the Al_4C_3 formation effect on the Young's modulus of carbon nanotube reinforced aluminum matrix composites	ISMELI ALFONSO LOPEZ ORACIO NAVARRO CHAVEZ JOEL VARGAS ORTEGA et al.	COMPOSITE STRUCTURES	2015
27	Electronic Properties and Magnetic Moment Distribution on Perovskite Type Slabs: $\text{Sr}_2\text{FeMoO}_6$, SrFeO_3 and SrMoO_3	ELIEL CARVAJAL QUIROZ ORACIO NAVARRO CHAVEZ Pilo J. et al.	Physics Procedia	2015

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28	Synthesis of the off-stoichiometric oxide system $\text{Sr}_2\text{Fe}_{1+x}\text{Mo}_{1-x}\text{O}_6$ with $-1 = x = 0.25$	T. E. Soto JORGE ALFONSO VALENZUELA VALLEJO RICARDO POSADAS MONDRAGON et al.	PHYSICA B-CONDENSED MATTER	2014
29	Reaction kinetics of the double perovskite $\text{Sr}_2\text{FeMoO}_6$ by gas-solid reactions	J. L. Valenzuela T. E. Soto ORACIO NAVARRO CHAVEZ et al.	PHYSICA B-CONDENSED MATTER	2014
30	Interactions among magnetic moments in the double perovskites $\text{Sr}_2\text{Fe}_{1+x}\text{Mo}_{1-x}\text{O}_6$	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Pilo, J. et al.	PHYSICA B-CONDENSED MATTER	2014
31	Theoretical calculations of valence states in Fe-Mo compounds	ORACIO NAVARRO CHAVEZ Estrada F. Noverola H. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2014
32	On the bonding nature of electron states for the Fe-Mo double perovskite	RAUL OVIEDO ROA ORACIO NAVARRO CHAVEZ Carvajal E. et al.	AIP Conference Proceedings	2014
33	Study of spin-polaron formation in 1D systems	YESENIA ARREDONDO LEON ORACIO NAVARRO CHAVEZ Vallejo E.	AIP Conference Proceedings	2014
34	Synthesis of the off-stoichiometric oxide system $\text{Sr}_2\text{Fe}_{1+x}\text{Mo}_{1-x}\text{O}_6$ with $-1 = x = 0.25$	JORGE ALFONSO VALENZUELA VALLEJO ORACIO NAVARRO CHAVEZ Soto T.E. et al.	PHYSICA B-CONDENSED MATTER	2014
35	Analysis of spin-polaron formation in hund lattices	YESENIA ARREDONDO LEON ORACIO NAVARRO CHAVEZ Vallejo, Emmanuel et al.	JOURNAL OF THE KOREAN PHYSICAL SOCIETY	2013
36	SPIN-POLARONS IN AN EXCHANGE MODEL	ORACIO NAVARRO CHAVEZ Vallejo, E. Avignon, M.	INTERNATIONAL JOURNAL OF MODERN PHYSICS B	2012
37	The hydrostatic pressure effects on intersubband optical absorption of n-type delta-doped quantum well in GaAs	O. Oubram ORACIO NAVARRO CHAVEZ Gaggero-Sager, L. M. et al.	SOLID STATE SCIENCES	2012
38	Formation of spin-polarons in the ferromagnetic Kondo lattice model away from half-filling	YESENIA ARREDONDO LEON ORACIO NAVARRO CHAVEZ Vallejo, E. et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	2012
39	FeMo double perovskite: From small clusters to bulk material	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Oviedo-Roa, R. et al.	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	2012

