NINA BOGDANCHIKOVA

Datos Generales

Nombre: NINA BOGDANCHIKOVA

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 26 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Centro de Nanociencias y Nanotecnología en la UNAM
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Estímulos, programas, premios y reconocimientos

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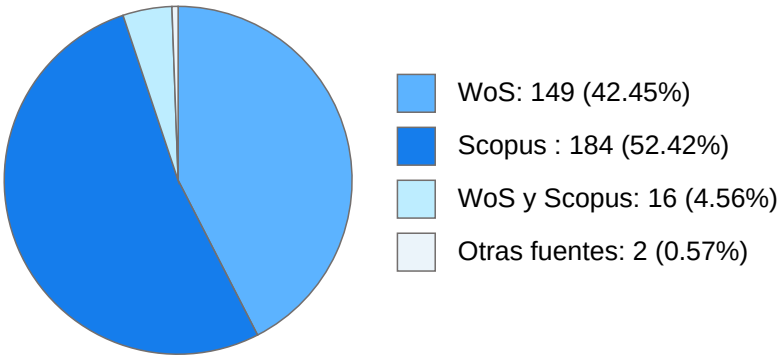
NINA BOGDANCHIKOVA

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Nanobiotechnology for efficient plum pox virus elimination from apricot plants	NINA BOGDANCHIKOVA Pérez-Caselles C. Alburquerque N. et al.	PLANT SCIENCE	2025
2	Potential Antibiotic Resurgence: Consecutive Silver Nanoparticle Applications Gradually Increase Bacterial Susceptibility to Antibiotics	NINA BOGDANCHIKOVA Maria Maklakova Luis Jesus Villarreal-Gomez et al.	Acs Omega	2025
3	Inhibition of Fusarium oxysporum growth in banana by silver nanoparticles: In vitro and in vivo assays	NINA BOGDANCHIKOVA Mendoza N.V. Yánez P. et al.	PLOS ONE	2025
4	Silver nanoparticles enhance neutron radiation sensitivity in cancer cells: An in vitro study	NINA BOGDANCHIKOVA Plotnikov E.V. Drozd A.G. et al.	NANOMEDICINE -NANOTECHNOLOGY BIOLOGY AND MEDICINE	2025
5	Nanoparticles Partially Restore Bacterial Susceptibility to Antibiotics	NINA BOGDANCHIKOVA Roberto Luna Vazquez-Gomez Ekaterina Nefedova et al.	Materials	2024
6	Growth of in vitro-regenerated plants of Gerbera jamesonii following micropropagation in temporary immersion bioreactors	NINA BOGDANCHIKOVA Osbel Mosqueda-Frometa Grisis M. Mosqueda-Rodriguez et al.	IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-PLANT	2024

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7	Role of Biofilm Formation in the Drop of Bacterial Resistance to Antibiotics after Animal Therapy with Silver Nanoparticles	NINA BOGDANCHIKOVA Maklakova M. Villarreal-Gómez L.J. et al.	Acs Applied Nano Materials	2024
8	Argovit? silver nanoparticles transform agro-waste into phenolic biofactories: Postharvest stress for high-value compound production in prickly pear peels	NINA BOGDANCHIKOVA Cabrera-Ramírez A.H. Manríquez-Medina M. et al.	LWT-FOOD SCIENCE AND TECHNOLOGY	2024
9	Protective Effect of Silver Nanoparticles Against Cytosine Arabinoside Genotoxicity: An In Vivo Micronucleus Assay	JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA Castañeda-Yslas I.Y. et al.	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	2024
10	Silver nanoparticles induce a non-immunogenic tumor cell death	NINA BOGDANCHIKOVA ANA GUADALUPE RODRIGUEZ HERNANDEZ Maritza Roxana Garcia Garcia et al.	JOURNAL OF IMMUNOTOXICOLOGY	2023
11	Solution of the Drug Resistance Problem of Escherichia coli with Silver Nanoparticles: Efflux Effect and Susceptibility to 31 Antibiotics	NINA BOGDANCHIKOVA Nefedova E. Shkil N.N. et al.	NANOMATERIALS	2023
12	Evaluation of strategies to incorporate silver nanoparticles into electrospun microfibers for the preparation of wound dressings and their antimicrobial activity	NINA BOGDANCHIKOVA Mendoza Villicana A. Gochi Ponce Y. et al.	Polymer-Plastics Technology and Materials	2023
13	A Comparative Study of Cancer Cells Susceptibility to Silver Nanoparticles Produced by Electron Beam	ANA GUADALUPE RODRIGUEZ HERNANDEZ YANIS TOLEDANO MAGAÑA NINA BOGDANCHIKOVA et al.	Pharmaceutics	2023
14	Are silver nanoparticles the ``silver bullet'' to promote diterpene production in Stevia rebaudiana?	JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA Ivan Andujar et al.	PLANT CELL TISSUE AND ORGAN CULTURE	2023
15	The Effect of Silver Nanoparticle Addition on Micropropagation of Apricot Cultivars (Prunus armeniaca L.) in Semisolid and Liquid Media	NINA BOGDANCHIKOVA Pérez-Caselles C. Burgos L. et al.	PLANTS-BASEL	2023
16	Revealing the Second and the Third Causes of AgNPs Property to Restore the Bacterial Susceptibility to Antibiotics	NINA BOGDANCHIKOVA Maklakova M. Villarreal-Gómez L.J. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2023

