



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



**VALERI ORLOV**

## Datos Generales

**Nombre:** VALERI ORLOV

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 28 años

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## Nombramientos

**Vigente:** INVESTIGADOR TITULAR B TC Definitivo  
Instituto de Astronomía  
Desde 01-08-2015

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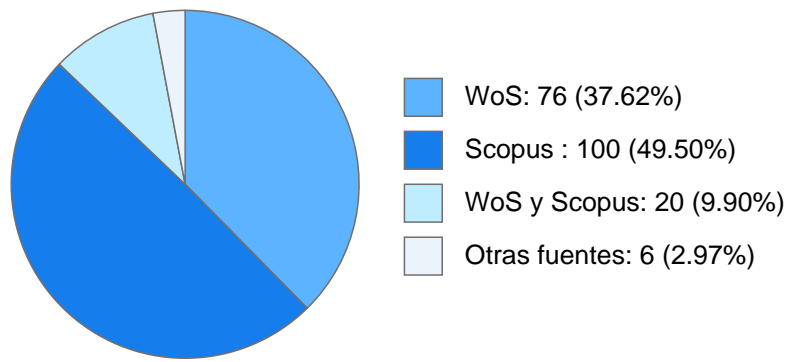
## Estímulos, programas, premios y reconocimientos

SNI II 2020 - VIGENTE  
SNI I - 2019  
PRIDE C 2013 - VIGENTE  
PRIDE B 2012 - 2013  
PRIDE Fijo 2012  
PRIDE B 2012  
PRIDE Fijo 2010 - 2012  
PRIDE C - 2010

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## DOCUMENTOS EN REVISTAS

### Histórico de Documentos



#	Título	Autores	Revista	Año
1	The TESS Grand Unified Hot Jupiter Survey. II. Twenty New Giant Planets	VALERI ORLOV Yee S.W. Winn J.N. et al.	ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES	2023
2	Solar patrol observatory at the Silesian University of Technology	VALERI ORLOV Popowicz A. Swoboda F. et al.	JOURNAL OF ASTRONOMICAL TELESCOPES INSTRUMENTS AND SYSTEMS	2023
3	SUTO-Solar Through-Turbulence Open Image Dataset	VALERI ORLOV Popowicz A.	SENSORS	2022
4	Speckle interferometry at the observatorio astronómico nacional. VII	VALERI ORLOV	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2021
5	Observational equipment for asteroseismology at the Observatorio Astronomico Nacional San Pedro Martir: white dwarfs	FERNANDO ANGELES URIBE VALERI ORLOV	JOURNAL OF ASTRONOMICAL TELESCOPES INSTRUMENTS AND SYSTEMS	2021

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6	Speckle Holography of Visual Double Stars at the 2.1 m Telescope of OAN-SPM: First Results	ALONSO LUNA RUIZ FERNANDEZ VALERI ORLOV	ASTRONOMICAL JOURNAL	2020
7	A NEW METHOD FOR ACTIVELY TUNING FBG'S TO PARTICULAR INFRARED WAVELENGTHS FOR OH EMISSION LINES SUPPRESSION	VALERI ORLOV R. Benitez-Alvarez F. Martinez-Pinon	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2019
8	Bismuth and antimony chalcogenides: Peculiarities of electron density distribution, unusual magnetic properties and superconductivity	VALERI ORLOV Sergeev G.S. Kravchenko E.A.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2019
9	Peculiarities of electron density distribution in bismuth chalcogenides, iron pnictides, cuprates and related unconventional superconductors	VALERI ORLOV Sergeev G.S.	PHYSICA B-CONDENSED MATTER	2018
10	Speckle interferometry at the OAN-SPM México: Astrometry of double stars measured in 2011	VALERI ORLOV C. A. Guerrero M. Borges Fernandes et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018
11	Fast photometry of stars	FERNANDO ANGELES URIBE VALERI ORLOV Popowicz A.	Proceedings of SPIE	2018
12	On the efficiency of techniques for the reduction of impulsive noise in astronomical images	VALERI ORLOV Popowicz, A. Kurek, A. R. et al.	MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY	2018
13	Karhunen-Loeve functions for non-Kolmogorov turbulence	VALERI ORLOV VALERY VOYTSEKHOVICH	JOURNAL OF TURBULENCE	2017
14	On the nature of chemical bonding in phase change materials on the base of (GeTe) <sub>m</sub> -(Sb <sub>2</sub> Te <sub>3</sub> ) <sub>n</sub> alloys	VALERI ORLOV Sergeev, G.S.	SOLID STATE COMMUNICATIONS	2017
15	ON THE FEASIBILITY OF PHOTON-LIMITED TIP-TILT CORRECTION IN VERY SMALL TELESCOPES	VALERI ORLOV Popowicz, A.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2017
16	Review of Image Quality Measures for Solar Imaging	VALERI ORLOV Adam Popowicz Krystian Radlak et al.	SOLAR PHYSICS	2017
17	Features of the electron density distribution in antimony telluride Sb <sub>2</sub> Te <sub>3</sub>	VALERI ORLOV Sergeev G.S.	PHYS SOLID STATE+	2017
18	Temporal properties of Zernike modes for non-Kolmogorov turbulence	VALERI ORLOV Voitsekhovich, V. V.	OPTICS EXPRESS	2016

