MIKHAIL ZOLOTUKHIN

Datos Generales

Nombre: MIKHAIL ZOLOTUKHIN

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 20 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
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Estímulos, programas, premios y reconocimientos

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SNI II - 2014
PRIDE D 2012 - 2024
PRIDE C 2012
PRIDE Fijo 2010 - 2012
PRIDE D - 2009

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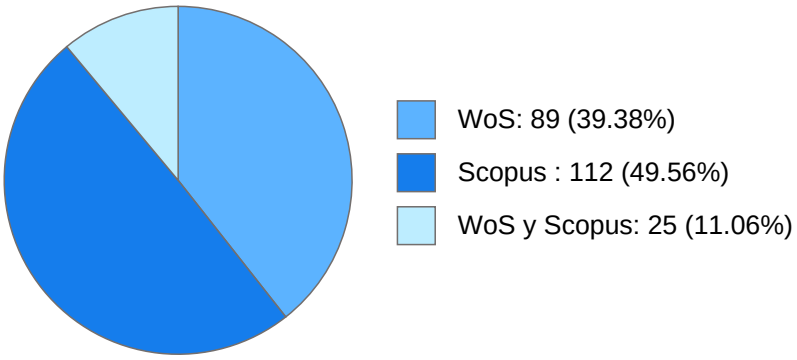
DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Carbon Molecular Sieve Membranes from Multiring Highly Aromatic Functional Copolymers	MIKHAIL ZOLOTUKHIN Ortiz-Espinoza J. Loría-Bastarrachea M.I. et al.	Acs Applied Polymer Materials	2024
2	Room temperature synthesis, characterization and enhanced gas transport properties of novel poly(oxindolylidene arylene)s with dibenzothiophene, dibenzothiophene-S-oxide and dibenzothiophene-S,S-dioxide fragments in the main chain	EDUARDO VIVALDO LIMA RICARDO VERA GRAZIANO MIKHAIL ZOLOTUKHIN et al.	SEPARATION AND PURIFICATION TECHNOLOGY	2024
3	Carbon Molecular Sieve Membranes from Poly(oxo-biphenylene-isatin) with Increasingly Bulky Fluorine Substitution: Characterization and Gas Transport Properties	MIKHAIL ZOLOTUKHIN Jesus Ortiz-Espinoza Enoc Cetina-Mancilla et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2024
4	Room temperature, simple and efficient synthesis and functionalization of aromatic poly(arylene sulfide)s, poly(arylene sulfoxide)s and poly (arylene sulfone)s	MIKHAIL ZOLOTUKHIN EDUARDO VIVALDO LIMA Cetina-Mancilla E. et al.	EUROPEAN POLYMER JOURNAL	2023