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40	First-Principles Study of Fe-Mo Double Perovskites	ORACIO NAVARRO CHAVEZ Carvajal, E. Oviedo-Roa, R. et al.	REVISTA MEXICANA DE FISICA	2012
41	Synthesis of polycrystalline Sr 2Fe 1+XMo 1-XO 6 samples produced by solid-state reaction	ORACIO NAVARRO CHAVEZ Mondragón R. Morales R. et al.	Ceramic Transactions	2012
42	TRANSPORT AND ELECTRONIC PROPERTIES OF THE GaAs ALD-FET	O. Oubram ORACIO NAVARRO CHAVEZ Gaggero-Sager, L. M. et al.	PROG ELECTROMAGNETICS	2011
43	Magnetic properties of the ordered and disordered double perovskite Sr2Fe1+xMo1-xO6 (-1 <= x <= 1/3)	F. Estrada ORACIO NAVARRO CHAVEZ Suarez, J. R. et al.	EUROPEAN PHYSICAL JOURNAL B	2011
44	Magneto-elastic phase transition in a linear chain within the double and super-exchange model	J. R. Suarez ERNESTO VALLEJO RUIZ ORACIO NAVARRO CHAVEZ et al.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2010
45	Double and super-exchange model in one-dimensional systems	ERNESTO VALLEJO RUIZ ORACIO NAVARRO CHAVEZ Avignon, M.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2010
46	Magnetic transition in double perovskite systems	ORACIO NAVARRO CHAVEZ BERTHA OLIVA AGUILAR REYES Avignon, M.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2010
47	Electron pairing in one-dimensional quasicrystals	YESENIA ARREDONDO LEON ORACIO NAVARRO CHAVEZ	SOLID STATE COMMUNICATIONS	2010
48	Magneto-elastic phase transitions in one-dimensional systems	J. R. Suarez ERNESTO VALLEJO RUIZ ORACIO NAVARRO CHAVEZ et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	2009
49	Magnetic polaron structures in the one-dimensional double and super-exchange model	ERNESTO VALLEJO RUIZ ORACIO NAVARRO CHAVEZ Lopez-Urias, F et al.	SOLID STATE COMMUNICATIONS	2009
50	Effect of cationic disorder on the spin polarization in FeMo double perovskites	ORACIO NAVARRO CHAVEZ BERTHA OLIVA AGUILAR REYES Avignon, M.	EPL	2009
51	Magnetic stripes in the UCoGe superconductor	PABLO DE LA MORA Y PALOMAR ASKINASY ORACIO NAVARRO CHAVEZ	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2009
52	Monte Carlo study of the double and super-exchange model with lattice distortion	ORACIO NAVARRO CHAVEZ Suárez J.R. Vallejo E. et al.	4TH EUROPEAN SYMPOSIUM ON FIRE SAFETY SCIENCE	2009

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53	Ferromagnetic polarons in the one-dimensional double and super-exchange model	ERNESTO VALLEJO RUIZ ORACIO NAVARRO CHAVEZ Lopez-Urias, F. et al.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2008
54	Spin polarization in ordered and disordered double-perovskites	ORACIO NAVARRO CHAVEZ BERTHA OLIVA AGUILAR REYES Avignon, M.	MICROELECTRO N J	2008
55	Electronic structure of the ferromagnetic superconductor UCoGe from first principles	PABLO DE LA MORA Y PALOMAR ASKINASY ORACIO NAVARRO CHAVEZ	JOURNAL OF PHYSICS-CONDENSED MATTER	2008
56	Effect of Mo/W disorder on the Curie temperature of Sr ₂ FeMo xW _{1-x} O ₆ double perovskite	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Aguilar B. et al.	REVISTA MEXICANA DE FISICA	2007
57	Wave function behavior in a Fibonacci lattice with electronic correlation	ORACIO NAVARRO CHAVEZ Molina S. Suárez J.R. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2007
58	Theoretical study of the double perovskite Sr ₂ FeMO ₆ (M = Mo, W)	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Aguilar B. et al.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2007
59	Ferromagnetic-antiferromagnetic transition in double perovskites	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Aguilar B. et al.	PHYSICA B-CONDENSED MATTER	2006
60	Spin-density-wave ordering in chromium-based layered structures with the insertion of nonmagnetic monatomic layers	ORACIO NAVARRO CHAVEZ Men'shov V.N. Tugushev V.V.	PHYSICAL REVIEW B	2005
61	The mechanism of interlayer exchange coupling in silicon/iron layered structures	ORACIO NAVARRO CHAVEZ Tugushev V. Kulatov E.	MICROELECTRO N J	2005
62	Spin ordering in chromium layered structures with inserted nonmagnetic monolayers	ORACIO NAVARRO CHAVEZ Men'shov V. Tugushev V.	MICROELECTRO N J	2005
63	Exact commutation relations for the Cooper pair operators and the problem of two interacting Cooper's pairs	ILYA KAPLAN SAVITSKY ORACIO NAVARRO CHAVEZ Sánchez J.A.	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	2005
64	Statistical properties of the Cooper pair operators	ILYA KAPLAN SAVITSKY ORACIO NAVARRO CHAVEZ JAVIER AUDRY SANCHEZ	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2005
65	Few particles correlation in a one-dimensional quasiperiodic lattice	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Suárez J.R. et al.	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2005