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19	SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONOMIC NACIONAL. VI	VALERI ORLOV VALERY VOYTSEKHOVICH	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2015
20	STELLAR MULTIPLICITY of the OPEN CLUSTER MELOTTE 111	VALERI ORLOV MIGUEL ANGEL MONROY RODRIGUEZ Guerrero, C. A. et al.	ASTRONOMICAL JOURNAL	2015
21	An investigation of the potential efficiency of shift-and-add real-time correction	VALERY VOYTSEKHOVICH VALERI ORLOV	PUBLICATIONS OF THE ASTRONOMICAL SOCIETY OF THE PACIFIC	2015
22	SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONOMIC NACIONAL. VI. (vol 51, pg 65, 2015)	VALERI ORLOV V. V. Voitsekhovich	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2015
23	Search for signatures of reflected light from the exoplanet HD 189733b by the method of residual dynamical spectra	GENNADY VALYAVIN VALERI ORLOV Grauzhanina, A. O. et al.	ASTROPHYSICAL BULLETIN	2015
24	Electronic structure of oxygen-containing bismuth compounds	VALERI ORLOV Kravchenko E.A. Kuznetsov N.T. et al.	RUSSIAN JOURNAL OF INORGANIC CHEMISTRY	2015
25	Erratum: Speckle interferometry at the observatorio astronómico nacional. VI (RMxAA (2015) 51 (65))	VALERI ORLOV VALERY VOYTSEKHOVICH	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2015
26	STELLAR MULTIPLICITY OF THE OPEN CLUSTER ASCC 113	VALERI ORLOV C. A. Guerrero	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2015
27	SPECKLE INTERFEROMETRY OF THE SOLAR NEIGHBORHOOD	VALERI ORLOV	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2015
28	Speckle interferometry at the observatorio astronómico nacional. VI	VALERI ORLOV VALERY VOYTSEKHOVICH	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2015

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29	Investigation of the 0.84-M telescope guiding at the OAN-SPM	VALERI ORLOV DAVID SALOME HIRIART GARCIA VALERY VOYTSEKHOVICH	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2014
30	Temporal properties of the brightest speckle	VALERI ORLOV Voitsekhovich V.V.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2014
31	Speckle interferometry at the observatorio Astronómico Nacional. V	VALERI ORLOV Guerrero C.A. Voitsekhovich V.V.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2014
32	Speckle interferometry of binary and multiple systems in open clusters	VALERI ORLOV Guerrero C.A.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2014
33	Stellar multiplicity of the open cluster ascc 113	C. A. Guerrero VALERI ORLOV M. A. Monroy Rodriguez et al.	ASTRONOMICAL JOURNAL	2014
34	SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONOMIC NACIONAL. V	VALERI ORLOV C. A. Guerrero VALERY VOYTSEKHOVICH	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2014
35	The key role of charge carriers scattering on polar optical phonons in semiconductors for thermoelectric energy conversion	VALERI ORLOV Sergeev G.S.	SOLID STATE COMMUNICATIONS	2013
36	Numerical simulation of the transport properties of indium antimonide	VALERI ORLOV Sergeev G.S.	PHYS SOLID STATE+	2013
37	SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONOMIC NACIONAL. IV	VALERI ORLOV VALERY VOYTSEKHOVICH C. A. Guerrero	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2012
38	Speckle interferometry at the observatorio astronómico Nacional. iv	VALERI ORLOV VALERY VOYTSEKHOVICH CARLOS ALBERTO GUERRERO PEÑA	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2012
39	Speckle interferometry at the observatorio astron omico nacional. III	VALERI ORLOV VALERY VOYTSEKHOVICH FERNANDO ANGELES URIBE et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2011