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5	Non-stoichiometric effect in the superacid-catalyzed polyhydroxyalkylation of biphenyl and 1-propyl isatin	JUAN ENRIQUE ROMERO HERNANDEZ SALVADOR LOPEZ MORALES GERARDO CEDILLO VALVERDE et al.	HIGH PERFORMANCE POLYMERS	2023
6	Molecular weight development in the superacid-catalyzed polyhydroxyalkylation of 1-propylisatin and biphenyl at stoichiometric conditions	JUAN ENRIQUE ROMERO HERNANDEZ SALVADOR LOPEZ MORALES GERARDO CEDILLO VALVERDE et al.	Polymer	2022
7	9-Trifluoromethylxanthenediols: Synthesis and Supramolecular Motifs	VICTOR MANUEL RODRIGUEZ MOLINA RICARDO JORGE CARDENAS PEREZ LILIAN IRAIS OLVERA GARZA et al.	Acs Omega	2022
8	Aging resistant, fluorinated aromatic polymers with ladderized, rigid kink-structured backbones for gas separations	MIKHAIL ZOLOTUKHIN Cetina-Mancilla E. González-Díaz M.O. et al.	JOURNAL OF MEMBRANE SCIENCE	2022
9	Multifunctional polymer-assisted spontaneous transformation of thin gold films into nanoparticles	OLIVIA HERNANDEZ CRUZ JOSE GONZALO GONZALEZ REYES LAZARO HUERTA ARCOS et al.	REACTIVE & FUNCTIONAL POLYMERS	2021
10	Synthesis, characterization and evaluation of optical band gap of new semiconductor polymers with N-aryl-2,5-diphenyl-pyrrole units	LIOUDMILA FOMINA LARISSA ALEXANDROVA RUBEN LUIS GAVIÑO RAMIREZ et al.	JOURNAL OF MOLECULAR STRUCTURE	2021
11	One-Step, Room Temperature Synthesis of Well-Defined, Organo-Soluble Multifunctional Aromatic Polyimides	LILIAN IRAIS OLVERA GARZA MIKHAIL ZOLOTUKHIN Sandra L. Aristizabal et al.	Macromolecules	2021
12	Structurally simple OLEDs based on a new fluorinated poly(oxindolylidenearylene)	JOSE LUIS MALDONADO RIVERA MIKHAIL ZOLOTUKHIN L. A. Lozano-Hernandez et al.	DYES AND PIGMENTS	2020
13	Novel fluorinated aromatic polymers with ether-bond-free aryl backbones for pure and mixed gas separation	MIKHAIL ZOLOTUKHIN RICARDO JORGE CARDENAS PEREZ González-Díaz M.O. et al.	JOURNAL OF MEMBRANE SCIENCE	2020
14	Processable N-Substituted Polybenzimidazole; Direct Synthesis	Jessica Olvera Mancilla CARLA DINORAH AGUILAR LUGO CESAR AUGUSTO FERNANDEZ GIJON et al.	Chemistryselect	2020
15	Analysis of the Competition between Cyclization and Linear Chain Growth in Kinetically Controlled A2 + B2 Step-Growth Polymerizations Using Modeling Tools	JUAN ENRIQUE ROMERO HERNANDEZ Alfredo Cruz Rosado EDUARDO VIVALDO LIMA et al.	MACROMOLECULAR THEORY AND SIMULATIONS	2020

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16	Well-defined, linear, wholly aromatic polymers with controlled content and position of pyridine moieties in macromolecules from one-pot, room temperature, metal-free step-polymerizations	JORGE BALMASEDA ERA EDUARDO VIVALDO LIMA MIKHAIL ZOLOTUKHIN et al.	POLYMER CHEMISTRY	2020
17	Development of polystyrene composites based on blue agave bagasse by in situ RAFT polymerization	ALBERTO ROSAS ABURTO EDUARDO VIVALDO LIMA GEMA SUSANA CANO DIAZ et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2019
18	PDXINAR Membrane Family for Gas Separation	MIKHAIL ZOLOTUKHIN RICARDO JORGE CARDENAS PEREZ Enoc Cetina Mancilla et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2019
19	OLEDs fabricated by solution process based on a novel linear poly(arylene oxindole)	OLIVIA HERNANDEZ CRUZ MIKHAIL ZOLOTUKHIN Lozano-Hernández L.A. et al.	Proceedings of SPIE	2018
20	Simultaneous Thermal Cross-Linking and Decomposition of Side Groups to Mitigate Physical Aging in Poly(oxyindole biphenylylene) Gas Separation Membranes	MIKHAIL ZOLOTUKHIN Hernández-Martínez H. Ruiz-Treviño F.A. et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2018
21	Enhanced Gas Transport Performance of Polyamide Membranes by Postpolymerization Modification	MIKHAIL ZOLOTUKHIN Gonzalez-Diaz M.O. Sulub-Sulub R. et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2018
22	Gas Transport Properties in Cross-Linked and Vacuum Annealed Poly(oxyindole biphenylylene) Membranes	MIKHAIL ZOLOTUKHIN Jesus Ortiz-Espinoza F. Alberto Ruiz-Trevino et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2018
23	Porous polymeric membranes with thermal and solvent resistance	MIKHAIL ZOLOTUKHIN Pulido, B.A. Waldron, C. et al.	JOURNAL OF MEMBRANE SCIENCE	2017
24	Modeling of Superacid Catalyzed Step-Growth Polymerization of Isatin and Biphenyl or Terphenyl Monomers	JUAN ENRIQUE ROMERO HERNANDEZ MIKHAIL ZOLOTUKHIN EDUARDO VIVALDO LIMA et al.	MACROMOLECULAR THEORY AND SIMULATIONS	2017
25	A Highly Soluble, Fully Aromatic Fluorinated 3D Nanostructured Ladder Polymer	MIKHAIL ZOLOTUKHIN SERGUEI FOMINE RICARDO JORGE CARDENAS PEREZ et al.	Macromolecules	2017
26	Gas transport properties of novel aromatic poly- and copolyamides bearing bulky functional groups	MIKHAIL ZOLOTUKHIN Luis Santiago-Garcia, Jose Manuel Perez-Francisco, Jose et al.	JOURNAL OF MEMBRANE SCIENCE	2017

