BRUNO ULLRICH

Datos Generales

Nombre: BRUNO ULLRICH

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 4 años

Nombramientos

Último: INVESTIGADOR TITULAR C TC No Definitivo
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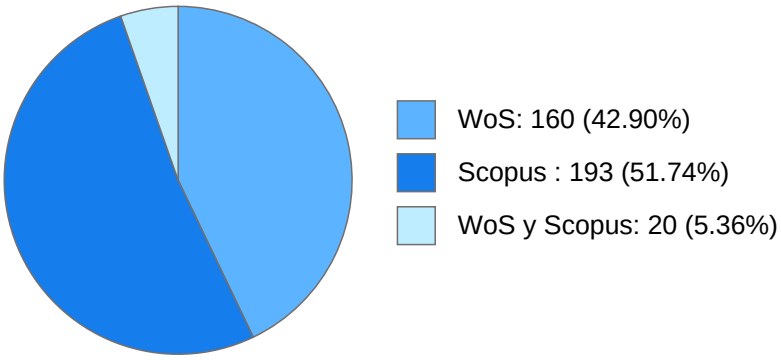
Estímulos, programas, premios y reconocimientos

SNI II 2015 - 2017
PRIDE C 2013 - 2016
PRIDE B 2013

BRUNO ULLRICH

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Microscopic description and uncertainty of the Stokes shift in semiconductors	BRUNO ULLRICH Bhowmick M. Xi H.	OPTICS LETTERS	2022
2	Optical bandgap definition via a modified form of urbach?s rule	BRUNO ULLRICH Bhowmick M. Xiz H.	Materials	2021
3	All-optical switch based on PbS quantum dots	BRUNO ULLRICH Bhowmick M. Singh A.K. et al.	APPLIED PHYSICS LETTERS	2021
4	Correction of the Fan factor	BRUNO ULLRICH Xi H. Bhowmick M.	AIP ADVANCES	2020
5	Mathematical assessment of the thermal band gap variation of semiconductors	BRUNO ULLRICH Bhowmick M. Xi H. et al.	PHYSICA SCRIPTA	2019
6	Optical properties of PbS quantum dots deposited on glass employing a supercritical CO2 fluid process	BRUNO ULLRICH Wang J.	APPLIED SCIENCES-BASEL	2019
7	The thermo-electric nature of the Debye temperature	BRUNO ULLRICH Bhowmick M. Androulidaki M. et al.	AIP ADVANCES	2018
8	Luminescence and transient lifetime studies for energy transfer of PbS QD films	BRUNO ULLRICH Wang J.S. Dass C.K. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2017