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40	SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONOMIC NACIONAL. III	VALERI ORLOV VALERY VOYTSEKHOVICH C. A. Guerrero et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2011
41	SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONOMIC NACIONAL. II	VALERI ORLOV VALERY VOYTSEKHOVICH J. L. Rivera et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2010
42	Speckle interferometry at the observatorio astronomico nacional. II	VALERI ORLOV VALERY VOYTSEKHOVICH Rivera J.L. et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2010
43	Anomalous magnetism and <sup>209</sup> Bi nuclear spin relaxation in Bi <sub>4</sub> Ge <sub>3</sub> O <sub>12</sub> crystals	VALERI ORLOV Kravchenko E.A. Asaji T. et al.	HYPERFINE INTERACTIONS	2010
44	Nuclear quadrupole spin-lattice relaxation in Bi <sub>4</sub> Ge <sub>3</sub> O <sub>12</sub> single crystals doped with atoms of d or f elements. Crystal field effects in compounds exhibiting anomalous magnetic properties	VALERI ORLOV Sergeev G.S. Asaji T. et al.	J EXP THEOR PHYS+	2010
45	SPECKLE INTERFEROMETRY AT THE OBSERVATORIO ASTRONOMIC NACIONAL. I	VALERI ORLOV V. V. Voitsekhovich G. A. Mendoza Valencia et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA	2009
46	<sup>209</sup> Bi NQR studies of low-temperature spin-lattice relaxation in Bi <sub>4</sub> Ge <sub>3</sub> O <sub>12</sub> single crystal	VALERI ORLOV Kravchenko E.A. Asaji T. et al.	SOLID STATE COMMUNICATIONS	2008
47	Surface layer seeing at San Pedro Mártir revisited	LEONARDO JAVIER SANCHEZ PENICHE REMY FERNAND AVILA FOUCAT IRENE ANTONIA CRUZ GONZALEZ ESPINOSA et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2007
48	Zero-field splittings of NQR spectra for bismuth(III) oxy compounds revealed by quadrupole spin echo envelopes	VALERI ORLOV Kravchenko E.A. Morgunov V.G. et al.	HYPERFINE INTERACTIONS	2007
49	Nuclear spin echo model based on Floquet-Lyapunov theory	VALERI ORLOV Shlykov M.P.	HYPERFINE INTERACTIONS	2007