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27	Microporous polymers from superacid catalyzed polymerizations of fluoroketones with p-quaterphenyl: Synthesis, characterization, and gas sorption properties	JORGE BALMASEDA ERA MIKHAIL ZOLOTUKHIN MARIA DEL PILAR CARREON CASTRO et al.	Polymer	2016
28	Spontaneous, Solvent-Free, Polymer-Templated, Solid-Solid Transformation of Thin Metal Films into Nanoparticles	OLIVIA HERNANDEZ CRUZ MIKHAIL ZOLOTUKHIN BETSABEE MAREL MONROY PELAEZ et al.	NANO LETTERS	2016
29	Gas Permeability and Selectivity in Thermally Modified Poly(oxyindole biphenylylene) Membranes Bearing a tert-Butyl Carbonate Group	MIKHAIL ZOLOTUKHIN Sanchez-Garcia, Suzanne Alberto Ruiz-Trevino, F. et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2016
30	Performance and stability of PTB7:PC71BM based polymer solar cells, with ECZ and/or PVK dopants, under the application of an external electric field	ENRIQUE PEREZ GUTIERREZ MIKHAIL ZOLOTUKHIN Alvarez-Fernandez, Armando et al.	JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS	2016
31	Light Emission Properties of a Cross-Conjugated Fluorene Polymer: Demonstration of Its Use in Electro-Luminescence and Lasing Devices	ENRIQUE PEREZ GUTIERREZ MIKHAIL ZOLOTUKHIN Romero-Servin, Sergio et al.	POLYMERS	2016
32	High- T g functional aromatic polymers	OLIVIA HERNANDEZ CRUZ MIKHAIL ZOLOTUKHIN SERGUEI FOMINE et al.	Macromolecules	2015
33	Gas transport coefficients of phthalide-containing high-T<inf>g</inf> glassy polymers determined by gas-flux and NMR measurements	MIKHAIL ZOLOTUKHIN Garcia, Carolina Lozano, Angel E. et al.	Macromolecules	2015
34	Linear, single-strand heteroaromatic polymers from superacid-catalyzed step-growth polymerization of ketones with bisphenols	Lilian I. Olvera MIKHAIL ZOLOTUKHIN OLIVIA HERNANDEZ CRUZ et al.	ACS MACRO LETTERS	2015
35	Tuning gas permeability and selectivity properties by thermal modification of the side groups of poly(oxindolebiphenylylene)s membranes	Alfredo Cruz Rosado MIKHAIL ZOLOTUKHIN RICARDO JORGE CARDENAS PEREZ et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2014
36	Mechanistic aspects of superacid mediated condensation of polyphenols with ketones. Implications for polymer synthesis	Gustavo Lopez Olivia H. Cruz Lilian I. Olvera Garza et al.	JOURNAL OF MOLECULAR MODELING	2014