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17	Argovit mediates a hormetic response in biochemical indicators in Gerbera jamesonii	NINA BOGDANCHIKOVA Mosqueda-Frómeta O. Bello-Bello J. et al.	IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-PLANT	2023
18	Strategies applied to modify structured and smooth surfaces: A step closer to reduce bacterial adhesion and biofilm formation	NINA BOGDANCHIKOVA JOSE FEDERICO HERNANDEZ SANCHEZ Uneputty A. et al.	COLLOID AND INTERFACE SCIENCE COMMUNICATIONS	2022
19	Search for Effective Approaches to Fight Microorganisms Causing High Losses in Agriculture: Application of P. lilacinum Metabolites and Mycosynthesised Silver Nanoparticles	NINA BOGDANCHIKOVA Khan M. Khan A.U. et al.	Biomolecules	2022
20	Bell Shape Curves of Hemolysis Induced by Silver Nanoparticles: Review and Experimental Assay	NINA BOGDANCHIKOVA Luna-Vázquez-gómez R. Arellano-García M.E. et al.	NANOMATERIALS	2022
21	AgNPs Targeting the Drug Resistance Problem of Staphylococcus aureus: Susceptibility to Antibiotics and Efflux Effect	NINA BOGDANCHIKOVA Nefedova E. Shkil N. et al.	Pharmaceutics	2022
22	Hypothetical Mechanism of Skin Argyria	NINA BOGDANCHIKOVA Vasily Burmistrov Alexander Burmistrov et al.	Coatings	2022
23	Silver Nanoparticles Targeting the Drug Resistance Problem of Streptococcus dysgalactiae: Susceptibility to Antibiotics and Efflux Effect	NINA BOGDANCHIKOVA Ruiz D.G. Nefedova E. et al.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	2022
24	Liquid-phase oxidation of betulin over supported Ag NPs catalysts: Kinetic regularities, catalyst deactivation and reactivation	NINA BOGDANCHIKOVA A. Pestryakov A. Grigoreva et al.	Molecular Catalysis	2022
25	The Effect of Sibunit Carbon Surface Modification with Diazonium Tosylate Salts of Pd and Pd-Au Catalysts on Furfural Hydrogenation	NINA BOGDANCHIKOVA Dmitrii German Ekaterina Kolobova et al.	Materials	2022
26	How to Get More Silver? Culture Media Adjustment Targeting Surge of Silver Nanoparticle Penetration in Apricot Tissue during in Vitro Micropropagation	NINA BOGDANCHIKOVA JUAN CARLOS GARCIA RAMOS ANA GUADALUPE RODRIGUEZ HERNANDEZ et al.	Horticulturae	2022