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50	Relevant optical issues of the SPM-Twin telescopes	JOSE DE JESUS GONZALEZ GONZALEZ VALERI ORLOV	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2007
51	Quadrupole spin-echo envelopes for Bi <sub>4</sub> Ge <sub>3</sub> O <sub>12</sub> single crystals doped with the atoms of transition and rare-earth elements	VALERI ORLOV Kravchenko E.A. Morgunov V.G. et al.	JETP LETTERS	2007
52	Magnetic properties of bismuth(III) oxy compounds	VALERI ORLOV Kravchenko E.A. Shlykov M.P.	RUSS CHEM REV+	2006
53	Simulating the phase fluctuations produced by many stars in the weak atmospheric turbulence limit	VALERY VOYTSEKHOVICH VALERI ORLOV Kouznetsov D.	ASTRONOMY & ASTROPHYSICS	2005
54	Local magnetic fields in some bismuth-based diamagnets. A survey of NQR data	VALERI ORLOV Kravchenko E.A. Morgunov V.G. et al.	HYPERFINE INTERACTIONS	2005
55	Magnetism-related properties of CdSb revealed by the zeeman <sup>121</sup> Sb NQR spectra	VALERI ORLOV Shlikov M.P. Kravchenko E.A. et al.	HYPERFINE INTERACTIONS	2005
56	Optimal defocus distance for testing the 2.1 m telescope at San Pedro Mártir	VALERI ORLOV ESTEBAN ANTOLIN LUNA AGUILAR Orlova E.	APPLIED OPTICS	2005
57	Low cost active optics for 2.1m at San Pedro Martir: Computer simulations	VALERI ORLOV ESTEBAN ANTOLIN LUNA AGUILAR Orlova E.	Proceedings of SPIE	2004
58	Low cost active optics for 2.1m at San Pedro Martir: Experimental results	ESTEBAN ANTOLIN LUNA AGUILAR VALERI ORLOV LUIS SALAS CASALES et al.	Proceedings of SPIE	2004
59	San Pedro Mártir: Astronomical site evaluation	IRENE ANTONIA CRUZ GONZALEZ ESPINOSA REMY FERNAND AVILA FOUCAT MAURICIO MANUEL TAPIA IBARGUENGOITIA et al.	Proceedings of SPIE	2004
60	NQR indications of unconventional magnetism in some bismuth-based diamagnets	VALERI ORLOV Kravchenko E.A. Morgunov V.G. et al.	APPLIED MAGNETIC RESONANCE	2004
61	Efficiency of low-order adaptive correction for the San Pedro Mártir observatory: Experimental results	VALERY VOYTSEKHOVICH VALERI ORLOV	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2003



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62	Separation of quadrupole and magnetic mechanisms of $^{209}\text{Bi}$ nuclear spin-lattice relaxation in $\text{Bi}_4\text{Ge}_3\text{O}_{12}$	VALERI ORLOV Morozova E.N. Gippius A.A. et al.	PHYSICA STATUS SOLIDI B-BASIC SOLID STATE PHYSICS	2003
63	Off-axis point spread function and efficiency for adaptive optics at San Pedro Mártir and other sites	VALERI ORLOV LEONARDO JAVIER SANCHEZ PENICHE REMY FERNAND AVILA FOUCAT et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2003
64	Contribution of the surface layer to the seeing at san pedro mártir: Simultaneous microthermal and dimm measurements	LEONARDO JAVIER SANCHEZ PENICHE REMY FERNAND AVILA FOUCAT FERNANDO GARFIAS MACEDO et al.	REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, SERIE DE CONFERENCIAS	2003
65	Spin-lattice relaxation in $\text{Bi}_4\text{Ge}_3\text{O}_{12}$ -quadrupole and magnetic mechanisms	VALERI ORLOV Morozova E.N. Gippius A.A. et al.	PHYSICA B-CONDENSED MATTER	2003
66	Co-phasing of segmented telescopes: A new approach to piston measurements: I. Optical concept	VALERY VOYTSEKHOVICH VALERI ORLOV Bara S.	ASTRONOMY & ASTROPHYSICS	2002
67	Magnetism of mixed bismuth-boron oxides. $^{209}\text{Bi}$ NQR of $\text{Bi}_3\text{B}_5\text{O}_{12}$ in external magnetic fields	VALERI ORLOV Kravchenko E.A.	PHYSICA B-CONDENSED MATTER	2002
68	Quadrupole and magnetic mechanisms of $^{209}\text{Bi}$ spin-lattice relaxation in $\text{Bi}_4\text{Ge}_3\text{O}_{12}$	VALERI ORLOV Gippius A.A. Khozeev D.F. et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	2002
69	Magnetoelectric effect in $\alpha\text{-Bi}_2\text{O}_3$	VALERI ORLOV Nizhankovskii V.I. Kharkovskii A.I.	Ferroelectrics	2002
70	Efficiency of the Hartmann test with different subpupil forms for the measurement of turbulence-induced phase distortions	VALERI ORLOV SALVADOR CARLOS CUEVAS CARDONA Voitsekhovich V. et al.	APPLIED OPTICS	2001
71	Local ordered magnetic fields in bismuth dielectrics. $^{209}\text{Bi}$ NQR in $\text{Bi}_4\text{Ge}_3\text{O}_{12}$ single crystal	VALERI ORLOV Kravchenko E.A. Kargin Yu.F. et al.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	2001
72	Influence of scintillations on the performance of adaptive astronomical systems with Hartmann-like wavefront sensors	VALERY VOYTSEKHOVICH VALERI ORLOV LEONARDO JAVIER SANCHEZ PENICHE	ASTRONOMY & ASTROPHYSICS	2001



