



ELENA GOLOVATAYA DZHymbEEVA

Datos Generales

Nombre: ELENA GOLOVATAYA DZHymbEEVA

Máximo nivel de estudios: DOCTORADO

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Nombramientos

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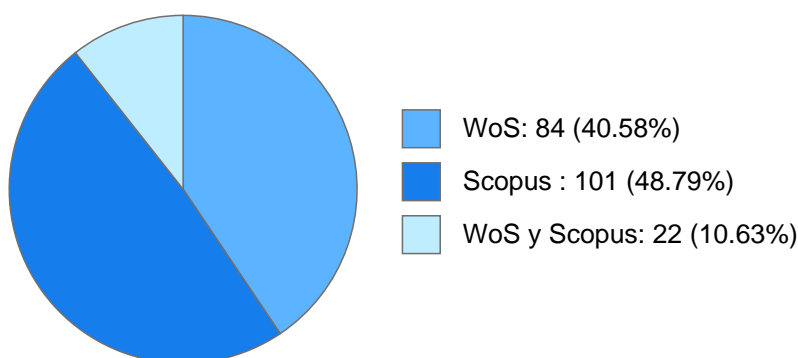
Estímulos, programas, premios y reconocimientos

SNI III 2010 - 2024
SNI II - 2009
PRIDE D - 2024
PASPA Estancias Sabáticas 2019
PASPA Estancias Sabáticas 2011

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Lanthanide-modified graphene oxide and nanodiamond materials and their cytotoxicity	JOSE ANDRES DE LA CRUZ RODRIGUEZ GALVAN MARIA TERESA OBDULIA RAMIREZ APAN VLADIMIR BASSIOUK EVDOKIMENKO et al.	FULLERENES NANOTUBES AND CARBON NANOSTRUCTUR ES	2024
2	Solvothermal Synthesis of Rare Earth Bisphthalocyanines	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO Bolívar-Pineda L.M. et al.	Molecules	2024
3	Enhancing the adsorption kinetics of model gasoline emissions in a biochar-carbon nanostructures composite that provides accessible adsorption sites	MIGUEL AVALOS BORJA ELENA GOLOVATAYA DZHymbEEVA Gutierrez-Martinez J. et al.	Journal of Environmental Chemical Engineering	2024
4	Strong Bending Distortion of a Supercoronene Graphene Model upon Adsorption of Lanthanide Atoms	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO Prezhdo O.V.	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2023
5	Eco-friendly synthesis of graphene oxide?palladium nanohybrids	MONSERRAT BIZARRO SORDO VICTOR HUGO MEZA LAGUNA EDGAR ALVAREZ ZAUCO et al.	Materials Today Communicatio ns	2023

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6	Solvothermal synthesis of lanthanide-functionalized graphene oxide nanocomposites	LAZARO HUERTA ARCOS MONSERRAT BIZARRO SORDO VICTOR HUGO MEZA LAGUNA et al.	MATERIALS CHEMISTRY AND PHYSICS	2023
7	Adsorption of Lanthanide Atoms on Graphene: Similar, Yet Different	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Prezhdo O.V.	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2022
8	Eco-friendly synthesis of graphene oxide/silver nanoparticles hybrids: The effect of amine derivatization	VICTOR HUGO MEZA LAGUNA DWIGHT ROBERTO ACOSTA NAJARRO EDGAR ALVAREZ ZAUCO et al.	DIAMOND AND RELATED MATERIALS	2021
9	Solvent-free functionalization of graphene oxide powder and paper with aminobenzo-crown ethers and complexation with alkali metal cations	FLAVIO FERNANDO CONTRERAS TORRES VICTOR HUGO MEZA LAGUNA EDGAR ALVAREZ ZAUCO et al.	MATERIALS CHEMISTRY AND PHYSICS	2021
10	High-energy ball-milling preparation and characterization of Ln(2)O(3)-graphite nanocomposites	VLADIMIR BASSIOUK EVDOKIMENKO VICTOR HUGO MEZA LAGUNA EDGAR ALVAREZ ZAUCO et al.	Materials Today Communications	2021
11	Effects of solvent-free amine functionalization of graphene oxide and nanodiamond on bacterial growth	ELENA GOLOVATAYA DZHymbEEVA JULIO CESAR CARRERO SANCHEZ VLADIMIR BASSIOUK EVDOKIMENKO et al.	FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES	2021
12	Thermal smearing in DFT calculations: How small is really small? A case of La and Lu atoms adsorbed on graphene	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Prezhdo O.V.	Materials Today Communications	2020
13	A dispersion-corrected density functional theory study of the noncovalent interactions between nucleobases and carbon nanotube models containing stone-wales defects	FLAVIO FERNANDO CONTRERAS TORRES ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO	JOURNAL OF COMPUTATIONAL CHEMISTRY	2020
14	Generation of paramagnetic centers in carboxylated materials via coordination attachment of diamagnetic tetraazamacrocyclic complexes of nickel(II)	ELENA GOLOVATAYA DZHymbEEVA VIRGINIA GOMEZ VIDALES VLADIMIR BASSIOUK EVDOKIMENKO et al.	JOURNAL OF MATERIALS SCIENCE	2020
15	Oxygen Evolution Reaction on Single-Walled Carbon Nanotubes Noncovalently Functionalized with Metal Phthalocyanines	VICTOR HUGO MEZA LAGUNA VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA et al.	CHEMELECTROCHEMISTRY	2020