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27	Evaluation of the Efficacy and Safety of Silver Nanoparticles in the Treatment of Non-Neurological and Neurological Distemper in Dogs: A Randomized Clinical Trial	NINA BOGDANCHIKOVA Gastelum-Leyva F. Pena-Jasso A. et al.	Viruses-Basel	2022
28	Ni, Co and Ni-Co-Modified Tungsten Carbides Obtained by an Electric Arc Method as Dry Reforming Catalysts	NINA BOGDANCHIKOVA Bolatova Z. German D. et al.	CATALYSTS	2022
29	Chronic toxicity of shrimp feed added with silver nanoparticles (Argovit-4r) in Litopenaeus vannamei and immune response to white spot syndrome virus infection	NINA BOGDANCHIKOVA Romo Quiñonez C.R. Alvarez-Ruiz P. et al.	PEERJ	2022
30	Supported silver nanoparticles as catalysts for liquid-phase betulin oxidation	NINA BOGDANCHIKOVA Grigoreva A. Kolobova E. et al.	NANOMATERIALS	2021
31	Nanostructured silica-supported gold: Effect of nanoparticle size distribution and electronic state on its catalytic properties in oxidation reactions	YULIA KOTOLEVICH OXANA MARTYNYUK JUAN CARLOS GARCIA RAMOS et al.	CATALYSIS TODAY	2021
32	Application of silver nanoparticles to reduce bacterial growth on leather for footwear manufacturing	MARITZA ROXANA GARCIA GARCIA NINA BOGDANCHIKOVA Maldonado-Vega M. et al.	Journal Of Applied Research And Technology	2021
33	Regeneration of Pinus halepensis (mill.) through organogenesis from apical shoot buds	NINA BOGDANCHIKOVA Pereira C. Montalbán I.A. et al.	Forests	2021
34	Antibacterial and Antifungal Studies of Biosynthesized Silver Nanoparticles against Plant Parasitic Nematode Meloidogyne incognita, Plant Pathogens Ralstonia solanacearum and Fusarium oxysporum	NINA BOGDANCHIKOVA Khan M. Khan A.U. et al.	Molecules	2021
35	Hemolysis of human erythrocytes by argovit? agnps from healthy and diabetic donors: An in vitro study	JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA Luna-Vázquez-gómez R. et al.	Materials	2021
36	Effect of the Metal Deposition Order on Structural, Electronic and Catalytic Properties of TiO2-Supported Bimetallic Au-Ag Catalysts in 1-Octanol Selective Oxidation	YULIA KOTOLEVICH MARIO HUMBERTO FARIAS SANCHEZ NINA BOGDANCHIKOVA et al.	CATALYSTS	2021

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37	Antitumor activity against human colorectal adenocarcinoma of silver nanoparticles: Influence of [ag]/[pvp] ratio	JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA YANIS TOLEDANO MAGAÑA et al.	Pharmaceutics	2021
38	AgNPs Argovit (TM) Modulates Cyclophosphamide-Induced Genotoxicity on Peripheral Blood Erythrocytes In Vivo	JUAN CARLOS GARCIA RAMOS YANIS TOLEDANO MAGAÑA NINA BOGDANCHIKOVA et al.	NANOMATERIALS	2021
39	Antimicrobial Effect of Electrospun Nanofibers Loaded with Silver Nanoparticles: Influence of Ag Incorporation Method	NINA BOGDANCHIKOVA YANIS TOLEDANO MAGAÑA Luis Jesus Villarreal-Gomez et al.	JOURNAL OF NANOMATERIALS	2021
40	Evaluation of silver nanoparticles for the prevention of SARS-CoV-2 infection in health workers: In vitro and in vivo	NINA BOGDANCHIKOVA Almanza-Reyes H. Moreno S. et al.	PLOS ONE	2021
41	The Infectious Bronchitis Coronavirus Pneumonia Model Presenting a Novel Insight for the SARS-CoV-2 Dissemination Route	NINA BOGDANCHIKOVA YANIS TOLEDANO MAGAÑA Nefedova E. et al.	Veterinary Sciences	2021
42	Treatment with argovit® silver nanoparticles induces differentiated postharvest biosynthesis of compounds with pharmaceutical interest in carrot (Daucus carota l.)	NINA BOGDANCHIKOVA Santoscoy-Berber L.S. Antunes-Ricardo M. et al.	NANOMATERIALS	2021
43	Catalytic oxidative transformation of betulin to its valuable oxo-derivatives over gold supported catalysts: Effect of support nature	NINA BOGDANCHIKOVA Kolobova E. Mäki-Arvela P. et al.	CATALYSIS TODAY	2021
44	Silver nanoparticles induce histopathological alterations in juvenile Penaeus vannamei	NINA BOGDANCHIKOVA Chávez-Sánchez M.-C. Abad-Rosales S. et al.	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	2021
45	Oxidation of 5-Hydroxymethylfurfural on Supported Ag, Au, Pd and Bimetallic Pd-Au Catalysts: Effect of the Support	NINA BOGDANCHIKOVA Dmitrii German Ekaterina Pakrieva et al.	CATALYSTS	2021
46	New protein-coated silver nanoparticles: Characterization, antitumor and amoebicidal activity, antiproliferative selectivity, genotoxicity, and biocompatibility evaluation	MARIO NEQUIZ AVENDAÑO NINA BOGDANCHIKOVA Valenzuela-Salas L.M. et al.	Pharmaceutics	2021