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73	Structural studies of $\alpha$ -Bi <sub>2</sub> O <sub>3</sub> by neutron powder diffraction	VALERI ORLOV Ivanov S.A. Tellgren R. et al.	POWDER DIFFRACTION	2001
74	Laboratory demonstration of curvature method for segmented telescopes	FERNANDO GARFIAS MACEDO SALVADOR CARLOS CUEVAS CARDONA VALERI ORLOV et al.	Proceedings of SPIE	2000
75	Efficiency of off-axis astronomical adaptive systems: Comparison of experimental data for different astronomical sites	LEONARDO JAVIER SANCHEZ PENICHE VALERY VOYTSEKHOVICH VALERI ORLOV et al.	Proceedings of SPIE	2000
76	Co-phasing of segmented mirror telescopes with curvature sensing	VALERI ORLOV SALVADOR CARLOS CUEVAS CARDONA FERNANDO GARFIAS MACEDO et al.	Proceedings of SPIE	2000
77	Analysis of off-axis point spread function of astronomical adaptive systems for the site of San Pedro Martir	VALERI ORLOV VALERY VOYTSEKHOVICH LEONARDO JAVIER SANCHEZ PENICHE et al.	Proceedings of SPIE	2000
78	Curvature equation for a segmented telescope	SALVADOR CARLOS CUEVAS CARDONA VALERI ORLOV FERNANDO GARFIAS MACEDO et al.	Proceedings of SPIE	2000
79	New magnetic phenomena in Bi-based dielectrics	VALERI ORLOV Kravchenko E.A.	PHYSICA B-CONDENSED MATTER	1999
80	Method of random wave vectors in simulation of anisoplanatic effects	VALERY VOYTSEKHOVICH VALERI ORLOV D Kouznetsov et al.	APPLIED OPTICS	1999
81	Modal compensation and the atmospheric-turbulence outer scale: Computer simulations	VALERI ORLOV VALERY VOYTSEKHOVICH SALVADOR CARLOS CUEVAS CARDONA	APPLIED OPTICS	1998
82	<sup>209</sup> Bi NQR and magnetic properties of Bismuth oxide-based compounds	VALERI ORLOV Kravchenko E.A. Fam S.H. et al.	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	1998
83	Speckle interferometry, partial adaptive correction for big telescopes and the outer scale of turbulence	VALERI ORLOV VALERY VOYTSEKHOVICH SALVADOR CARLOS CUEVAS CARDONA	Proceedings of SPIE	1998
84	AO optical tolerancing requirements for a segmented active telescope	SALVADOR CARLOS CUEVAS CARDONA VALERI ORLOV Marchis F.	Proceedings of SPIE	1998
85	University of Mexico adaptive optics program	SALVADOR CARLOS CUEVAS CARDONA FERNANDO GARFIAS MACEDO ARTURO ISMAEL IRIARTE VALVERDE et al.	Proceedings of SPIE	1998