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16	N-doped carbon nanofibers from pyrolysis of free-base phthalocyanine	VLADIMIR BASSIOUK EVDOKIMENKO VICTOR HUGO MEZA LAGUNA ELENA GOLOVATAYA DZHymbEEVA et al.	DIAMOND AND RELATED MATERIALS	2020
17	Noncovalent bonding of 3d metal(II) phthalocyanines with single-walled carbon nanotubes: A combined DFT and XPS study	ELENA GOLOVATAYA DZHymbEEVA LAZARO HUERTA ARCOS VLADIMIR BASSIOUK EVDOKIMENKO	APPLIED SURFACE SCIENCE	2019
18	Optical properties of amine-functionalized graphene oxide	ELENA GOLOVATAYA DZHymbEEVA Douda J. González Vargas C.R. et al.	Applied Nanoscience	2019
19	Phytotoxicity of carbon nanotubes and nanodiamond in long-term assays with Cactaceae plant seedlings	VLADIMIR BASSIOUK EVDOKIMENKO TERESA MARGARITA TERRAZAS SALGADO ELENA GOLOVATAYA DZHymbEEVA et al.	FULLERENES AND CARBON NANOSTRUCTURES	2019
20	Effect of structural defects on the strength of adsorption of La and Lu species on graphene	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Kakazey M. et al.	DIAMOND AND RELATED MATERIALS	2019
21	One-step nondestructive functionalization of graphene oxide paper with amines	VICTOR HUGO MEZA LAGUNA MARIO HUMBERTO FARIAS SANCHEZ LUIS ARMANDO PEREZ REY et al.	RSC ADVANCES	2018
22	Carbon Nanotubes and Graphene Promote Pyrolysis of Free-Base Phthalocyanine	VICTOR HUGO MEZA LAGUNA ELENA GOLOVATAYA DZHymbEEVA Basiuk V.A. et al.	JOURNAL OF PHYSICAL CHEMISTRY LETTERS	2018
23	Graphene oxide and nanodiamond: same carboxylic groups, different complexation properties	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Rybak-Akimova, Elena V.	RSC ADVANCES	2017
24	Complexation of free-base and 3d transition metal(II) phthalocyanines with fullerene C60: A dispersion-corrected DFT study	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA	FULLERENES AND CARBON NANOSTRUCTURES	2017
25	Chemical Functionalization of Inner Walls of Carbon Nanotubes with Long-Chain Aliphatic Amines	ELENA GOLOVATAYA DZHymbEEVA JUAN RIZO ESTRADA VLADIMIR BASSIOUK EVDOKIMENKO et al.	NANOSCIENCE AND NANOTECHNOLOGY LETTERS	2017
26	Coordination functionalization of graphene oxide with tetraazamacrocyclic complexes of nickel(II): Generation of paramagnetic centers	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Alzate-Carvajal, Natalia et al.	APPLIED SURFACE SCIENCE	2016

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27	Preface	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA	No Identificado	2015
28	Solvent-free functionalization of fullerene C-60 and pristine multi-walled carbon nanotubes with aromatic amines	VICTOR HUGO MEZA LAGUNA MARIA ISABEL CHAVEZ URIBE VLADIMIR BASSIOUK EVDOKIMENKO et al.	APPLIED SURFACE SCIENCE	2015
29	Solvent-free functionalization of carbon nanotube buckypaper with amines	ELENA GOLOVATAYA DZHymbEEVA Itzel J. RamirezCalera VICTOR HUGO MEZA LAGUNA et al.	APPLIED SURFACE SCIENCE	2015
30	Green chemistry of carbon nanomaterials	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2014
31	Noncovalent functionalization of graphene with a Ni(ii) tetraaza[14]annulene complex	Melchor Martinez Herrera EDGAR ALVAREZ ZAUCO L. Veronica Henao Holguin et al.	DALTON TRANSACTIONS	2014
32	Deposition of silver nanoparticles onto human serum albumin-functionalised multi-walled carbon nanotubes	Andres Rodriguez Galvan FLAVIO FERNANDO CONTRERAS TORRES ELENA GOLOVATAYA DZHymbEEVA et al.	CANADIAN JOURNAL OF CHEMICAL ENGINEERING	2013
33	Gas-phase noncovalent functionalization of carbon nanotubes with a Ni(II) tetraaza[14]annulene complex	VLADIMIR BASSIOUK EVDOKIMENKO Laura Veronica Henao Holguin EDGAR ALVAREZ ZAUCO et al.	APPLIED SURFACE SCIENCE	2013
34	Noncovalent functionalization of single-walled carbon nanotubes with porphyrins	Maria Bassiouk VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA et al.	APPLIED SURFACE SCIENCE	2013
35	Solvent-free covalent functionalization of nanodiamond with amines	ELENA GOLOVATAYA DZHymbEEVA Adriana Santamaria Bonfil VICTOR HUGO MEZA LAGUNA et al.	APPLIED SURFACE SCIENCE	2013
36	Effect of single-wall carbon nanotubes layer on photoelectric response of Au/Si photovoltaic structures	ELENA GOLOVATAYA DZHymbEEVA Dmitruk, N. L. Borkovskaya, O. Yu. et al.	PHYSICAL & NANOSTRUCTURES	2013
37	Systemic Phytotoxic Impact of as-Prepared Carbon Nanotubes in Long-Term Assays: A Case Study of Parodia ayopayana (Cactaceae)	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA SVETLANA SHISHKOVA et al.	SCIENCE OF ADVANCED MATERIALS	2013