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37	Reactions of ketones with aromatics in acid media. the effect of trifluoromethyl groups and the acidity media. A theoretical study	Ulises Jimenez Castillo MIKHAIL ZOLOTUKHIN LIOUDMILA FOMINA et al.	JOURNAL OF MOLECULAR MODELING	2013
38	Novel High Molecular Weight Aromatic Fluorinated Polymers from One-Pot, Metal-Free Step Polymerizations	Lilian I. Olvera MIKHAIL ZOLOTUKHIN SERGUEI FOMINE et al.	Macromolecules	2013
39	"Russian doll" complexes of [n]cycloparaphenylenes: a theoretical study	SERGUEI FOMINE MIKHAIL ZOLOTUKHIN PATRICIA GUADARRAMA ACOSTA	JOURNAL OF MOLECULAR MODELING	2012
40	Precision synthesis of narrow polydispersity, ultrahigh molecular weight linear aromatic polymers by A 2 + B 2 nonstoichiometric step-selective polymerization	Alfredo R. Cruz MARIA DEL CARMEN GUADALUPE HERNANDEZ VACA Maria T. Guzman Gutierrez et al.	Macromolecules	2012
41	Non-Stoichiometric Polycondensations and the Synthesis of High Molar Mass Polycondensates	MIKHAIL ZOLOTUKHIN RICARDO JORGE CARDENAS PEREZ Kricheldorf, Hans R.	MACROMOLECULAR RAPID COMMUNICATIONS	2012
42	Two-photon excited fluorescence of silica nanoparticles loaded with a fluorene-based monomer and its cross-conjugated polymer: Their application to cell imaging	MIKHAIL ZOLOTUKHIN SERGUEI FOMINE DANIEL MARTINEZ FONG et al.	Nanoscale	2012
43	Dramatic Enhancement of Superacid-Catalyzed Polyhydroxyalkylation Reactions	Maria T. Guzman Gutierrez Daniel R. Nieto SERGUEI FOMINE et al.	Macromolecules	2011
44	Structure-properties relationship for the gas transport properties of new fluoro-containing aromatic polymers	M. Teresa Guzman Gutierrez MIKHAIL ZOLOTUKHIN JORGE BALMASEDA ERA et al.	JOURNAL OF MEMBRANE SCIENCE	2011
45	Basic medium oxidation of aromatic alpha-hydroxy-ketones: A free radical mechanism	VIRGINIA GOMEZ VIDALES YOLANDA MARINA VARGAS RODRIGUEZ Ivan Melendez et al.	JOURNAL OF MOLECULAR STRUCTURE	2010
46	Synthesis, characterization and third-order non-linear optical properties of novel fluorene monomers and their cross-conjugated polymers	MARIA DEL CARMEN GUADALUPE HERNANDEZ VACA MIKHAIL ZOLOTUKHIN SERGUEI FOMINE et al.	Polymer	2010
47	Novel, Metal-Free, Superacid-Catalyzed "Click" Reactions of Isatins with Linear, Nonactivated, Multiring Aromatic Hydrocarbons	MARIA DEL CARMEN GUADALUPE HERNANDEZ VACA MIKHAIL ZOLOTUKHIN SERGUEI FOMINE et al.	Macromolecules	2010

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48	Superacid mediated hydroxyalkylation reaction of 1,2,3-indanetrione: a theoretical study	Daniel Romero Nieto MIKHAIL ZOLOTUKHIN LIOUDMILA FOMINA et al.	JOURNAL OF PHYSICAL ORGANIC CHEMISTRY	2010
49	Oligomerization of 3,5-Dimethyl Benzyl Alcohol Promoted by Clay: Experimental and Theoretical Study	Jose Antonio Morales Serna Luis E. Lopez Duran FRANCISCO MIGUEL DE JESUS CASTRO MARTINEZ et al.	Molecules	2010
50	Superelectrophilic Activation of N-Substituted Isatins: Implications for Polymer Synthesis, a Theoretical Study	Daniel Romero Nieto SERGUEI FOMINE MIKHAIL ZOLOTUKHIN et al.	MACROMOLECULAR THEORY AND SIMULATIONS	2009
51	Use of 4-piperidones in one-pot syntheses of novel, high-molecular-weight linear and virtually 100%-hyperbranched polymers	Alfredo R. Cruz MIKHAIL ZOLOTUKHIN SALVADOR LOPEZ MORALES et al.	CHEMICAL COMMUNICATIONS	2009
52	Aromatic polysulfone copolymers for gas separation membrane applications	MIKHAIL ZOLOTUKHIN Camacho-Zuniga, C. Ruiz-Trevino, F. A. et al.	JOURNAL OF MEMBRANE SCIENCE	2009
53	A High Molecular Weight Aromatic PhOLED Matrix Polymer Obtained by Metal-Free, Superacid-Catalyzed Polyhydroxyalkylation	MARIA DEL CARMEN URIBE ARANZABAL G. Hernandez MIKHAIL ZOLOTUKHIN et al.	Macromolecules	2009
54	Synthesis and gas transport properties of new aromatic 3F polymers	M. T. Guzman Gutierrez MIKHAIL ZOLOTUKHIN GERARDO CEDILLO VALVERDE et al.	JOURNAL OF MEMBRANE SCIENCE	2008
55	Novel Aromatic Polymers with Pentafluorophenyl Pendent Groups	VICTOR MANUEL VELASCO HERRERA MIKHAIL ZOLOTUKHIN Maria Teresa Guzman Gutierrez et al.	Macromolecules	2008
56	DFT and local MP2 study of switching process in a pH controllable molecular "shuttle"	SERGUEI FOMINE PATRICIA GUADARRAMA ACOSTA MIKHAIL ZOLOTUKHIN	INTERNATIONAL JOURNAL OF QUANTUM CHEMISTRY	2007
57	A novel approach to the synthesis of high performance and functional polymers	MIKHAIL ZOLOTUKHIN JUAN MANUEL FERNANDEZ GONZALEZ Fomine S. et al.	HIGH PERFORMANCE POLYMERS	2007
58	A novel, one-pot synthesis of novel 3F, 5F, and 8F aromatic polymers	MIKHAIL ZOLOTUKHIN SERGUEI FOMINE OCTAVIO MANERO BRITO et al.	MACROMOLECULAR RAPID COMMUNICATIONS	2007
59	Characterization of the layered structure in main chain dibenzo-18-crown-6 ether polymers by simultaneous WAXS/MAXS-SAXS/DSC measurements	MIKHAIL ZOLOTUKHIN MARIA DEL CARMEN GUTIERREZ HERNANDEZ SERGUEI FOMINE et al.	Macromolecules	2007