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9	Relation between Debye temperature and energy band gap of semiconductors	BRUNO ULLRICH Bhowmick, M. Xi, H.	AIP ADVANCES	2017
10	Optical properties of a scorpion (Centruroides limpidus)	BRUNO ULLRICH VICENTE OCTAVIO MEJIA VILLANUEVA Duckworth, Robyn M. et al.	PHYSICA SCRIPTA	2016
11	Photoluminescence limiting of colloidal PbS quantum dots	BRUNO ULLRICH Xi, H. Wang, J. S.	APPLIED PHYSICS LETTERS	2016
12	Luminescence studies for energy transfer of lead sulfide QD films	BRUNO ULLRICH Wang J.S. Das A. et al.	RSC ADVANCES	2016
13	Host matrix impact on Er3+ upconversion emission and its temperature dependence	SHRI KRISHNA SINGH SINGH BRUNO ULLRICH Shahi, Praveen Kumar et al.	RSC ADVANCES	2015
14	Lanthanide complexes for temperature sensing, UV light detection, and laser applications	SHRI KRISHNA SINGH SINGH BRUNO ULLRICH Shahi, Praveen Kumar et al.	SENSORS AND ACTUATORS A-PHYSICAL	2015
15	Inherent photoluminescence Stokes shift in GaAs	BRUNO ULLRICH SHRI KRISHNA SINGH SINGH Puspendu Barik et al.	OPTICS LETTERS	2015
16	Temperature dependence of the fundamental excitonic resonance in lead-salt quantum dots	BRUNO ULLRICH Yue, Fangyu Tomm, Jens W. et al.	APPLIED PHYSICS LETTERS	2015
17	Revelation of the Technological Versatility of the Eu(TTA) 3 Phen Complex by Demonstrating Energy Harvesting, Ultraviolet Light Detection, Temperature Sensing, and Laser Applications	Akhilesh Kumar Singh BRUNO ULLRICH Shahi, Praveen Kumar et al.	ACS APPLIED MATERIALS & INTERFACES	2015
18	Magneto-optical reflectance and absorbance of PbS quantum dots	Puspendu Barik SHRI KRISHNA SINGH SINGH BRUNO ULLRICH	PHYSICA SCRIPTA	2015
19	Photo-dynamic Burstein-Moss doping of PbS quantum dots in solution by single and twophoton optical pumping	BRUNO ULLRICH P. Barik SHRI KRISHNA SINGH SINGH et al.	OPTICAL MATERIALS EXPRESS	2015
20	Atomic transition region at the crossover between quantum dots to molecules	BRUNO ULLRICH ARMANDO ANTILLON DIAZ M. Bhowmick et al.	PHYSICA SCRIPTA	2014
21	Intrinsic photoluminescence Stokes shift in semiconductors demonstrated by thin-film CdS formed with pulsed-laser deposition	BRUNO ULLRICH D. Ariza Flores M. Bhowmick	Thin Solid Films	2014
22	Photoinduced band filling in strongly confined colloidal PbS quantum dots	BRUNO ULLRICH Xi, H. Wang, J. S.	JOURNAL OF APPLIED PHYSICS	2014

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23	Magneto-optical controlled transmittance alteration of PbS quantum dots by moderately applied magnetic fields at room temperature	SHRI KRISHNA SINGH SINGH Puspendu Barik BRUNO ULLRICH	APPLIED PHYSICS LETTERS	2014
24	Photoluminescence lineshape of ZnO	BRUNO ULLRICH SHRI KRISHNA SINGH SINGH Mithun Bhowmick et al.	AIP ADVANCES	2014
25	All-optical tuning of the Stokes shift in PbS quantum dots	BRUNO ULLRICH Wang, J. S.	APPLIED PHYSICS LETTERS	2013
26	Comment on 'Temperature dependent optical properties of PbS nanocrystals'	BRUNO ULLRICH Wang, J. S. Brown, G. J.	Nanotechnology	2013
27	Morphology and energy transfer in PbS quantum dot arrays formed with supercritical fluid deposition	BRUNO ULLRICH Wang, Joanna S. Brown, Gail J. et al.	MATERIALS CHEMISTRY AND PHYSICS	2013
28	Impact of laser excitation variations on the photoluminescence of PbS quantum dots on GaAs	BRUNO ULLRICH Wang, J. S.	JOURNAL OF LUMINESCENCE	2013
29	Photocurrent limit in nanowires	BRUNO ULLRICH Xi, Haowen	OPTICS LETTERS	2013
30	Stability studies of lead sulfide colloidal quantum dot films on glass and GaAs substrates	BRUNO ULLRICH Wang J.S. Steenbergen E.H. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2013
31	Emission of precipitation deposited PbS quantum dots on polyethylene terephthalate	BRUNO ULLRICH Markelonis A.R. Wang J.S. et al.	Materials Research Society Symposium Proceedings	2012
32	Semiconductor band gap localization via Gaussian function	BRUNO ULLRICH Brown, G. J. Xi, H.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2012
33	Photoluminescence under high-electric field of PbS quantum dots	BRUNO ULLRICH Wang, J. S. Brown, G. J.	AIP ADVANCES	2012
34	Note: Phase sensitive detection of photoluminescence with Fourier transform spectroscopy	BRUNO ULLRICH Brown G.J.	REVIEW OF SCIENTIFIC INSTRUMENTS	2012