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38	Nanostructured Diamine–Fullerene Derivatives: Computational Density Functional Theory Study and Experimental Evidence for their Formation via Gas-Phase Functionalization	FLAVIO FERNANDO CONTRERAS TORRES ELENA GOLOVATAYA DZHYMBEEVA VLADIMIR BASSIOUK EVDOKIMENKO et al.	JOURNAL OF PHYSICAL CHEMISTRY A	2012
39	Solvent-free covalent functionalization of multi-walled carbon nanotubes and nanodiamond with diamines: Looking for cross-linking effects	ELENA GOLOVATAYA DZHYMBEEVA VLADIMIR BASSIOUK EVDOKIMENKO VICTOR HUGO MEZA LAGUNA et al.	APPLIED SURFACE SCIENCE	2012
40	Effect of Thin C-60 Films Modification with Aminosubstituted Polycyclic Aromatic Hydrocarbons and Meso-tetraphenylporphine on Optical and Photoelectric Properties of Au/C-60/Si	VICTOR HUGO MEZA LAGUNA ELENA GOLOVATAYA DZHYMBEEVA Dmitruk, I. M. et al.	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2011
41	New Method of the Threshold Voltages Determination of a Cholesteric–Nematic Transition	VICTOR HUGO MEZA LAGUNA ELENA GOLOVATAYA DZHYMBEEVA Dmitruk, N. L. et al.	MOLECULAR CRYSTALS AND LIQUID CRYSTALS	2011
42	Ecotoxicological Effects of Carbon Nanomaterials on Algae, Fungi and Plants	ELENA GOLOVATAYA DZHYMBEEVA Omar E. Ochoa Olmos Leon F. De la Mora Estrada	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2011
43	Aggregation of Human Serum Albumin on Graphite and Single-Walled Carbon Nanotubes as Studied by Scanning Probe Microscopies	Andres Rodriguez Galvan FLAVIO FERNANDO CONTRERAS TORRES ELENA GOLOVATAYA DZHYMBEEVA et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2011
44	"Green" Functionalization of Pristine Multi-Walled Carbon Nanotubes with Long-Chain Aliphatic Amines	ELENA GOLOVATAYA DZHYMBEEVA Omar Ochoa Olmos FLAVIO FERNANDO CONTRERAS TORRES et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2011
45	Fullerene Thin Films Functionalized by 1,5-Diaminonaphthalene: Preparation and Properties	ERICK ROLANDO MARTINEZ LORAN EDGAR ALVAREZ ZAUCO VLADIMIR BASSIOUK EVDOKIMENKO et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2011

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46	Microwave Irradiation of Pristine Multi-Walled Carbon Nanotubes in Vacuum	EDGAR ALVAREZ ZAUCO VLADIMIR BASSIOUK EVDOKIMENKO DWIGHT ROBERTO ACOSTA NAJARRO et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2010
47	Optical and photoelectrical studies of gold nano particle-decorated C-60 films	VICTOR HUGO MEZA LAGUNA ELENA GOLOVATAYA DZHYMBEEVA RAFAEL IVAN PUENTE LEE et al.	Thin Solid Films	2010
48	Interaction Between NO ₂ and an Elongated Fullerene C-60	FLAVIO FERNANDO CONTRERAS TORRES VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHYMBEEVA	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	2010
49	Atomic force microscopy of extraterrestrial samples	FLAVIO FERNANDO CONTRERAS TORRES ELENA GOLOVATAYA DZHYMBEEVA Rodríguez-Galván A.	Journal of Advanced Microscopy Research	2010
50	Nanohybrids of Nylon 6 with Multi-Walled Carbon Nanotubes: Solvent-Free Polymerization of epsilon-Caprolactam Under Variable Experimental Conditions	ELENA GOLOVATAYA DZHYMBEEVA Obed A. Solis Gonzalez EDGAR ALVAREZ ZAUCO et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2009
51	Poly(vinyl alcohol)/CNT composites: An effect of cross-linking with glutaraldehyde	ELENA GOLOVATAYA DZHYMBEEVA EDGAR ALVAREZ ZAUCO VLADIMIR BASSIOUK EVDOKIMENKO et al.	SUPERLATTICES AND MICROSTRUCTURES	2009
52	Genotoxic Properties of Nylon-6/MWNTs Nanohybrid	Omar E. Ochoa Olmos REGINA DORINDA MONTERO MONTOYA LUIS SERRANO GARCIA et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2009
53	Interactions of Porphyrins with Low-Dimensional Carbon Materials	VLADIMIR BASSIOUK EVDOKIMENKO FLAVIO FERNANDO CONTRERAS TORRES Maria Bassiouk et al.	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	2009
54	Amine-functionalized multi-walled carbon nanotubes: An atomic force microscopy study	FLAVIO FERNANDO CONTRERAS TORRES ELENA GOLOVATAYA DZHYMBEEVA Ochoa-Olmos O.E.	Journal of Scanning Probe Microscopy	2009