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86	Raman spectra and lattice dynamics of single-crystal $\alpha$ -Bi <sub>2</sub> O <sub>3</sub>	VALERI ORLOV Denisov V.N. Ivlev A.N. et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	1997
87	Anomalies in the physical properties of the $\alpha$ form of bismuth oxide	VALERI ORLOV Bush A.A. Ivanov S.A. et al.	PHYS SOLID STATE+	1997
88	Magnetic properties of the Bismuth oxide $\alpha$ -Bi <sub>2</sub> O <sub>3</sub>	VALERI ORLOV Kharkovskii A.I. Nizhankovskii V.I. et al.	ZEITSCHRIFT FUR NATURFORSCHUNG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	1996
89	Polarized infrared and neutron scattering studies of $\alpha$ -Bi <sub>2</sub> O <sub>3</sub>	VALERI ORLOV Kuzmenko A.B. Tishchenko E.A. et al.	JOURNAL OF LOW TEMPERATURE PHYSICS	1996
90	Anomalies of physical properties in $\alpha$ -Bi <sub>2</sub> O <sub>3</sub> - A phase transition governed by the electronic mechanism?	VALERI ORLOV Bush A.A. Ivanov S.A. et al.	JOURNAL OF LOW TEMPERATURE PHYSICS	1996
91	Transverse optic modes in monoclinic $\alpha$ -Bi <sub>2</sub> O <sub>3</sub>	VALERI ORLOV Kuz'menko A.B. Tishchenko E.A.	JOURNAL OF PHYSICS-CONDENSED MATTER	1996
92	Magnetic excitation spectra and thermodynamics of amorphous	VALERI ORLOV Alekseev P. Kchlopkin M. et al.	PHYSICAL REVIEW B	1996
93	Polarized infrared reflectance spectra of single crystal $\alpha$ -Bi <sub>2</sub> O <sub>3</sub>	VALERI ORLOV Kuz'menko A.B. Tishchenko E.A. et al.	CZECH J PHYS	1996
94	Polarized Raman spectra of single crystal $\alpha$ -Bi <sub>2</sub> O <sub>3</sub>	VALERI ORLOV Denisov V.N. Ivlev A.N. et al.	CZECH J PHYS	1996
95	Electrical resistivity and magnetoresistivity of Nd <sub>2-x</sub> Ce <sub>x</sub> CuO <sub>4</sub> determined by scattering of electrons on magnetic moments of Nd subsystem	VALERI ORLOV	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	1995
96	Magnetic properties of amorphous PrNi <sub>5</sub>	VALERI ORLOV Alekseev P.A. Lazukov V.N. et al.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	1995
97	Study of local magnetic fields in the oxide $\alpha$ -Bi <sub>2</sub> O <sub>3</sub> by NQR and $\mu$ SR techniques	VALERI ORLOV Duginov V.N. Grebinnik V.G. et al.	Hyperfine Interactions	1994

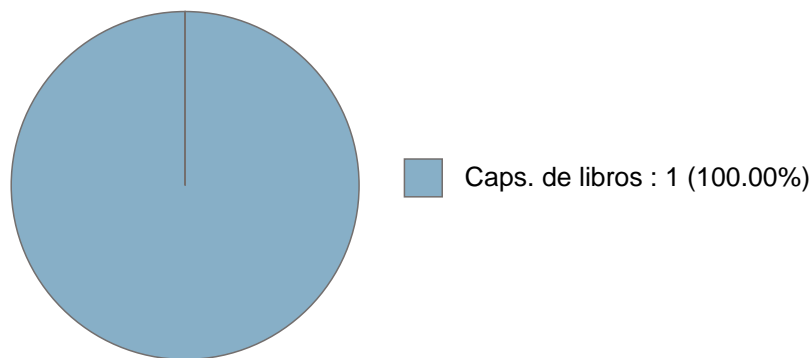
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98	Local Magnetic Fields in Some Bismuth Compounds. A Survey of Experimental Evidences	VALERI ORLOV Kravchenko E.A.	ZEITSCHRIFT FUR NATURFORSCHU NG SECTION A-A JOURNAL OF PHYSICAL SCIENCES	1994
99	Structural relaxation and amorphous-to-crystal transition: Change of local atomic topology studied by neutron inelastic magnetic scattering	VALERI ORLOV Alekseev P.A. Klementjev E.S. et al.	EPL	1992
100	Inelastic magnetic neutron scattering study of amorphous to crystal transition for PrNi5	VALERI ORLOV Alekseev P.A. Lazukov V.N. et al.	PHYSICA B-CONDENSED MATTER	1992
101	The crystalline electric field and Nd antiferromagnetism in Nd <sub>2</sub> CuO <sub>4</sub>	VALERI ORLOV	SOLID STATE COMMUNICATIO NS	1991
102	Inelastic neutron magnetic scattering from amorphous and polycrystalline PrNi5	VALERI ORLOV Alekseev P.A. Lazukov V.N. et al.	EPL	1991
103	On the theory of the thermodynamical properties and interactions of hydrogen in metals of the Nb group	VALERI ORLOV Vaks V.G.	Journal Of Physics F: Metal Physics	1988
104	Crystalline electric field effects in dilute alloys of rare earth metals	VALERI ORLOV Jensen J.	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	1988
105	Crystal field effects at ? - ? phase transition in cerium	VALERI ORLOV	SOLID STATE COMMUNICATIO NS	1988
106	Crystal potential model for the description of crystalline electric field effects in rare earth metals and intermetallics	VALERI ORLOV	JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS	1986
107	ON THE THEORY OF THE INTERACTIONS AND PHASE TRANSITIONS OF HYDROGEN IN THE TRANSITION METALS.	VALERI ORLOV Vaks V.G. Zein N.E. et al.	Journal Of The Less-Common Metals	1983
108	DETERMINATION OF DEUTERIUM LOCALIZATION IN PrNi//5D//0//. //4//4 BY CRYSTAL ELECTRIC FIELD EFFECTS.	VALERI ORLOV Alekseev P.A. Sadikov I.P. et al.	Journal Of The Less-Common Metals	1983