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47	Nanosilver gel as an endodontic alternative against Enterococcus faecalis in an in vitro root canal system in Mexican dental specimens	JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA Balvir M. Marin-Correa et al.	NEW MICROBIOLOGICA	2020
48	Glycerol oxidation over supported gold catalysts: The combined effect of au particle size and basicity of support	NINA BOGDANCHIKOVA Pakrieva E. Kolobova E. et al.	Processes	2020
49	Preparation and characterization of electrospun fibrous scaffolds of either PVA or PVP for fast release of sildenafil citrate	RICARDO VERA GRAZIANO NINA BOGDANCHIKOVA AMELIA OLIVAS SARABIA et al.	E-Polymers	2020
50	Beyond the Nanomaterials Approach: Influence of Culture Conditions on the Stability and Antimicrobial Activity of Silver Nanoparticles	ROBERTO VAZQUEZ MUÑOZ NINA BOGDANCHIKOVA ALEJANDRO HUERTA SAQUERO	Acs Omega	2020
51	Argovit (TM) silver nanoparticles reduce contamination levels and improve morphological growth in the in vitro culture of Psidium friedrichsthalianum (O. Berg) Nied.	JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA Ivan Andujar et al.	Sn Applied Sciences	2020
52	Lethal effects of silver nanoparticles on Perkinsus marinus, a protozoan oyster parasite	NINA BOGDANCHIKOVA Bravo-Guerra C. Cáceres-Martínez J. et al.	JOURNAL OF INVERTEBRATE PATHOLOGY	2020
53	Silver nanoparticles are lethal to the ciliate model Tetrahymena and safe to the pike silverside Chirostoma estor	LUCIANA RAGGI HOYOS NINA BOGDANCHIKOVA Fuentes-Valencia M.A. et al.	EXPERIMENTAL PARASITOLOGY	2020
54	Supported gold nanoparticles as catalysts in peroxidative and aerobic oxidation of 1-phenylethanol under mild conditions	NINA BOGDANCHIKOVA Pakrieva E. Ribeiro A.P.C. et al.	NANOMATERIALS	2020
55	Argovit? silver nanoparticles to fight Huanglongbing disease in Mexican limes (: Citrus aurantifolia Swingle)	YANIS TOLEDANO MAGAÑA ISRAEL GRADILLA MARTINEZ JUAN CARLOS GARCIA RAMOS et al.	RSC ADVANCES	2020
56	Evaluation of a new Argovit as an antiviral agent included in feed to protect the shrimp Litopenaeus vannamei against White Spot Syndrome Virus infection	NINA BOGDANCHIKOVA Carlos R. Romo-Quinonez Ana R. Alvarez-Sanchez et al.	PEERJ	2020
57	SILVER NANOPARTICLES AFFECT THE MICROPROPAGATION OF VANILLA (Vanilla planifolia Jacks. ex Andrews)	NINA BOGDANCHIKOVA Miriam C. Pastelin-Solano Marco A. Ramirez-Mosqueda et al.	Agrociencia	2020