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55	Effects of covalent functionalization on the biocompatibility characteristics of multi-walled carbon nanotubes	ELENA GOLOVATAYA DZHYMBEEVA VLADIMIR BASSIOUK EVDOKIMENKO Salvador-Morales, Carolina et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2008
56	Regioselectivity in azahydro[60]fullerene derivatives: Application of general-purpose reactivity indicators	FLAVIO FERNANDO CONTRERAS TORRES VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHYMBEEVA	JOURNAL OF PHYSICAL CHEMISTRY A	2008
57	Fullerene C-60 Films Cross-Linked with Octane-1,8-Dithiol: Preparation, Characterization and the Use as Template for Chemical Deposition of Gold Nanoparticles	VICTOR HUGO MEZA LAGUNA ELENA GOLOVATAYA DZHYMBEEVA EDGAR ALVAREZ ZAUCO et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2008
58	Fullerene C(60)-Silver Nanoparticles Hybrid Structures: Optical and Photoelectric Characterization	VICTOR HUGO MEZA LAGUNA EDGAR ALVAREZ ZAUCO ELENA GOLOVATAYA DZHYMBEEVA et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2008
59	Interactions between cation-encapsulated single-walled carbon nanotubes M+@SWNT (M+ = H, Li, Na) and nucleophiles	FLAVIO FERNANDO CONTRERAS TORRES Oscar Amelines Sarria ABRAHAM FOUAD JALBOUT et al.	COMPUTATIONAL MATERIALS SCIENCE	2008
60	Cross-linking of C 60 films with 1,8-diaminooctane and further decoration with silver nanoparticles	VICTOR HUGO MEZA LAGUNA ELENA GOLOVATAYA DZHYMBEEVA EDGAR ALVAREZ ZAUCO et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2007
61	Characterization of chemically etched indium phosphide surfaces with light scattering	NEIL CHARLES BRUCE DAVIDSON OSCAR GABRIEL RODRIGUEZ HERRERA J. GUADALUPE BAÑUELOS MUÑETON et al.	WAVES IN RANDOM AND COMPLEX MEDIA	2007
62	Phototransformation of C 60 thin films by uv pulsed laser irradiation: Comparative photoacoustic, AFM, and Raman studies	EDGAR ALVAREZ ZAUCO ELENA GOLOVATAYA DZHYMBEEVA ROSALBA CASTAÑEDA GUZMAN et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2007
63	Noncovalent functionalization of carbon nanotubes with porphyrins: Meso-tetraphenylporphine and its transition metal complexes	ELENA GOLOVATAYA DZHYMBEEVA VLADIMIR BASSIOUK EVDOKIMENKO PATRICIA SANTIAGO JACINTO et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2007