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**LIBROS Y CAPITULOS CON ISBN**

**Obras con registro ISBN**

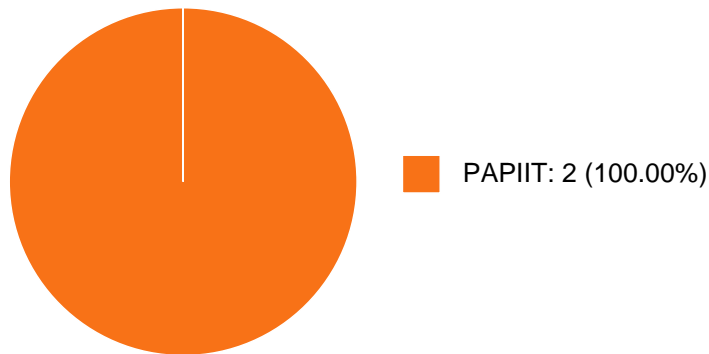


#	Título	Autores	Alcance	Año	ISBN
1	Observación del Tránsito de Venus el 5 de Junio de 2012, Observatorio de las Ánimas, Municipio de Chapa de Mota, Estado de Mexico	VALERI ORLOV OSCAR ARMANDO CHAPA HERNANDEZ	Capítulo de un Libro	2013	9786070243042

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## PARTICIPACIÓN EN PROYECTOS

### Histórico de participación en proyectos

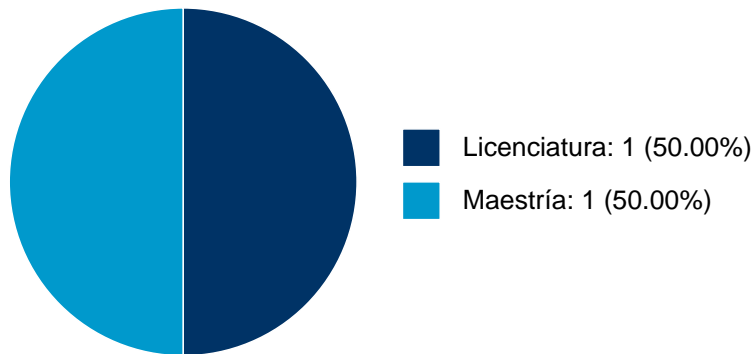


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Fotometría rápida de enanas blancas pulsantes.	VALERI ORLOV	Recursos PAPIIT	01-01-2018	31-12-2020
2	Estudios con alta resolución espacial y temporal de estrellas cercanas a 18 parsecs del vecindario solar	VALERI ORLOV	Recursos PAPIIT	01-01-2023	31-12-2025