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58	Effect of gold electronic state on the catalytic performance of nano gold catalysts in n-octanol oxidation	TRINO ARMANDO ZEPEDA PARTIDA HUGO JESUS TIZNADO VAZQUEZ MARIO HUMBERTO FARIAS SANCHEZ et al.	NANOMATERIALS	2020
59	Electrospun fibers and sorbents as a possible basis for effective composite wound dressings	NINA BOGDANCHIKOVA KARLA OYUKY JUAREZ MORENO ELENA SMOLENTSEVA et al.	MICROMACHINES	2020
60	Cytokinesis-Block Micronucleus Assay Using Human Lymphocytes as a Sensitive Tool for Cytotoxicity/Genotoxicity Evaluation of AgNPs	YANIS TOLEDANO MAGAÑA JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA et al.	Acs Omega	2020
61	Argovit (TM) Silver Nanoparticles Effects onAllium cepa: Plant Growth Promotion without Cyto Genotoxic Damage	JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA Francisco Casillas-Figueroa et al.	NANOMATERIALS	2020
62	Selective antifungal activity of silver nanoparticles: A comparative study between Candida tropicalis and Saccharomyces boulardii	MIGUEL AVALOS BORJA NINA BOGDANCHIKOVA Jesus D. Guerra et al.	COLLOID AND INTERFACE SCIENCE COMMUNICATIONS	2020
63	Oxidation of a wood extractive betulin to biologically active oxo-derivatives using supported gold catalysts	NINA BOGDANCHIKOVA Kolobova E.N. Pakrieva E.G. et al.	GREEN CHEMISTRY	2019
64	Silver nanoparticles enhance survival of white spot syndrome virus infected Penaeus vannamei shrimps by activation of its immunological system	JUAN CARLOS GARCIA RAMOS YANIS TOLEDANO MAGAÑA NINA BOGDANCHIKOVA et al.	FISH & SHELLFISH IMMUNOLOGY	2019
65	Green Oxidation of n-octanol on Supported Nanogold Catalysts: Formation of Gold Active Sites under Combined Effect of Gold Content, Additive Nature and Redox Pretreatment	NINA BOGDANCHIKOVA MARIO HUMBERTO FARIAS SANCHEZ Pakrieva E. et al.	Chemcatchem	2019
66	Toxicity of silver nanoparticles in mouse bone marrow-derived dendritic cells: Implications for phenotype	MARITZA ROXANA GARCIA GARCIA GABRIELA PIÑON ZARATE MARCELA ROJAS LEMUS et al.	JOURNAL OF IMMUNOTOXICOLOGY	2019
67	Efficacy of silver nanoparticles against the adults and eggs of monogenean parasites of fish	NINA BOGDANCHIKOVA Pimentel-Acosta C.A. Morales-Serna F.N. et al.	PARASITOLOGY RESEARCH	2019
68	Silver catalysts for liquid-phase oxidation of alcohols in green chemistry: Challenges and outlook	NINA BOGDANCHIKOVA Kolobova ?.N. Pestryakov ?.N. et al.	CATALYSIS TODAY	2019

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69	Selective oxidation of n-octanol on unmodified and La-modified nanogold catalysts: Effect of metal content	NINA BOGDANCHIKOVA MARIO HUMBERTO FARIAS SANCHEZ Kolobova E. et al.	CATALYSIS TODAY	2019
70	Antiproliferative and Antitumour Effect of Nongenotoxic Silver Nanoparticles on Melanoma Models	JUAN CARLOS GARCIA RAMOS YANIS TOLEDANO MAGAÑA NINA BOGDANCHIKOVA et al.	OXIDATIVE MEDICINE AND CELLULAR LONGEVITY	2019
71	Enhancement of antibiotics antimicrobial activity due to the silver nanoparticles impact on the cell membrane	ROBERTO VAZQUEZ MUÑOZ ANAID MEZA VILLEZCAS ELIZABETH SORIA CASTRO et al.	PLOS ONE	2019
72	Novel route of synthesis of ultra-small Au nanoparticles on SiO 2 supports	HUGO JESUS TIZNADO VAZQUEZ MIGUEL AVALOS BORJA NINA BOGDANCHIKOVA et al.	Fuel	2019
73	Cytotoxic, genotoxic, and polymorphism effects on Vanilla planifolia jacks ex andrews after long-term exposure to argovit® silver nanoparticles	YANIS TOLEDANO MAGAÑA JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA et al.	NANOMATERIALS	2018
74	Silver nanoparticles effects on dendritic cells: toxicity and phenotypic implications	GABRIELA PIÑON ZARATE MARCELA ROJAS LEMUS KATIA JARQUIN YAÑEZ et al.	EUROPEAN JOURNAL OF IMMUNOLOGY	2018
75	Amorphization of Degussa nanosized TiO2 caused by its modification	JUAN CARLOS GARCIA RAMOS NINA BOGDANCHIKOVA Khramov E. et al.	Fuel	2018
76	Modified Ag/TiO2 systems: Promising catalysts for liquid-phase oxidation of alcohols	MARIO HUMBERTO FARIAS SANCHEZ NINA BOGDANCHIKOVA Kolobova E. et al.	Fuel	2018
77	More Insights into Support and Preparation Method Effects in Gold Catalyzed Glycerol Oxidation	NINA BOGDANCHIKOVA MARIO HUMBERTO FARIAS SANCHEZ Tuzovskaya, Inga et al.	CURRENT ORGANIC SYNTHESIS	2017
78	Antimicrobial and hormetic effects of silver nanoparticles on in vitro regeneration of vanilla (Vanilla planifolia Jacks. ex Andrews) using a temporary immersion system	NINA BOGDANCHIKOVA Spinoso-Castillo, J. L. Chavez-Santoscoy, R. A. et al.	PLANT CELL TISSUE AND ORGAN CULTURE	2017
79	Nonaqueous Synthesis of Macroporous Nanocomposites Using High Internal Phase Emulsion Stabilized by Nanohydroxyapatite	NINA BOGDANCHIKOVA MARIA CRISTINA VELASQUILLO MARTINEZ JOSUE DAVID MOTA MORALES et al.	ADVANCED MATERIALS INTERFACES	2017
80	Toxicity of silver nanoparticles in biological systems: Does the complexity of biological systems matter?	NINA BOGDANCHIKOVA ALEJANDRO HUERTA SAQUERO JOSUE DAVID MOTA MORALES et al.	TOXICOLOGY LETTERS	2017
81	n-Octanol oxidation on Au/TiO2 catalysts promoted with La and Ce oxides	MARIO HUMBERTO FARIAS SANCHEZ HUGO JESUS TIZNADO VAZQUEZ A. Pestryakov et al.	Molecular Catalysis	2017