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35	Fourier spectroscopy on PbS quantum dots	BRUNO ULLRICH Wang J.S. Xiao X.Y. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2012
36	Strain-balanced InAs/InAs1-xSbx type-II superlattices grown by molecular beam epitaxy on GaSb substrates	BRUNO ULLRICH Steenbergen E.H. Nunna K. et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	2012
37	PbS nanoparticles: Synthesis, supercritical fluid deposition, and optical studies	BRUNO ULLRICH Wang J.S. Brown G.J.	Materials Research Society Symposium Proceedings	2012
38	Analysis of thermal band gap variations of PbS quantum dots by Fourier transform transmission and emission spectroscopy	BRUNO ULLRICH Wang J.S. Brown G.J.	APPLIED PHYSICS LETTERS	2011
39	Doping of GaAs by laser ablated ZnTe	BRUNO ULLRICH Brown G.J.	APPLIED PHYSICS LETTERS	2011
40	Erratum: Analysis of thermal band gap variations of PbS quantum dots by Fourier transform transmission and emission spectroscopy (Applied Physics Letters (2011) 99 (081901))	BRUNO ULLRICH Wang J.S. Brown G.J.	APPLIED PHYSICS LETTERS	2011
41	Lead sulfide quantum dot synthesis, deposition, and temperature dependence studies of the Stokes shift	BRUNO ULLRICH Wang J.S. Brown G.J.	Materials Research Society Symposium Proceedings	2011
42	Photoluminescence of PbS quantum dots on semi-insulating GaAs	BRUNO ULLRICH Xiao X.Y. Brown G.J.	JOURNAL OF APPLIED PHYSICS	2010
43	Structural, compositional, and optoelectronic properties of thin-film CdS on p-GaAs prepared by pulsed-laser deposition	BRUNO ULLRICH Acharya K.P. Mahalingam K.	Thin Solid Films	2010
44	Magneto-optics of InAs/GaSb superlattices	BRUNO ULLRICH Haugan H.J. Elhamri S. et al.	JOURNAL OF APPLIED PHYSICS	2010

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45	Optical and electrical quality improvements of undoped InAs/GaSb superlattices	BRUNO ULLRICH Haugan H.J. Grazulis L. et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY B	2010
46	Synthesis of PbS/TiO2 colloidal heterostructures for photovoltaic applications	BRUNO ULLRICH Acharya K.P. Hewa-Kasakarage N.N. et al.	JOURNAL OF PHYSICAL CHEMISTRY C	2010
47	Erratum: Synthesis of PbS/TiO2 colloidal heterostructures for photovoltaic applications (The Journal of Physical Chemistry C (2010) 114 (18291))	BRUNO ULLRICH Acharya K.P. Hewa-Kasakarage N.N. et al.	JOURNAL OF PHYSICAL CHEMISTRY C	2010
48	Pulsed laser deposition of graphite counter electrodes for dye-sensitized solar cells	BRUNO ULLRICH Acharya K.P. Khatri H. et al.	APPLIED PHYSICS LETTERS	2010
49	Photocurrent theory based on coordinate dependent lifetime	BRUNO ULLRICH Xi H.	OPTICS LETTERS	2010
50	Type-II superlattice materials research at the Air Force Research Laboratory	BRUNO ULLRICH Brown G.J. Elhamri S. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2010
51	Photonic digitizing and pattern alteration with flexible CdS and GaAs film surfaces	BRUNO ULLRICH Liyanage C. Acharya K.	JOURNAL OF THE OPTICAL SOCIETY OF AMERICA B-OPTICAL PHYSICS	2009
52	Control of residual background carriers in undoped mid-infrared InAs/GaSb superlattices	BRUNO ULLRICH Haugan H.J. Elhamri S. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2009
53	Optimizing residual carriers in undoped InAs/GaSb superlattices for high operating temperature mid-infrared detectors	BRUNO ULLRICH Haugan H.J. Elhamri S. et al.	JOURNAL OF CRYSTAL GROWTH	2009
54	Room temperature photoluminescence of amorphous GaAs	BRUNO ULLRICH Brown G.J.	MATERIALS LETTERS	2009