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64	Optical and electrical characterization of chemically and photopolymerized C60 thin films on silicon substrates	ELENA GOLOVATAYA DZHymbEEVA EDGAR ALVAREZ ZAUCO Dmitruk N.L. et al.	Thin Solid Films	2007
65	Fluctuation model for p-n heterojunction solar cells	ELENA GOLOVATAYA DZHymbEEVA JOSE MANUEL SANIGER Blesa Dmitruk N.L. et al.	SOLAR ENERGY MATERIALS AND SOLAR CELLS	2006
66	Solvent-free derivatization of pristine multi-walled carbon nanotubes with dithiols	ELENA GOLOVATAYA DZHymbEEVA RAFAEL IVAN PUENTE LEE VLADIMIR BASSIOUK EVDOKIMENKO et al.	MATERIALS LETTERS	2006
67	'Green' derivatization of carbon nanotubes with Nylon 6 and l-alanine	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Salvador-Morales C. et al.	J MATER CHEM	2006
68	Application of principal component analysis to discriminate the Raman spectra of functionalized multiwalled carbon nanotubes	ROBERTO YSACC SATO BERRU ELENA GOLOVATAYA DZHymbEEVA JOSE MANUEL SANIGER Blesa	JOURNAL OF RAMAN SPECTROSCOPY	2006
69	Stability of interstellar fullerenes under high-dose γ -irradiation: New data	VLADIMIR BASSIOUK EVDOKIMENKO MARIA GUADALUPE ALBARRAN SANCHEZ ELENA GOLOVATAYA DZHymbEEVA et al.	ADVANCES IN SPACE RESEARCH	2005
70	Solvent-free derivatization of pristine multi-walled carbon nanotubes with amines	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO Gromovoy T.Yu. et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY	2005
71	Deposition of gold nanoparticles onto thiol-functionalized multiwalled carbon nanotubes	RODOLFO ZANELLA SPECIA ELENA GOLOVATAYA DZHymbEEVA PATRICIA SANTIAGO JACINTO et al.	JOURNAL OF PHYSICAL CHEMISTRY B	2005
72	Polymerization of C60 fullerene thin films by UV pulsed laser irradiation	EDGAR ALVAREZ ZAUCO HUGO MARTIN SOBRAL ELENA GOLOVATAYA DZHymbEEVA et al.	APPLIED SURFACE SCIENCE	2005
73	Self-assembly of tetraazamacrocyclic compounds on single-walled carbon nanotubes: Experimental and theoretical studies	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO DWIGHT ROBERTO ACOSTA NAJARRO et al.	2004 Nsti Nanotechnology y Conference And Trade Show - Nsti Nanotech 2004	2004
74	Stability of interstellar fullerenes under high-dose γ -irradiation	MARIA GUADALUPE ALBARRAN SANCHEZ VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA et al.	ADVANCES IN SPACE RESEARCH	2004

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75	Dielectric properties of (C60 + C70) - Ferroelectric liquid crystal composite	ELENA GOLOVATAYA DZHymbEEVA Koval'chuk A.V. Golovataya N.M. et al.	FULLERENES NANOTUBES AND CARBON NANOSTRUCTUR ES	2004
76	Direct solvent-free amination of closed-cap carbon nanotubes: A link to fullerene chemistry	ELENA GOLOVATAYA DZHymbEEVA RAFAEL IVAN PUENTE LEE VLADIMIR BASSIOUK EVDOKIMENKO et al.	NANO LETTERS	2004
77	Interaction of thermally pretreated carbon nanomaterials with water vapor	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO Pokrovskiy V.A. et al.	JOURNAL OF NANOSCIENCE AND NANOTECHNOL OGY	2004
78	The two-layer ONIOM technique in the studies of chemical reactions on carbon nanotube tips	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA	2004 Nsti Nanotechnology y Conference And Trade Show - Nsti Nanotech 2004	2004
79	Growth of C60 Fullerene Films on Semiconductor Surfaces	ELENA GOLOVATAYA DZHymbEEVA ALEJANDRO ESPARZA GARCIA JOSE MANUEL SANIGER BLESA et al.	Materials Research Society Symposium Proceedings	2003
80	Reaction of silica-supported fullerene C60 with nonylamine vapor	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO JOSE MANUEL SANIGER BLESA et al.	Carbon	2003
81	Irradiation of Single-Walled Carbon Nanotubes with High-Energy Protons	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Kobayashi K. et al.	NANO LETTERS	2002
82	Interaction of oxidized single-walled carbon nanotubes with vaporous aliphatic amines	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO Bañuelos J.-G. et al.	J PHYS CHEM B	2002
83	Adsorption Modification of Single-Walled Carbon Nanotubes with Tetraazaannulene Macrocyclic Complexes	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO DWIGHT ROBERTO ACOSTA NAJARRO et al.	NANO LETTERS	2002