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82	Effect of silver nanoparticles on the metabolic rate, hematological response, and survival of juvenile white shrimp Litopenaeus vannamei	KARLA OYUKY JUAREZ MORENO NINA BOGDANCHIKOVA JOSUE DAVID MOTA MORALES et al.	Chemosphere	2017
83	Gold and Silver Catalysts for Liquid Phase n-Octanol Oxidation:Effect of Promoters	NINA BOGDANCHIKOVA RODOLFO ZANELLA SPECIA Kotolevich, Yulia et al.	CURRENT ORGANIC SYNTHESIS	2017
84	Low-temperature CO oxidation on Ag/ZSM-5 catalysts: Influence of Si/Al ratio and redox pretreatments on formation of silver active sites	NINA BOGDANCHIKOVA MARIO HUMBERTO FARIAS SANCHEZ Kolobova, E. et al.	Fuel	2017
85	Hormetic response by silver nanoparticles on in vitro multiplication of sugarcane (Saccharum spp. Cv. Mex 69-290) using a temporary immersion system	NINA BOGDANCHIKOVA Bello-Bello J.J. Chavez-Santoscoy R.A. et al.	Dose-Response	2017
86	Deep-Eutectic Solvents as MWCNT Delivery Vehicles in the Synthesis of Functional Poly(HIPE) Nanocomposites for Applications as Selective Sorbents	NINA BOGDANCHIKOVA JOSUE DAVID MOTA MORALES Carranza, Arturo et al.	ACS APPLIED MATERIALS & INTERFACES	2016
87	Au/TiO2 catalysts promoted with Fe and Mg for n-octanol oxidation under mild conditions	HUGO JESUS TIZNADO VAZQUEZ MARIO HUMBERTO FARIAS SANCHEZ NINA BOGDANCHIKOVA et al.	CATALYSIS TODAY	2016
88	Solvent-free one-step covalent functionalization of graphene oxide and nanodiamond with amines	VICTOR HUGO MEZA LAGUNA RAFAEL IVAN PUENTE LEE MARIO HUMBERTO FARIAS SANCHEZ et al.	RSC ADVANCES	2016
89	Toxicity of silver nanoparticles in biological systems: Does the complexity of biological systems matter?	NINA BOGDANCHIKOVA ALEJANDRO HUERTA SAQUERO JOSUE DAVID MOTA MORALES et al.	TOXICOLOGY LETTERS	2016
90	Silver nanoparticles synthesized by laser ablation confined in urea choline chloride deep-eutectic solvent	ROBERTO MACHORRO MEJIA NINA BOGDANCHIKOVA JOSUE DAVID MOTA MORALES et al.	COLLOID AND INTERFACE SCIENCE COMMUNICATIONS	2016
91	Silver nanoparticles composition for treatment of distemper in dogs	NINA BOGDANCHIKOVA ROBERTO VAZQUEZ MUÑOZ ALEJANDRO HUERTA SAQUERO et al.	INTERNATIONAL JOURNAL OF NANOTECHNOLOGY	2016
92	Causes of activation and deactivation of modified nanogold catalysts during prolonged storage and redox treatments	MARIO HUMBERTO FARIAS SANCHEZ NINA BOGDANCHIKOVA Kolobova, Ekaterina et al.	Molecules	2016