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55	Responsivity properties of ZnTe/GaAs heterostructures formed with pulsed-laser deposition	BRUNO ULLRICH Acharya K.P. Erlacher A.	SOLAR ENERGY MATERIALS AND SOLAR CELLS	2009
56	Physical characterization of n-GaAs on p-Si formed by low-temperature pulsed-laser deposition	BRUNO ULLRICH Acharya K.P. Khatri H.	JOURNAL OF APPLIED PHYSICS	2009
57	Electronic properties of p-GaAs deposited on n-Si with pulsed-laser deposition	BRUNO ULLRICH Erlacher A. Smith H.E. et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	2008
58	Study of residual background carriers in midinfrared InAsGaSb superlattices for unfcooled detector operation	BRUNO ULLRICH Haugan H.J. Elhamri S. et al.	APPLIED PHYSICS LETTERS	2008
59	Responsivity modulation of thin-film CdS by means of lock-in technique	BRUNO ULLRICH Acharya K.P.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2008
60	Short-period InAs/GaSb superlattices for mid-infrared photodetectors	BRUNO ULLRICH Haugan H.J. Szmulowicz F. et al.	Physica Status Solidi C-Current Topics in Solid State Physics	2007
61	Thin-film CdS formed with pulsed-laser deposition towards optical and hybrid device applications	BRUNO ULLRICH	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2007
62	Responsivity of ZnTen-GaAs heterostructures formed by infrared nanosecond laser deposition	BRUNO ULLRICH Acharya K.P. Erlacher A.	JOURNAL OF APPLIED PHYSICS	2007
63	Optoelectronic properties of ZnTe/Si heterostructures formed by nanosecond laser deposition at different Nd:YAG laser lines	BRUNO ULLRICH Acharya K.P. Erlacher A.	Thin Solid Films	2007
64	CdS thin films formed on flexible plastic substrates by pulsed-laser deposition	BRUNO ULLRICH Acharya K.P. Skuza J.R. et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	2007
65	Photoluminescence analysis of p-doped GaAs using the Roosbroeck-Shockley relation	BRUNO ULLRICH Munshi S.R. Brown G.J.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2007

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66	Growth of short-period InAs/GaSb superlattices	BRUNO ULLRICH Haugan H.J. Mahalingam K. et al.	JOURNAL OF APPLIED PHYSICS	2006
67	Texture and surface analysis of thin-film GaAs on glass formed by pulsed-laser deposition	BRUNO ULLRICH Erlacher A. Komarova E.Y. et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2006
68	Structural and surface analysis of thin-film ZnTe formed with pulsed-laser deposition	BRUNO ULLRICH Erlacher A. Lukaszew A.R. et al.	SURFACE SCIENCE	2006
69	Interfaces as design tools for short-period InAs/GaSb type-II superlattices for mid-infrared detectors	BRUNO ULLRICH Szmulowicz F. Haugan H.J. et al.	OPTO-ELECTRON REV	2006
70	Short period superlattices: Is thinner better?	BRUNO ULLRICH Brown G.J. Haugan H.J. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2006
71	Surface and texture characterization of thin-film ZnTe formed with pulsed-laser deposition	BRUNO ULLRICH Erlacher A. Lukaszew A.R. et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	2006
72	Introduction of glass/GaAs interfaces for all-optical and hybrid switch fabrics	BRUNO ULLRICH Erlacher A. Danilov E.O.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2006
73	Pushing the envelope to the maximum: Short-period InAs/GaSb type-II superlattices for mid-infrared detectors	BRUNO ULLRICH Haugan H.J. Szmulowicz F. et al.	PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES	2006
74	Photosensitive hetero-pairing of p-GaAs/n-Si by pulsed-laser deposition	BRUNO ULLRICH Erlacher A.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	2005
75	Rectification and intrinsic photocurrent of GaAs/Si photodiodes formed with pulsed-laser deposition at 1064 nm	BRUNO ULLRICH Erlacher A.	APPLIED PHYSICS LETTERS	2005