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84	(C-rac-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane-k4N)(nicotinato-O,O')nickel(II) perchlorate	ELENA GOLOVATAYA DZHYMBEEVA VLADIMIR BASSIOUK EVDOKIMENKO SIMON HERNANDEZ ORTEGA et al.	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	2001
85	Molecular modeling of octahedral complex cations composed of [Ni(II)(rac-Me ₆ [14]aneN ₄)] ²⁺ units and bidentate carboxylate ligands	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHYMBEEVA Gómez-Lara J.	JOURNAL OF MOLECULAR STRUCTURE-THE OCHEM	2001
86	Direct Amidation of Terminal Carboxylic Groups of Armchair and Zigzag Single-Walled Carbon Nanotubes: A Theoretical Study	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHYMBEEVA Saniger-Blesa J.-M.	NANO LETTERS	2001
87	2,2,5,5,8,8-Hexamethyl-2,3,5,6,7,8-hexahydroimidazo[1,2-a]pyrazine-3,6-dione, a bicyclic product of α -aminoisobutyric acid condensation	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHYMBEEVA Van Meervelt L. et al.	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	2000
88	A bridged high-spin complex bis-[Ni(II)(rac-5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradecane)]-2,5-pyridinedicarboxylate diperchlorate monohydrate	ELENA GOLOVATAYA DZHYMBEEVA RUBEN ALFREDO TOSCANO Gomez-Lara J. et al.	J INCL PHENOM MACRO	2000
89	A 1:1.5 complex of 5,7-dioxo-1,4,8,11-tetraazacyclotetradecane and 2,6-dihydroxyanthraquinone	ELENA GOLOVATAYA DZHYMBEEVA VLADIMIR BASSIOUK EVDOKIMENKO RUBEN ALFREDO TOSCANO et al.	JOURNAL OF CHEMICAL CRYSTALLOGRAPHY	2000
90	A 1:1:2 complex between 1,4,8,11-tetraazacyclotetradecane (cyclam), anthraflavic acid, and water	ELENA GOLOVATAYA DZHYMBEEVA VLADIMIR BASSIOUK EVDOKIMENKO RUBEN ALFREDO TOSCANO et al.	JOURNAL OF CHEMICAL CRYSTALLOGRAPHY	2000
91	(5,5,7,12,12,14-hexamethyl-1,4,8,11-tetraazacyclotetradeca-1,4,8,11-tetraene-N,N',N'',N''?)nickel(II) diperchlorate	ELENA GOLOVATAYA DZHYMBEEVA VLADIMIR BASSIOUK EVDOKIMENKO SIMON HERNANDEZ ORTEGA et al.	ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS	1999

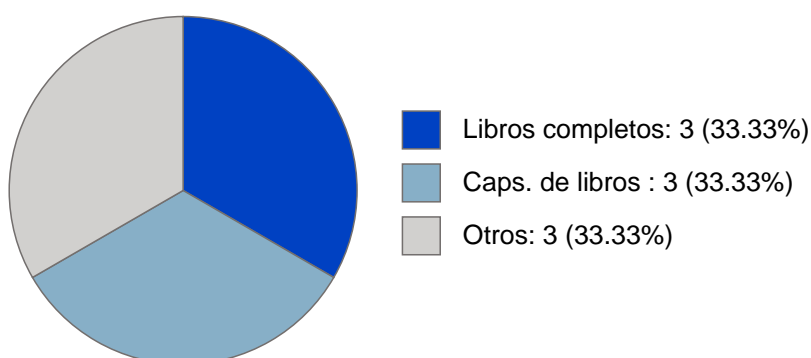
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92	A 1:2:2 complex between 1,4,10,13-tetraoxa-7,16-diazacyclooctadecane (4,13-diaza-18-crown-6), 2,6-dihydroxyanthraquinone and water	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA SIMON HERNANDEZ ORTEGA et al.	JOURNAL OF CHEMICAL CRYSTALLOGRAPHY	1999
93	Complexes of 1,4,10,13-tetraoxa-7,16-diazacyclooctadecane (4,13-diaza-18-crown-6) with 2,5-pyridinedicarboxylic and 2,2'-dithiosalicylic acids	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO RUBEN ALFREDO TOSCANO et al.	JOURNAL OF CHEMICAL CRYSTALLOGRAPHY	1999
94	Hexahydroimidazo[1,2-a]pyrazine-3,6-dione and Hexahydroimidazo[1,2-a]imidazo[1,2-d]pyrazine-3,8-dione, Unusual Dehydration Products of Amino Acids	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Navarro-González R.	BIOORG KHIM+	1998
95	Hexahydroimidazo[1,2-a]pyrazine-3,6-dione and hexahydroimidazo[1,2-a]imidazo[1,2-d]pyrazine-3,8-dione, unusual dehydration products of amino acids	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA Navarro-González R.	RUSS J BIOORG CHEM+	1998
96	Pyrolysis of alanine and α -aminoisobutyric acid: Identification of less-volatile products using gas chromatography/Fourier transform infrared spectroscopy/mass spectrometry	VLADIMIR BASSIOUK EVDOKIMENKO RAFAEL NAVARRO GONZALEZ ELENA GOLOVATAYA DZHymbEEVA	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	1998
97	Behavior of amino acids when volatilized in the presence of silica gel and pulverized basaltic lava	VLADIMIR BASSIOUK EVDOKIMENKO RAFAEL NAVARRO GONZALEZ ELENA GOLOVATAYA DZHymbEEVA	ORIGINS OF LIFE AND EVOLUTION OF BIOSPHERES	1998
98	Corona chemistry in Titan.	RAFAEL NAVARRO GONZALEZ VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA et al.	Uchu seibutsu kagaku	1998
99	Morphology, atomic composition and photoelectric properties of the microrelief InP-electrolyte interface	ELENA GOLOVATAYA DZHymbEEVA Dmitruk N.L. Kolbasov G.Ya. et al.	APPLIED SURFACE SCIENCE	1995
100	Spontaneous anisotropic etching of the InP(100) surface in concentrated hydrochloric and sulfuric acids	ELENA GOLOVATAYA DZHymbEEVA	SURFACE & COATINGS TECHNOLOGY	1994
101	Preparation, morphology and physical properties of microrelief InP surfaces	ELENA GOLOVATAYA DZHymbEEVA Dmitruk N.L. Barlas T.R.	SOLAR ENERGY MATERIALS AND SOLAR CELLS	1993