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93	Identification of subnanometric ag species, their interaction with supports and role in catalytic co oxidation	MARIO HUMBERTO FARIAS SANCHEZ RODOLFO ZANELLA SPECIA JOSUE DAVID MOTA MORALES et al.	Molecules	2016
94	On the high sensitivity of the electronic states of1 nm gold particles to pretreatments and modifiers	HUGO JESUS TIZNADO VAZQUEZ TRINO ARMANDO ZEPEDA PARTIDA JOSUE DAVID MOTA MORALES et al.	Molecules	2016
95	Sophisticated and Spontaneous Template-Free Organization of Silica Nanoparticles during Storage	NINA BOGDANCHIKOVA FRANCISCO RUIZ MEDINA ALEJANDRO HUERTA SAQUERO et al.	Nano	2016
96	Potential application of silver nanoparticles to control the infectivity of Rift Valley fever virus in vitro and in vivo	JOSUE DAVID MOTA MORALES NINA BOGDANCHIKOVA Borrego, Belen et al.	NANOMEDICINE -NANOTECHNOLOGY BIOLOGY AND MEDICINE	2016
97	Gold supported on metal oxides for volatile organic compounds total oxidation	NINA BOGDANCHIKOVA MIGUEL AVALOS BORJA Carabineiro S.A.C. et al.	CATALYSIS TODAY	2015
98	Temperature-induced Au nanostructure synthesis in a nonaqueous deep-eutectic solvent for high performance electrocatalysis	NINA BOGDANCHIKOVA JOSUE DAVID MOTA MORALES Kumar-Krishnan S. et al.	JOURNAL OF MATERIALS CHEMISTRY A	2015
99	Nanostructures constituted by unusually small silica nanoparticles modified with metal oxides as support for ultra-small gold nanoparticles	Oxana Martynyuk Yulia Kotolevich NINA BOGDANCHIKOVA et al.	COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS	2015
100	Selective oxidation of 1-octanol over gold supported on mesoporous metal-modified HMS: The effect of the support	OLEKSANDR MARTYNYUK NINA BOGDANCHIKOVA Martinez-Gonzalez, S. et al.	CATALYSIS TODAY	2014
101	Formation of silver active states in Ag/ZSM-5 catalysts for CO oxidation	Y. Kotolevich OLEKSANDR MARTYNYUK H. J. Tiznado Vazquez et al.	Fuel	2014
102	The influence of the peptide molar ratios on the functionalization of gold nanoparticles	NINA BOGDANCHIKOVA Ramirez-Camacho M.C. Tuzovskaya I. et al.	Advanced Materials Research	2014
103	Stability of gold nanoparticles functionalized with aminoacids	NINA BOGDANCHIKOVA Ramirez-Camacho M.C. Tusovskaya I. et al.	Advanced Materials Research	2014
104	Effect of redox treatments on activation and deactivation of gold nanospecies supported on mesoporous silica in CO oxidation	NINA BOGDANCHIKOVA TRINO ARMANDO ZEPEDA PARTIDA MARIO HUMBERTO FARIAS SANCHEZ et al.	Fuel	2013