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76	Absorption and photocurrent properties of low-temperature laser deposited thin-film GaAs on glass	BRUNO ULLRICH Erlacher A. Ambrico M. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005
77	Short-period InAsGaSb type-II superlattices for mid-infrared detectors	BRUNO ULLRICH Haugan H.J. Szmulowicz F. et al.	APPLIED PHYSICS LETTERS	2005
78	Laser crossing in thin-film GaAs for all-optical computing realizations	BRUNO ULLRICH Erlacher A.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005
79	Interfaces as design tools for short-period InAs/GaSb type-II superlattices for mid-infrared detectors	BRUNO ULLRICH Szmulowicz F. Haugan H.J. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005
80	Absorption and photoconductivity properties of ZnTe thin films formed by pulsed-laser deposition on glass	BRUNO ULLRICH Erlacher A. Ambrico M. et al.	APPLIED SURFACE SCIENCE	2005
81	Ion-beam luminescence of thin-film CdS on glass formed by pulsed-laser deposition	BRUNO ULLRICH Khanlary M. Townsend P. et al.	JOURNAL OF APPLIED PHYSICS	2005
82	Optical gate realization by laser crossing in thin-film semiconductors on glass	BRUNO ULLRICH Erlacher A. Konopinski R.J. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2005

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83	The formation of GaAs/Si photodiodes by pulsed-laser deposition	BRUNO ULLRICH Erlacher A. Jaeger H.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
84	All-optical digitizing of laser transmission through thin-film GaAs on glass	BRUNO ULLRICH Erlacher A.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2004
85	Low-power all-optical switch by superposition of red and green laser irradiation in thin-film cadmium sulfide on glass	BRUNO ULLRICH Erlacher A. Miller H.	JOURNAL OF APPLIED PHYSICS	2004
86	Optoelectronic multiplexer realization by a GaAs/Si hetero-structure formed by pulsed-laser deposition	BRUNO ULLRICH Erlacher A. Gerasimov T.G. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2004
87	Switch performance and electronic nature of photonic laser digitizing through thin GaAs films on glass	BRUNO ULLRICH Erlacher A. Danilov E.O.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2004
88	X-ray, absorption and photocurrent properties of thin-film GaAs on glass formed by pulsed-laser deposition	BRUNO ULLRICH Erlacher A. Ambrico M. et al.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2004
89	Analysis of single- and two-photon-excited green emission spectra of thin-film cadmium sulfide	BRUNO ULLRICH Yano S. Schroeder R. et al.	JOURNAL OF APPLIED PHYSICS	2003
90	Absorption and photocurrent properties of thin ZnS films formed by pulsed-laser deposition on quartz	BRUNO ULLRICH Yano S. Schroeder R. et al.	Thin Solid Films	2003
91	High-electric-field photocurrent in thin-film ZnS formed by pulsed-laser deposition	BRUNO ULLRICH Yano S. Schroeder R. et al.	APPLIED PHYSICS LETTERS	2003
92	In situ analysis of a vertical-cavity surface-emitting laser active layer by two-photon spectroscopy	BRUNO ULLRICH Schroeder R. Knigge A. et al.	OPTICAL ENGINEERING	2003