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66	Electronic properties of double perovskite compounds	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Allub R. et al.	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2005
67	Ferromagnetic transition in ordered double perovskites and related alloys	ORACIO NAVARRO CHAVEZ ELIEL CARVAJAL QUIROZ Allub R. et al.	EUROPEAN PHYSICAL JOURNAL B	2005
68	Electronic and magnetic properties of the double perovskite Sr 2FeMoxW1-xO6	ELIEL CARVAJAL QUIROZ ORACIO NAVARRO CHAVEZ Allub R. et al.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2004
69	Hubbard model in one dimension with a general bond-charge interaction: Analytical ground-state solution for the pairing of two particles	ORACIO NAVARRO CHAVEZ Vallejo E.	PHYSICAL REVIEW B	2003
70	Analytical solution for pairing of two-particles in a quasiperiodic lattice within the Hubbard model	ORACIO NAVARRO CHAVEZ Vallejo E.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2003
71	Effect of disorder on the electronic structure of the double perovskite Sr2FeMoO6	ORACIO NAVARRO CHAVEZ Allub R. Avignon M. et al.	PHYSICA B-CONDENSED MATTER	2002
72	Exact results for three electrons in a linear chain within the Hubbard model	ORACIO NAVARRO CHAVEZ Mayoral M. Espinosa J.E. et al.	PHYSICA B-CONDENSED MATTER	2002
73	The generalized Hubbard model: A solution for the binding of three particles in a linear chain	ORACIO NAVARRO CHAVEZ Espinosa J.E. Suárez J.R. et al.	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	2001
74	Pairing of three holes in a one-dimensional lattice within the generalized Hubbard model	ORACIO NAVARRO CHAVEZ Espinosa J.E.	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	2000
75	Statistics of hole pairs in a crystal lattice	ORACIO NAVARRO CHAVEZ ILYA KAPLAN SAVITSKY	PHYSICA B-CONDENSED MATTER	2000
76	Theoretical study of hole-pair system in a periodical lattice	ORACIO NAVARRO CHAVEZ ILYA KAPLAN SAVITSKY	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2000
77	Statistics and properties of coupled hole pairs in superconducting ceramics	ILYA KAPLAN SAVITSKY ORACIO NAVARRO CHAVEZ	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	2000

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78	Non perturbative calculations for three particles in a linear chain within the generalized Hubbard model	ORACIO NAVARRO CHAVEZ Espinosa J.E. Avignon M.	EUROPEAN PHYSICAL JOURNAL B	2000
79	Solid solutions formation in Sr-K-Ca-Na-Cu-O system	ELIZABETH CHAVIRA MARTINEZ ORACIO NAVARRO CHAVEZ AURELIA MARIA LETICIA BAÑOS LOPEZ et al.	PHYSICA B-CONDENSED MATTER	2000
80	Few correlated particles in the Hubbard model	ORACIO NAVARRO CHAVEZ Espinosa J.E. Avignon M.	PHYSICA B-CONDENSED MATTER	1999
81	Charge transfer and the statistics of holons in a periodical lattice	ILYA KAPLAN SAVITSKY ORACIO NAVARRO CHAVEZ	JOURNAL OF PHYSICS-CONDENSED MATTER	1999
82	Pairing Phase Diagram of Three Holes in the Generalized Hubbard Model	ORACIO NAVARRO CHAVEZ Espinosa J.E.	JOURNAL OF LOW TEMPERATURE PHYSICS	1999
83	Solid solution formation in the new cuprate system (Sr, K) _{1-x} (Ca, Na) _x CuO _{2±z} (0=x=0.5)	ELIZABETH CHAVIRA MARTINEZ ORACIO NAVARRO CHAVEZ AURELIA MARIA LETICIA BAÑOS LOPEZ et al.	SOLID STATE COMMUNICATIONS	1999
84	Three-body correlation in the diluted generalized Hubbard model	ORACIO NAVARRO CHAVEZ Avignon M.	Materials Research Society Symposium Proceedings	1998
85	Electronic correlation in the generalized Hubbard model: The diluted case	ORACIO NAVARRO CHAVEZ Espinosa J.E.	REVISTA MEXICANA DE FISICA	1998
86	Synthesis of GaSr ₂ Can-1CunO _{2n+3} (n = 2-5) prepared by solid-state reaction method	ELIZABETH CHAVIRA MARTINEZ AURELIA MARIA LETICIA BAÑOS LOPEZ ORACIO NAVARRO CHAVEZ et al.	Materials Research Society Symposium Proceedings	1997
87	Analysis of the electron-phonon coupling in the superconductor Ba _{0.7} K _{0.3} BiO ₃	ORACIO NAVARRO CHAVEZ ELIZABETH CHAVIRA MARTINEZ	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1997
88	Hole pairing symmetry in attractive Hubbard model	CHUMIN WANG CHEN ORACIO NAVARRO CHAVEZ RAUL OVIEDO ROA et al.	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1997