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60	Triflic-acid-mediated polycondensation of carbonyl compounds with aromatic hydrocarbons - A theoretical study	MIKHAIL ZOLOTUKHIN LIOUDMILA FOMINA SERGUEI FOMINE et al.	MACROMOLECULAR THEORY AND SIMULATIONS	2007
61	Comparison of the structure and thermal properties of a poly(aryl ether ketone ether ketone naphthyl ketone) with those of poly(aryl ether ketone ether ketone ketone)	MIKHAIL ZOLOTUKHIN Dosiere M. Villers D. et al.	E-Polymers	2007
62	Stacking of main chain-crown ether polymers in thin films	MIKHAIL ZOLOTUKHIN Rueda D.R. Nogales A. et al.	Langmuir	2007
63	Superelectrophilic activation of 4-heterocyclohexanones. Implications for polymer synthesis. A theoretical study	MIKHAIL ZOLOTUKHIN LIOUDMILA FOMINA SERGUEI FOMINE et al.	JOURNAL OF PHYSICAL CHEMISTRY A	2007
64	Gas transport properties of new aromatic cardo poly(aryl ether ketone)s	MIKHAIL ZOLOTUKHIN LUIS FELIPE DEL CASTILLO DAVILA Camacho-Zuñiga C. et al.	JOURNAL OF MEMBRANE SCIENCE	2006
65	New polymers with N-phenyl pyrrole fragments obtained by chemical modifications of diacetylene containing-polymers	LIOUDMILA FOMINA MIKHAIL ZOLOTUKHIN Huerta G. et al.	POLYMER BULLETIN	2006
66	Film-forming polymers containing in the main-chain dibenzo crown ethers with aliphatic (C 10-C 16), aliphatic-aromatic, or oxyindole spacers	MIKHAIL ZOLOTUKHIN MARIA DEL CARMEN GUTIERREZ HERNANDEZ LIOUDMILA FOMINA et al.	Macromolecules	2006
67	Reaction pathways of superelectrophilic polycondensation of 2,2,2-trifluoroacetophenone and biphenyl. A computational study	ANGELICA ESTRELLA RAMOS PEÑA MIKHAIL ZOLOTUKHIN SERGUEI FOMINE	Polymer	2005
68	Superacid-catalyzed polycondensation of acenaphthenequinone with aromatic hydrocarbons	MIKHAIL ZOLOTUKHIN SERGUEI FOMINE ROBERTO RENE SALCEDO PINTOS et al.	Macromolecules	2005
69	Remarkable enhancement of reactivity of carbonyl compounds for polymerizations with non-activated aromatic hydrocarbons	MIKHAIL ZOLOTUKHIN SERGUEI FOMINE Khalilov L. et al.	CHEMICAL COMMUNICATIONS	2004
70	Rapid, uncatalyzed ring-opening polymerization of individual macrocyclic poly(arylene thioether ketone)s under dynamic heating conditions	MIKHAIL ZOLOTUKHIN SERGUEI FOMINE Colquhoun H.M. et al.	Macromolecules	2004