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93	Identity of green single- and two-photon excited interband emission in thin film CdS on glass	BRUNO ULLRICH Yano S.	Thin Solid Films	2003
94	Excitation induced emission color change in conjugated polymers	BRUNO ULLRICH Schroeder R. Wilson J.N. et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2003
95	Preparation of thin film GaAs on glass by pulsed-laser deposition	BRUNO ULLRICH Erlacher A. Yano S. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2003
96	Two-photon-excited green emission and its dichroic shift of oriented thin-film CdS on glass formed by laser deposition	BRUNO ULLRICH Schroeder R. Sakai H. et al.	APPLIED PHYSICS LETTERS	2002
97	Photovoltaic hybrid device with broad tunable spectral response achieved by organic/inorganic thin-film heteropairing	BRUNO ULLRICH Schroeder R.	APPLIED PHYSICS LETTERS	2002
98	Femtosecond excitation cavity studies and superluminescence by two-photon absorption in vertical cavity lasers at 300 K	BRUNO ULLRICH Schroeder R. Knigge A. et al.	PHYSICAL REVIEW B	2002
99	Intrachain exciton quenching analysis in conjugated polymers by two-photon spectroscopy	BRUNO ULLRICH Schroeder R. Graupner W. et al.	JOURNAL OF CHEMICAL PHYSICS	2002
100	Bulk emission and interface probing of thin film CdS by two-photon spectroscopy	BRUNO ULLRICH Schroeder R.	CHEMICAL PHYSICS	2002
101	Optoelectronic junction devices based on organic/inorganic hetero-paired semiconductors	BRUNO ULLRICH Schroeder R.	Materials Research Society Symposium Proceedings	2002
102	Two-photon excited emission probing of thin film CdS formed by various techniques	BRUNO ULLRICH Schroeder R.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2002

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103	Absorption and subsequent emission saturation of two-photon excited materials: Theory and experiment	BRUNO ULLRICH Schroeder R.	OPTICS LETTERS	2002
104	Intensity dependence of two-photon absorption in CdS measured by photoluminescence excited by femtosecond laser pulses	BRUNO ULLRICH Dushkina N.M.	OPTICAL ENGINEERING	2002
105	Femtosecond excitation cavity studies and superluminescence by two-photon absorption in vertical cavity lasers at 300 K	BRUNO ULLRICH Schroeder R. Knigge A. et al.	PHYSICAL REVIEW B	2002
106	Optical properties of ZnxCd1-xS mixed crystal thin film produced by PLD	BRUNO ULLRICH Sakai H. Watanabe M. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	2002
107	Hybrid bistable device realization based on lock-in technique	BRUNO ULLRICH	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2002
108	Optoelectronic properties of thin film CdS formed by ultraviolet and infrared pulsed-laser deposition	BRUNO ULLRICH Sakai H. Segawa Y.	Thin Solid Films	2001
109	The influence of self-absorption on the photoluminescence of thin film CdS demonstrated by two-photon absorption	BRUNO ULLRICH Schroeder R. Graupner W. et al.	OPTICS EXPRESS	2001
110	Excitation density and photoluminescence studies of polyfluorene excited by two-photon absorption	BRUNO ULLRICH Schroeder R. Graupner W. et al.	JOURNAL OF PHYSICS-CONDENSED MATTER	2001
111	Green emission and bandgap narrowing due to two-photon excitation in thin film CdS formed by spray pyrolysis	BRUNO ULLRICH Schroeder R.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2001
112	Green single- and two-photon gap emission of thin-film CdS formed by infrared pulsed-laser deposition on glass	BRUNO ULLRICH Schroeder R.	IEEE JOURNAL OF QUANTUM ELECTRONICS	2001