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**PARTICIPACIÓN EN TESIS**

**Histórico de Colaboraciones en Tesis**

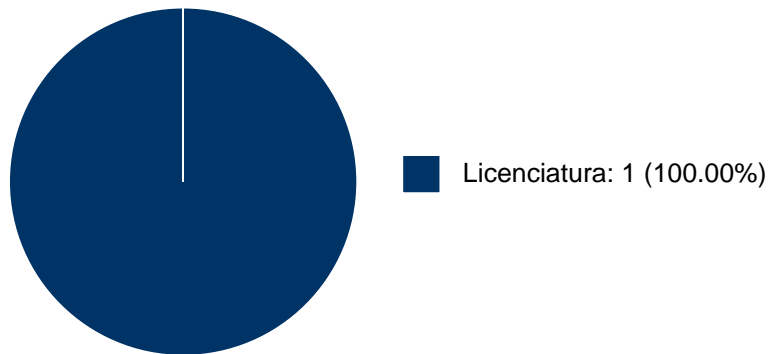


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Una perspectiva fotométrica del cúmulo globular NGC 7006 : la población de estrellas variables como indicadores astrofísicos	Tesis de Maestría	ARMANDO ARELLANO FERRO,	VALERI ORLOV, Rojas Galindo, Francy Carolina,	Instituto de Astronomía,	2021
2	Desarrollo de software para el interferómetro de motas Tohtli : captura y procesamiento de datos, reconstrucción de imágenes astronómicas con alta resolución especial	Tesis de Licenciatura	VALERI ORLOV,	Svyryd, Andriy,		2007

**VALERI ORLOV**

**DOCENCIA IMPARTIDA**

**Histórico de docencia**



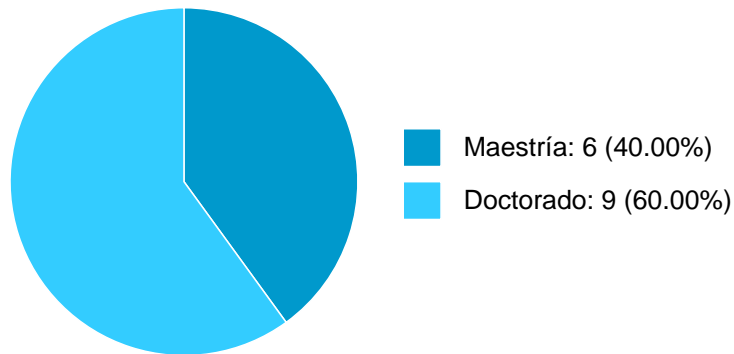
#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	TEM.SELEC.DE ASTROFISICA III	Facultad de Ciencias	2	2018-1



**VALERI ORLOV**

**TUTORIAS EN POSGRADO**

**Histórico de tutorías en posgrado**



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Instituto de Astronomía	Maestría	Maestría en Astrofísica	2019	2020-1
2	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2019	2020-1
3	Instituto de Astronomía	Doctorado	Doctorado en Astrofísica	2018	2019-1
4	Instituto de Astronomía	Maestría	Maestría en Astrofísica	2018	2019-1
5	Instituto de Astronomía	Doctorado	Doctorado en Ciencias (Astronomía)	2013	2013-2
6	Instituto de Astronomía	Doctorado	Doctorado en Ciencias (Astronomía)	2013	2014-1
7	Instituto de Astronomía	Doctorado	Doctorado en Ciencias (Astronomía)	2012	2012-2
8	Instituto de Astronomía	Doctorado	Doctorado en Ciencias (Astronomía)	2012	2013-1
9	Instituto de Astronomía	Doctorado	Doctorado en Ciencias (Astronomía)	2011	2011-2
10	Instituto de Astronomía	Doctorado	Doctorado en Ciencias (Astronomía)	2011	2012-1
11	Instituto de Astronomía	Maestría	Maestría en Ciencias (Astronomía)	2010	2010-2
12	Instituto de Astronomía	Doctorado	Doctorado en Ciencias (Astronomía)	2010	2011-1
13	Instituto de Astronomía	Maestría	Maestría en Ciencias (Astronomía)	2009	2009-2
14	Instituto de Astronomía	Maestría	Maestría en Ciencias (Astronomía)	2009	2010-1
15	Instituto de Astronomía	Maestría	Maestría en Ciencias (Astronomía)	2008	2009-1



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



**VALERI ORLOV**

**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	2008-2024
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2024
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2024
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

### Externos

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