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71	Formation of crystalline macrocyclic phases during electrophilic precipitation-polycondensation syntheses of poly(arylene ether ketone)s	MIKHAIL ZOLOTUKHIN Colquhoun H.M. Sestiaa L.G. et al.	Polymer	2004
72	Spontaneous ring-opening polymerization of macrocyclic aromatic thioether ketones under transient high-temperature conditions	MIKHAIL ZOLOTUKHIN Colquhoun H.M. Zhu Z. et al.	MACROMOLECULAR RAPID COMMUNICATIONS	2004
73	Factors enhancing the reactivity of carbonyl compounds for polycondensations with aromatic hydrocarbons. A computational study	ANGELICA ESTRELLA RAMOS PEÑA MIKHAIL ZOLOTUKHIN SERGUEI FOMINE	Macromolecules	2004
74	Superelectrophiles in polymer chemistry. A novel, one-pot synthesis of high-Tg, high-temperature polymers	MIKHAIL ZOLOTUKHIN LIOUDMILA FOMINA ROBERTO RENE SALCEDO PINTOS et al.	Macromolecules	2004
75	One-pot synthesis and characterization of soluble poly(aryl ether-ketone)s having pendant carboxyl groups	MIKHAIL ZOLOTUKHIN Colquhoun H.M. Sestiaa L.G. et al.	Macromolecules	2003
76	Microfabrication of high-performance aromatic polymers as nanotubes or fibrils by in situ ring-opening polymerisation of macrocyclic precursors	MIKHAIL ZOLOTUKHIN Colquhoun H.M. Sestiaa L.G. et al.	J MATER CHEM	2003
77	Macro-ring-functionalised poly(ether ether ketone): A new molecular architecture for aromatic polymers	MIKHAIL ZOLOTUKHIN Colquhoun H.M. Sestiaa L.G. et al.	MACROMOLECULAR RAPID COMMUNICATIONS	2002
78	Outer-surface-induced crystallization of semirigid polymer films	MIKHAIL ZOLOTUKHIN Damman P. Villers D. et al.	Macromolecules	2002
79	Superelectrophiles in aromatic polymer chemistry	MIKHAIL ZOLOTUKHIN Colquhoun H.M. Khalilov L.M. et al.	Macromolecules	2001
80	On the effect of reaction conditions on morphology of aromatic poly(ether-ketone)s, PEKK	MIKHAIL ZOLOTUKHIN Rueda D.R. Cagiao M.E. et al.	JOURNAL OF MACROMOLECULAR SCIENCE PART B-PHYSICS	2001
81	Macrocyclic ring-chain poly(ether ketone)s	MIKHAIL ZOLOTUKHIN Colquhoun H.M. Sestiaa L.G. et al.	Macromolecules	2000
82	Study of oligo(aryl ether ketone)s as models for aromatic polyketones	MIKHAIL ZOLOTUKHIN Rueda D.R. Nequlqueo G. et al.	MACROMOLECULAR CHEMISTRY AND PHYSICS	2000
83	The relationship between nonexponential relaxation and molecular stiffness in aromatic model compounds	MIKHAIL ZOLOTUKHIN Privalko V.P. Ezquerra T.A. et al.	JOURNAL OF CHEMICAL PHYSICS	2000