ELENA GOLOVATAYA DZHymbEEVA

LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Historias de una pradera	ELENA GOLOVATAYA DZHymbEEVA	Libro Completo	2018	9786079641375
2	Green processes for nanotechnology: From inorganic to bioinspired nanomaterials	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA	Libro Completo	2015	9783319154619
3	Green processes for nanotechnology: From inorganic to bioinspired nanomaterials	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA	Libro Completo	2015	9783319154602
4	Preface	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA	Editorial Material	2015	9783319154619
5	Solvent-free functionalization of carbon nanomaterials	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO	Capítulo de un Libro	2015	9783319154619
6	Green chemistry of carbon nanomaterials	ELENA GOLOVATAYA DZHymbEEVA VLADIMIR BASSIOUK EVDOKIMENKO	Conferenc e Paper	2014	9781482258301



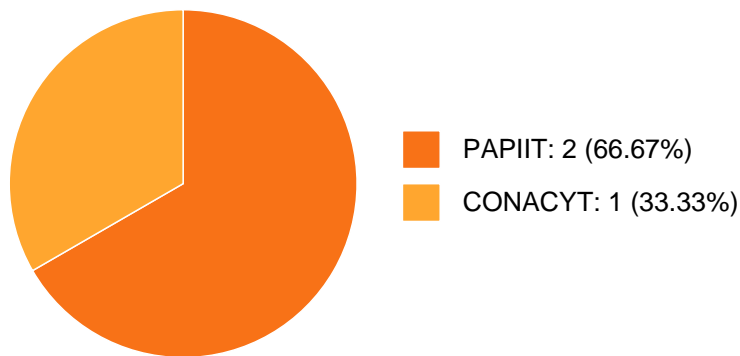
ELENA GOLOVATAYA DZHymbEEVA

7	Electrical properties of Au/C60/n-Si photodiode structures with pristine and dithioloctane-functionalized C60 nanolayers	ELENA GOLOVATAYA DZHymbEEVA Dmitruk N.L. Borkovskaya O.Yu. et al.	Conferenc e Paper	2010	9781424472017
8	Derivatisation of carbon nanotubes with amines: A solvent-free technique	VLADIMIR BASSIOUK EVDOKIMENKO ELENA GOLOVATAYA DZHymbEEVA	Capítulo de un Libro	2006	3540253777
9	Chemical crosslinking in C60 thin films	VLADIMIR BASSIOUK EVDOKIMENKO EDGAR ALVAREZ ZAUCO ELENA GOLOVATAYA DZHymbEEVA	Capítulo de un Libro	2006	3540253777

ELENA GOLOVATAYA DZHymbEEVA

PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Interacciones de complejos macrocíclicos con nanocarbonos laminares.	ELENA GOLOVATAYA DZHymbEEVA	Recursos CONACYT	10-11-2016	26-10-2020
2	Modificación física y química por el tratamiento solvotermal de los nanodiamante y óxido de grafeno.	ELENA GOLOVATAYA DZHymbEEVA	Recursos PAPIIT	01-01-2018	31-12-2020
3	Diseño, síntesis, caracterización y estudio de propiedades de materiales híbridos laminares de carbono (Oxido de grafeno, grafeno, grafito) con metales en forma elemental y oxidada	ELENA GOLOVATAYA DZHymbEEVA	Recursos PAPIIT	01-01-2021	31-12-2023



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



ELENA GOLOVATAYA DZHymbEEVA

PARTICIPACIÓN EN TESIS

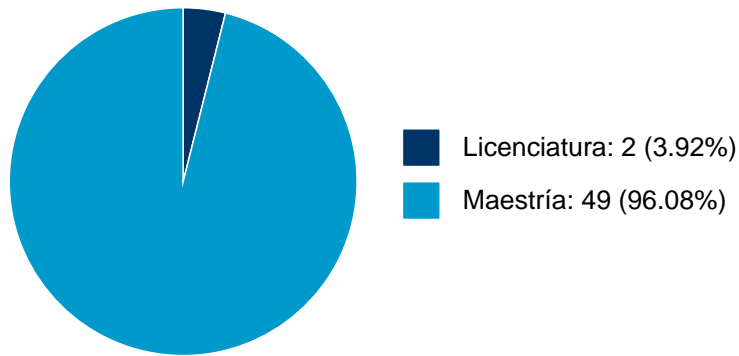
No se encuentran registros en la base de datos de TESIUNAM asociados a:

ELENA GOLOVATAYA DZHymbEEVA

ELENA GOLOVATAYA DZHymbEEVA

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMA SELECTO QUÍMICA DE NANOMATERIALES DE CARBONO	Facultad de Química	5	2024-2
2	Maestría	TEMA SELECTO QUÍMICA DE NANOMATERIALES DE CARBONO	Facultad de Química	1	2024-1
3	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRÓNICOS NANOMATERIALES DE CARBONO	Instituto de Investigaciones en Materiales	1	2023-2
4	Maestría	TEMA SELECTO QUÍMICA DE NANOMATERIALES DE CARBONO	Facultad de Química	0	2023-2
5	Maestría	TEMA SELECTO	Facultad de Química	4	2022-2
6	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRÓNICOS	Instituto de Investigaciones en Materiales	0	2022-2
7	Maestría	TEMA SELECTO	Facultad de Química	2	2022-1
8	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRÓNICOS NANOMATERIALES DE CARBONO	Instituto de Investigaciones en Materiales	1	2021-2
9	Maestría	TEMA SELECTO QUÍMICA DE NANOMATERIALES DE CARBONO	Facultad de Química	1	2021-1
10	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRÓNICOS NANOMATERIALES DE CARBONO	Instituto de Investigaciones en Materiales	1	2020-2

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11	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRÓNICOS NANOMATERIALES DE CARBONO	Instituto de Investigaciones en Materiales	2	2019-2
12	Maestría	TEMA SELECTO QUÍMICA DE NANOMATERIALES DE CARBONO	Facultad de Química	1	2019-2
13	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-2
14	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-2
15	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-2
16	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-1
17	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-1
18	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-1
19	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2019-1
20	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRÓNICOS NANOMATERIALES DE CARBONO	Instituto de Investigaciones en Materiales	1	2019-1
21	Maestría	TEMA SELECTO QUÍMICA DE NANOMATERIALES DE CARBONO	Facultad de Química	3	2019-1
22	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-2
23	Maestría	TEMA SELECTO,QUIMICA DE NANOMATERIALES DE CARBONO	Facultad de Química	7	2018-2
24	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-2
25	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-2
26	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-2
27	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRONICOS,NANOMATERIALES DE CARBONO	Instituto de Investigaciones en Materiales	2	2018-2
28	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-1
29	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-1
30	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-1
31	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-1
32	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRÓNICOS NANOMATERIALES DE CARBONO	Instituto de Investigaciones en Materiales	1	2017-2
33	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2017-2
34	Maestría	TRABAJO DE INVESTIGACIÓN	Facultad de Química	1	2017-2
35	Maestría	TEMA SELECTO QUÍMICA DE NANOMATERIALES DE CARBONO	Facultad de Química	9	2017-2
36	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRONICOS-304493	Instituto de Investigaciones en Materiales	2	2017-1
37	Maestría	TEMA SELECTO-324457	Facultad de Química	8	2017-1
38	Maestría	TRABAJO DE INVESTIGACION-395502	Facultad de Química	1	2017-1
39	Maestría	TEMA SELECTO	Facultad de Química	2	2016-2

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40	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRONICOS	Instituto de Investigaciones en Materiales	1	2016-2
41	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRONICOS	Instituto de Investigaciones en Materiales	2	2015-1
42	Maestría	TEMA SELECTO	Facultad de Química	2	2015-1
43	Maestría	TEMA SELECTO	Facultad de Química	2	2014-2
44	Maestría	TEMAS SELECTOS	Facultad de Química	2	2014-1
45	Maestría	TEMA SELECTO	Facultad de Química	2	2014-1
46	Maestría	TEMAS SELECTOS	Centro de Ciencias Aplicadas y Desarrollo Tecnológico	1	2014-1
47	Maestría	TEMAS SELECTOS DE MATERIALES ELECTRONICOS	Instituto de Investigaciones en Materiales	2	2013-2
48	Maestría	SEMINARIO DE INVESTIGACION II	Centro de Ciencias Aplicadas y Desarrollo Tecnológico	1	2012-1
49	Maestría	SEMINARIO DE INVESTIGACION I	Centro de Ciencias Aplicadas y Desarrollo Tecnológico	1	2011-2
50	Licenciatura	TEM.SELEC.DE FISICA D MATERIAL I	Facultad de Ciencias	3	2009-1
51	Licenciatura	TEM.SELEC.DE FISICA D MATERIAL I	Facultad de Ciencias	3	2008-2



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PATENTES

#	Título	Inventores	Sección	Año
1	METODO PARA LA TRANSFORMACION GENETICA DE CELULAS DE PLANTAS EN SUSPENSION MEDIANTE ADN PLASMIDICO ACOPLADO A NONOTUBOS DE CARBONO FUNCIONALIZADOS CON AMINAS.	ELENA GOLOVATAYA DZHymbEEVA, TZVETANKA DIMITROVA DINKOVA, FLAVIO FERNANDO CONTRERAS TORRES,	CHEMISTRY; METALLURGYHUMAN NECESSITIESPERFORMING OPERATIONS; TRANSPORTING	2018

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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