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89	Synthesis of the (Ga, Al)Sr ₂ Can-1CunO _{2n+3} , (n = 2 - 5) systems at ambient pressure	ELIZABETH CHAVIRA MARTINEZ AURELIA MARIA LETICIA BAÑOS LOPEZ ORACIO NAVARRO CHAVEZ et al.	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1997
90	Thermodynamic and other properties of the superconductors BaPb _{0.7} Bi _{0.3} O ₃ and Ba _{0.7} K _{0.3} BiO ₃	ORACIO NAVARRO CHAVEZ	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1996
91	Effects of disorder on the electron pairing	RAUL OVIEDO ROA CHUMIN WANG CHEN ORACIO NAVARRO CHAVEZ	JOURNAL OF LOW TEMPERATURE PHYSICS	1996
92	Thermodynamic properties of the superconductors BaPb _{0.7} Bi _{0.3} O ₃ and Ba _{0.7} K _{0.3} BiO ₃ using Eliashberg theory	ORACIO NAVARRO CHAVEZ	JOURNAL OF LOW TEMPERATURE PHYSICS	1996
93	Nonperturbative results for attractive Hubbard pairings in triangular lattices	LUIS ANTONIO PEREZ LOPEZ ORACIO NAVARRO CHAVEZ CHUMIN WANG CHEN	PHYSICAL REVIEW B	1996
94	Non-perturbative ground-state of a generalized Hubbard model	ORACIO NAVARRO CHAVEZ	CZECH J PHYS	1996
95	Two-and three-body correlation in dilute Hubbard systems	CHUMIN WANG CHEN ORACIO NAVARRO CHAVEZ RAUL OVIEDO ROA et al.	PHYSICA B-CONDENSED MATTER	1994
96	Attractive Hubbard pairing in a triangular lattice	ORACIO NAVARRO CHAVEZ Pérez L.A. Wang C.	PHYSICA C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1994
97	Exact approach to the diluted Hubbard model	ORACIO NAVARRO CHAVEZ RAUL OVIEDO ROA Wang Chumin	Materials Research Society Symposium Proceedings	1993
98	Electronic correlation in two-dimensional systems	ORACIO NAVARRO CHAVEZ CHUMIN WANG CHEN	SURFACE SCIENCE	1993
99	Wave behavior in anharmonic Penrose lattices	CHUMIN WANG CHEN ORACIO NAVARRO CHAVEZ RAFAEL ANGEL BARRIO PAREDES et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	1993
100	Real-space electron pairing in two-dimensional systems	CHUMIN WANG CHEN ORACIO NAVARRO CHAVEZ	JOURNAL OF PHYSICS-CONDENSED MATTER	1993