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84	Relaxation behavior in model compounds of poly(aryl-ether-ketone-ketone) as revealed by dielectric spectroscopy	MIKHAIL ZOLOTUKHIN Ezquerra T.A. Privalko V.P. et al.	JOURNAL OF CHEMICAL PHYSICS	1999
85	Synthesis of Poly(diphenylene phthalide) by Polycondensation of p-(3-Chloro-3-phthalidyl)diphenyl	MIKHAIL ZOLOTUKHIN Kovardakov V.A. Salazkin S.N. et al.	POLYM SCI SER A+	1999
86	Synthesis of novel polyaryl(ether-ketones) with tert-butyl pendent groups	MIKHAIL ZOLOTUKHIN De Abajo J. Alvarez J.C. et al.	JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY	1998
87	Degradation of poly(arylenephthalide)s in air and vacuum	MIKHAIL ZOLOTUKHIN Kraikin V.A. Laktionov V.M. et al.	POLYM SCI SER A+	1998
88	Crystallization kinetics and polymorphism in aromatic polyketones (PEKEKK) with different molecular weight	MIKHAIL ZOLOTUKHIN Rueda D.R. García Gutiérrez M.C. et al.	Macromolecules	1998
89	Degradation of poly(arylenephthalide)s in air and under vacuum	MIKHAIL ZOLOTUKHIN Kraikin V.A. Laktionov V.M. et al.	Vysokomolekularnye Soedineniya. Seriya A	1998
90	Aromatic polymers obtained by precipitation polycondensation, 2: Synthesis of poly(ether ketone ether ketone ketone) (PEKEKK)	MIKHAIL ZOLOTUKHIN Rueda D.R. Baltá Calleja F.J. et al.	MACROMOLECULAR CHEMISTRY AND PHYSICS	1997
91	Polymorphism in an oligo(aryl ether ketone)	MIKHAIL ZOLOTUKHIN Rueda D.R. André I. et al.	MACROMOLECULAR CHEMISTRY AND PHYSICS	1997
92	Cold crystallization and polymorphism in an oligo(aryl ether ketone)	MIKHAIL ZOLOTUKHIN Rueda D.R.	MACROMOLECULAR CHEMISTRY AND PHYSICS	1997
93	Metal phase in electroactive polymer induced by uniaxial pressure	MIKHAIL ZOLOTUKHIN Zherebov A. Lachinov A. et al.	SYNTHETIC METALS	1997
94	ESR studies of poly(phthalidylidenearylene)s doped with iodine	MIKHAIL ZOLOTUKHIN Shishlov N.M. Novoselov I.V.	SYNTHETIC METALS	1997
95	Aromatic polymers obtained by precipitation polycondensation: 4. Synthesis of poly(ether ketone ketone)s	MIKHAIL ZOLOTUKHIN Rueda D.R. Balta Calleja F.J. et al.	Polymer	1997
96	Aromatic polymers obtained by precipitation polycondensation: 5*. 1H and 13C n.m.r. study of poly(ether ketone ketone)s	MIKHAIL ZOLOTUKHIN Rueda D.R. Bruix M. et al.	Polymer	1997

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97	Aromatic polymers obtained by precipitation polycondensation. 3. Thermal behavior and microstructure of PEKEKK particles	MIKHAIL ZOLOTUKHIN Rueda D.R. Cagiao M.E. et al.	Macromolecules	1996
98	Poly(phthalidylidenarylene)s: new effects - new horizons of application	MIKHAIL ZOLOTUKHIN Lachinov A.N. Zherebov A.Yu. et al.	SYNTHETIC METALS	1995
99	Aromatic homopolymers obtained by precipitation polycondensation: 1. Synthesis of naphthalene-containing polyketones	MIKHAIL ZOLOTUKHIN Dosière M. Fougnies C. et al.	Polymer	1995
100	Synthesis of poly(1,4-phenylene-oxy-1,4-phenylene-carbonyl-1,3-phenylene-carbonyl)s (m-pekk) by precipitation polycondensation	MIKHAIL ZOLOTUKHIN Rueda D.R. Calleja F.J.B. et al.	JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY	1995
101	Novel rearrangement in the synthesis of poly(phthalidylidenearylene)s by self-condensation of 3-aryl-3-chlorophthalides. 2. Effect of monomer structure and reaction conditions	MIKHAIL ZOLOTUKHIN Baltá Calleja F.J. Rueda D.R. et al.	Macromolecules	1995
102	Interaction of poly(phthalidylidenearylene)s with iodine	MIKHAIL ZOLOTUKHIN Novoselov I.V. Nikiforova G.I.	Doklady Akademii Nauk Sssr	1994
103	Stereoisomers of dichloroanhydrides of dibenzoylphthalic acids	MIKHAIL ZOLOTUKHIN Fatykhov A.A. Egorov A.E. et al.	Doklady Akademii Nauk Sssr	1994
104	Thermostimulated switching in thin polymer films	MIKHAIL ZOLOTUKHIN Lachinov A.N. Zherebov A.Yu.	SYNTHETIC METALS	1993
105	Formation of triphenylmethyl radicals in the thermolysis of polydiphenylenesulfophthalide and polytriphenylcarbinol	MIKHAIL ZOLOTUKHIN Shishlov N.M. Akhmetzyanov Sh.S. et al.	Bulletin Of The Russian Academy Of Sciences Division Of Chemical Science	1992
106	Bipolar absorption of light in polyarylenephthalides	MIKHAIL ZOLOTUKHIN Lachinov A.N. Selezneva O.A. et al.	J APPL SPECTROSC+	1990
107	Some patterns of the synthesis of aromatic polyketones by precipitative polycondensation	MIKHAIL ZOLOTUKHIN Gileva N.G. Salazkin S.N. et al.	Polymer Science U.S.S.R.	1989