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105	Active states of gold in small and big metal particles in CO and methanol selective oxidation	NINA BOGDANCHIKOVA ELENA SMOLENTSEVA Pestryakov, A. N. et al.	Fuel	2013
106	Aerobic oxidative esterification of benzyl alcohol on gold nanoparticles on Fe-, Ti- and Ce-modified haxagonal mesoporous silica	NINA BOGDANCHIKOVA	Abstracts Of Papers Of The American Chemical Society	2012
107	Nanostructured iron oxide catalysts with gold for the oxidation of carbon monoxide	NINA BOGDANCHIKOVA Carabineiro, Sonia A. C. Tavares, Pedro B. et al.	RSC ADVANCES	2012
108	Study of electronic state of supported gold nanospecies by IR spectroscopy	NINA BOGDANCHIKOVA HUGO JESUS TIZNADO VAZQUEZ TRINO ARMANDO ZEPEDA PARTIDA et al.	Proceedings - 2012 7th International Forum On Strategic Technology, Ifost 2012	2012
109	Formation of active surface of copper catalysts in methanol oxidation	NINA BOGDANCHIKOVA VITALI PETRANOVSKI AFANASIEVNA Pestryakov A. et al.	Proceedings - 2012 7th International Forum On Strategic Technology, Ifost 2012	2012
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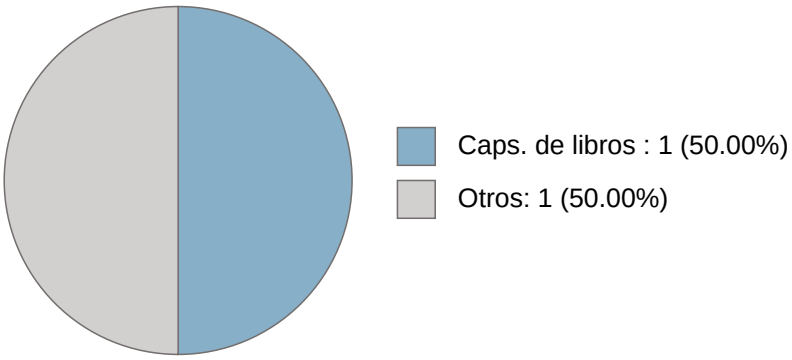

#	Título	Autores	Alcance	Año	ISBN
1	Iron Oxide Materials for Photo-Fenton Conversion of Water Pollutants	NINA BOGDANCHIKOVA Carabineiro S.A.C. Silva A.M.T. et al.	Capítulo de un Libro	2014	9781118939314
2	Formation and stabilization of gold clusters and nanoparticles in mordenites	NINA BOGDANCHIKOVA MIGUEL AVALOS BORJA MARIO HUMBERTO FARIAS SANCHEZ et al.	Conferenc e Paper	2010	9781439834015

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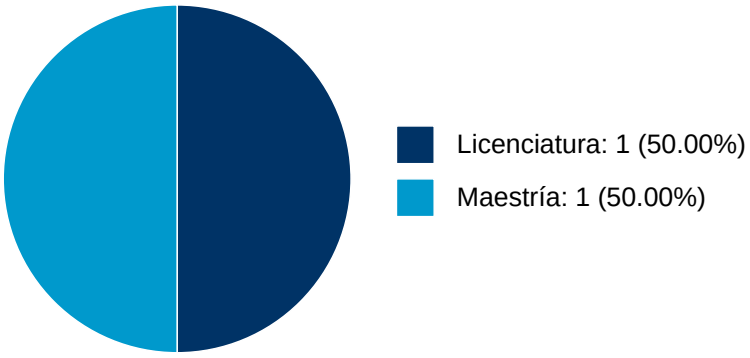

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1	Efecto de la concentración del ión cloruro en la síntesis de nanopartículas de oro en forma de estrella en un medio no acuoso	Tesis de Licenciatura	NINA BOGDANCHIKOVA,	Varela Rosales, Nydia Roxana,	Centro de Nanociencias y Nanotecnología en la UNAM,	2017
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DOCENCIA IMPARTIDA

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PATENTES

#	Título	Inventores	Sección	Año
1	COMPOSICIÓN VETERINARIA PARA TRATAMIENTO DEL DISTEMPER.	NINA BOGDANCHIKOVA,	HUMAN NECESSITIES	2019
2	COMPOSICION FARMACEUTICA DE NANOPARTICULAS DE PLATA Y USO DE LA MISMA EN EL TRATAMIENTO DE CANCER SIN EFECTOS GENOTOXICOS.	ANDRES ELIU CASTELL RODRIGUEZ, MARITZA ROXANA GARCIA GARCIA, NINA BOGDANCHIKOVA, et al.	HUMAN NECESSITIES	2022

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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
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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