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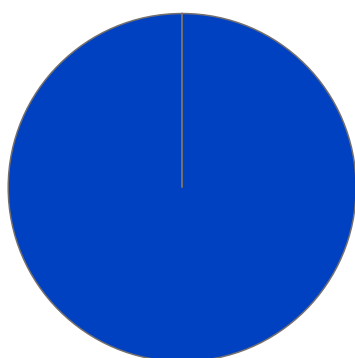
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101	An exact method to solve the diluted extended Hubbard model	ORACIO NAVARRO CHAVEZ CHUMIN WANG CHEN	SOLID STATE COMMUNICATIONS	1992
102	Thermodynamic analysis of BaxK1 - xBiO3 using the Eliashberg theory	ORACIO NAVARRO CHAVEZ ROBERTO ESCUDERO DERAT	PHYSICAL C-SUPERCONDUCTIVITY AND ITS APPLICATIONS	1990

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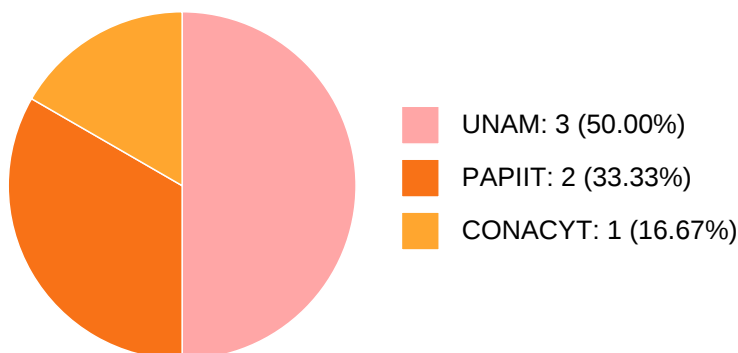
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#	Título	Autores	Alcance	Año	ISBN
1	Ingeniería orientada al equilibrio global	RUFINO NAVA MENDOZA ORACIO NAVARRO CHAVEZ BERTHA OLIVA AGUILAR REYES	Libro Completo	2019	9786075134567
2	Ciencia e Ingeniería: desafíos del desarrollo sostenible	RUFINO NAVA MENDOZA ORACIO NAVARRO CHAVEZ BERTHA OLIVA AGUILAR REYES	Libro Completo	2019	9786075134574

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PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

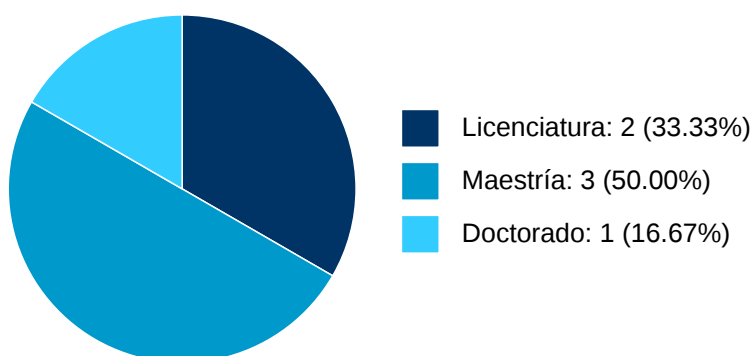


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Propiedades magnéticas y correlación electrónica en sistemas medio metálicos con estructura de doble perovskita.	ORACIO NAVARRO CHAVEZ	Recursos CONACYT	30-08-2016	30-08-2019
2	Sistemas fuertemente correlacionados y Espintrónica.	ORACIO NAVARRO CHAVEZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2018	31-12-2021
3	Estudio de compuestos medio metálicos y sistemas de baja dimensión.	ORACIO NAVARRO CHAVEZ	Recursos PAPIIT	01-01-2016	31-12-2021
4	Sistemas fuertemente correlacionados y Espintrónica, 2023.	ORACIO NAVARRO CHAVEZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2022	31-12-2023
5	Estudio teórico-experimental de compuestos medio-metálicos para espintrónica	ORACIO NAVARRO CHAVEZ	Recursos PAPIIT	01-01-2023	31-12-2025
6	Sistemas fuertemente correlacionados y Espintrónica, 2023.	ORACIO NAVARRO CHAVEZ	Presupuesto de la UNAM asignado a la Dependencia	01-01-2024	31-12-2025