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113	Two-photon absorption properties of soluble fluorene-based conjugated polymers	BRUNO ULLRICH Schroeder R. Graupner W. et al.	Materials Research Society Symposium Proceedings	2001
114	Active layer characterization of GaInP vertical cavity surface-emitting lasers using two-photon femtosecond excitation	BRUNO ULLRICH Schroeder R.	Conference Proceedings - Lasers and Electro-Optics Society Annual Meeting-LEOS	2001
115	Intrinsic gap emission and its geometry dependence of thin-film CdS excited by two-photon absorption	BRUNO ULLRICH Schroeder R. Sakai H.	SEMICONDUCTOR SCIENCE AND TECHNOLOGY	2001
116	Reflection properties of oriented thin CdS films formed by laser ablation	BRUNO ULLRICH Dushkina N.M. Sakai H. et al.	Thin Solid Films	2000
117	Absorption dichroism of thin CdS films formed by pulsed-laser deposition	BRUNO ULLRICH Sakai H.	Ieee International Symposium On Compound Semiconductors, Proceedings	2000
118	Micro-cavity lasing of optically excited CdS thin films at room temperature	BRUNO ULLRICH Bagnall D.M. Sakai H. et al.	JOURNAL OF CRYSTAL GROWTH	2000
119	Optical and photoelectrical properties of oriented ZnO films	BRUNO ULLRICH Tomm J.W. Qiu X.G. et al.	JOURNAL OF APPLIED PHYSICS	2000
120	Photoluminescence and lasing of thin CdS films on glass formed by pulsed-laser-deposition	BRUNO ULLRICH Bagnall D.M. Sakai H. et al.	JOURNAL OF LUMINESCENCE	2000
121	Photoelectric dichroism of oriented thin film CdS fabricated by pulsed-laser deposition	BRUNO ULLRICH Tomm J.W. Dushkina N.M. et al.	SOLID STATE COMMUNICATIONS	2000
122	Room-temperature green luminescence and lasing of thin CdS films on glass formed by pulsed-laser-deposition	BRUNO ULLRICH Bagnall D.M. Sakai H. et al.	Pacific Rim Conference On Lasers And Electro-Optics, Cleo - Technical Digest	1999

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123	Microcavity lasing of optically excited cadmium sulfide thin films at room temperature	BRUNO ULLRICH Bagnall D.M. Qiu X.G. et al.	OPTICS LETTERS	1999
124	Tribological behavior of high-density polyethylene in dry sliding contact with ion-implanted CoCrMo	BRUNO ULLRICH Kehler B.A. Baker N.P. et al.	SURFACE & COATINGS TECHNOLOGY	1999
125	Influence of hydrogen passivation of silicon on the photocurrent of CdS/Si heterodiodes	BRUNO ULLRICH Löher T. Segawa Y. et al.	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	1999
126	Photoluminescence properties of thin CdS films on glass formed by laser ablation	BRUNO ULLRICH Bagnall D.M. Sakai H. et al.	SOLID STATE COMMUNICATIONS	1999
127	Influence of the c-axis orientation on the optical properties of thin CdS films formed by laser ablation	BRUNO ULLRICH Dushkina N.M. Sakai H. et al.	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1999
128	Optical and hybrid properties of the ZnSe/InSe/Si heterojunction	BRUNO ULLRICH Koma A. Löher T. et al.	SOLID STATE COMMUNICATIONS	1998
129	Crystal direction of CdS thin film produced by laser ablation	BRUNO ULLRICH Sakai H. Tamaru T. et al.	JAPANESE JOURNAL OF APPLIED PHYSICS	1998
130	Influence of thermal and electronic modifications of the GaAs bandgap on bistable luminescent light emitted from a thin CdS film	BRUNO ULLRICH	Thin Solid Films	1998
131	Comparison of the photocurrent of ZnSe/InSe/Si and ZnSe/Si heterojunctions	BRUNO ULLRICH	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	1998