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis

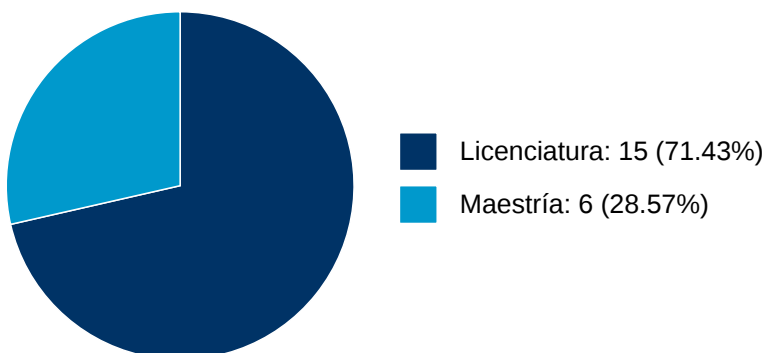


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Estructura electrónica en sistemas cuasiperiódicos	Tesis de Maestría	ORACIO NAVARRO CHAVEZ,	Huipé Domratchev a, Ernesto,	Instituto de Investigaciones en Materiales,	2022
2	Estudio de la función de onda en sistemas cuasiperiódicos	Tesis de Licenciatura	ORACIO NAVARRO CHAVEZ,	Huipé Domratchev a, Ernesto,	Instituto de Investigaciones en Materiales,	2020
3	Propiedades electrónicas del sistema medio metálico $\text{Sr}_2\text{Fe}_{1+x}\text{Mn}_{1-x}\text{O}_6$	Tesis de Maestría	ORACIO NAVARRO CHAVEZ,	Noverola Gamas, Humberto,	Instituto de Investigaciones en Materiales,	2011
4	Acoplamiento y estructura magnética dentro del modelo de doble y súper intercambio	Tesis de Doctorado	ORACIO NAVARRO CHAVEZ,	Suárez López, Jaime Raúl,	Instituto de Investigaciones en Materiales,	2010
5	Solucion en forma exacta del problema de tres partículas dentro del Hamiltoniano de Hubbard Generalizado	Tesis de Maestría	ORACIO NAVARRO CHAVEZ,	Mayoral Villa, Margarita,		2002
6	Apareamiento electrónico en redes triangulares	Tesis de Licenciatura	ORACIO NAVARRO CHAVEZ,	Pérez López, Luis Antonio,		1995

ORACIO NAVARRO CHAVEZ

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	FISICOQUIMICA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	11	2024-2
2	Maestría	TERMODINÁMICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	1	2024-1
3	Licenciatura	FISICOQUIMICA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	7	2023-2
4	Licenciatura	FISICOQUIMICA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	11	2022-2
5	Maestría	TERMODINÁMICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	1	2022-2
6	Maestría	SUPERCONDUCTIVIDAD (MATERIA CONDENSADA Y NANOCIENCIAS)	Instituto de Investigaciones en Materiales	7	2022-2
7	Maestría	TERMODINÁMICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	1	2021-1

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8	Licenciatura	ESTADO SOLIDO	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	21	2021-1
9	Licenciatura	SUPERCONDUCTIVIDAD	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	5	2019-1
10	Licenciatura	SUPERCONDUCTIVIDAD	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	1	2019-1
11	Licenciatura	FISICOQUIMICA	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	16	2018-2
12	Licenciatura	ESTADO SOLIDO	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	7	2018-1
13	Licenciatura	ESTADO SOLIDO	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	2	2018-1
14	Licenciatura	SUPERCONDUCTIVIDAD	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	7	2017-2
15	Licenciatura	SUPERCONDUCTIVIDAD	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	1	2017-2
16	Licenciatura	ESTADO SOLIDO	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	5	2017-1
17	Licenciatura	ESTADO SOLIDO	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	3	2017-1
18	Licenciatura	ESTADO SOLIDO	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	2	2017-1
19	Maestría	TERMODINAMICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	4	2016-2
20	Licenciatura	CIENCIA DE MATERIALES II-334955	Escuela Nacional de Estudios Superiores, Unidad Morelia, Michoacán	13	2016-2
21	Maestría	TERMODINAMICA DE LOS MATERIALES	Instituto de Investigaciones en Materiales	2	2016-1



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



ORACIO NAVARRO CHAVEZ

PATENTES

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

ORACIO NAVARRO CHAVEZ

ORACIO NAVARRO CHAVEZ

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