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132	Angular dependence of the reflectance and transmittance of CdS films formed by laser ablation	BRUNO ULLRICH Dushkina N.M.	APPLIED PHYSICS LETTERS	1998
133	Texture and microstructural evolution of thin silver films in Ag/Ti bilayers	BRUNO ULLRICH Zeng Y. Alford T.L. et al.	JOURNAL OF APPLIED PHYSICS	1998
134	The influence of the laser fluence on the transmission features of thin CdS films formed by laser ablation	BRUNO ULLRICH Sakai H. Dushkina N.M. et al.	MICROELECTRONIC ENGINEERING	1998
135	Novel hybrid device by interaction of chopped light with a laser beam in a CdS crystal	BRUNO ULLRICH Dushkina N.M. Kobayashi T.	Pacific Rim Conference On Lasers And Electro-Optics, Cleo - Technical Digest	1997
136	Excitonic emission enhancement by directional carrier injection in a ZnSe/Zn0.78Cd0.22Se multi-superlattice	BRUNO ULLRICH Guan Z.P. Zheng Q.B. et al.	SOLID STATE COMMUNICATIONS	1997
137	The effect of the substrate on the emission features of thin CdS films formed by laser ablation	BRUNO ULLRICH Sakai H. Dushkina N.M. et al.	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	1997
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140	A comparative study of refractory metal nitridation in an NH3 ambient	BRUNO ULLRICH Zou Y.L. Alford T.L. et al.	Thin Solid Films	1997
141	Comparison of bistable light emission of a thin CdS:Cu film measured in reflection and transmission geometry	BRUNO ULLRICH Sasaki M. Kobayashi T.	OPT REV	1997
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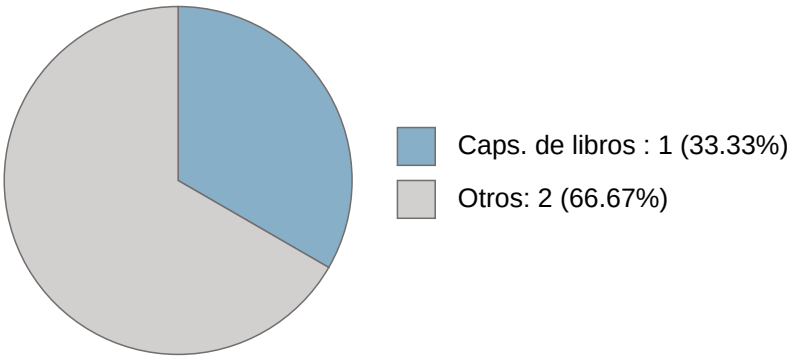

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2	Strongly Confined PBS Quantum Dots: Emission Limiting, Photonic Doping, and Magneto-Optical Effects	JORGE ALEJANDRO REYES ESQUEDA BRUNO ULLRICH Barik, P. et al.	Capítulo de un Libro	2016	9781119241966
3	Theoretical Analysis of the Spectral Photocurrent Distribution of Semiconductors	BRUNO ULLRICH Haowen Xi SL Pyshkin et al.	Article	2013	9789535109228

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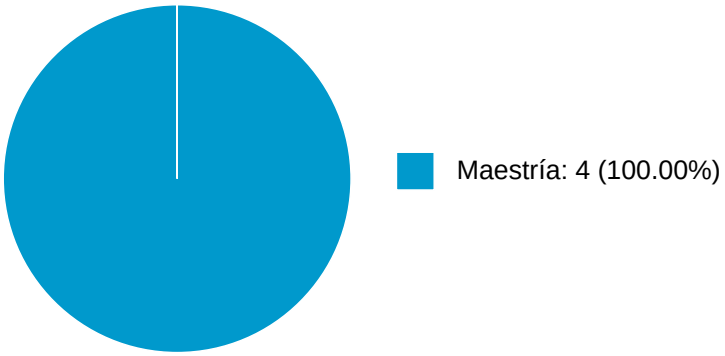

#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	FISICA DE MATERIALES	Instituto de Física	2	2016-1
2	Maestría	LABORATORIO AVANZADO	Instituto de Ciencias Físicas	1	2015-2
3	Maestría	LABORATORIO AVANZADO	Instituto de Ciencias Físicas	3	2014-2
4	Maestría	LABORATORIO AVANZADO	Instituto de Ciencias Físicas	3	2014-1

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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
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