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109	Molecular mass characteristics of poly(diphenylene phthalide)	MIKHAIL ZOLOTUKHIN Salazkin S.N. Kovardakov V.A. et al.	Polymer Science U.S.S.R.	1987
110	Qualitative and quantitative determination of polyarylene phthalides based on their ability to form intensely coloured solutions in concentrated sulphuric acid	MIKHAIL ZOLOTUKHIN Kraikin V.A. Salazkin S.N. et al.	Polymer Science U.S.S.R.	1985
111	Some features of the synthesis of polydiphenylene phthalide by condensation of p-(3-chloro-3-phthalidyl) diphenyl	MIKHAIL ZOLOTUKHIN Kovardakov V.A. Salazkin S.N. et al.	Polymer Science U.S.S.R.	1984
112	Synthesis of ß- phenylanthraquinone by thermal intramolecular dehydrochlohination of p-(3-chloro-3-phthalidyl)diphenyl	MIKHAIL ZOLOTUKHIN Kovardakov V.A. Salazkin S.N. et al.	Bulletin Of The Academy Of Sciences Of The Ussr Division Of Chemical Science	1983

MIKHAIL ZOLOTUKHIN

LIBROS Y CAPITULOS CON ISBN

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

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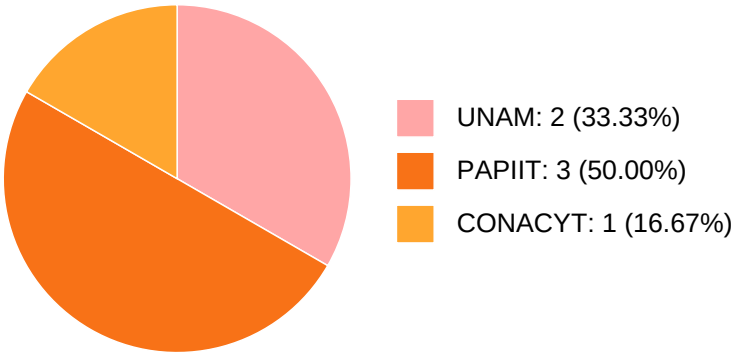
PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos

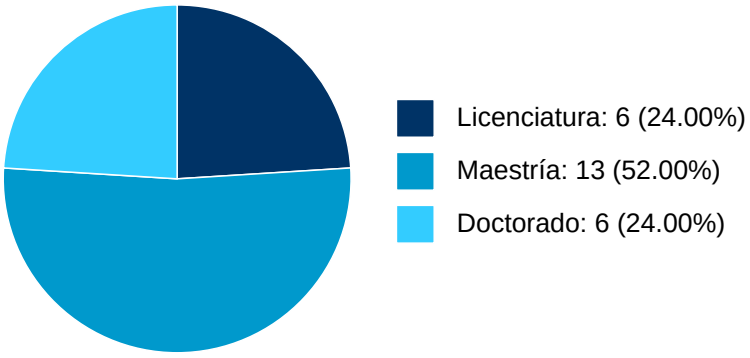


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Policondensación no-estequiométrica: nuevas oportunidades y perspectivas.	MIKHAIL ZOLOTUKHIN	Recursos CONACYT	30-06-2016	08-08-2020
2	Polímeros funcionales.	MIKHAIL ZOLOTUKHIN	Presupuesto de la UNAM asignado a la Dependencia	01-01-2018	31-12-2021
3	Nueva síntesis de poliimidas mediante polihidroxialquilación catalizada por superácidos	MIKHAIL ZOLOTUKHIN	Recursos PAPIIT	01-01-2017	31-12-2019
4	Síntesis y caracterización de nuevos POLI(OXINDOLILIDENARILENO)S y su evaluación para separación de gases.	MIKHAIL ZOLOTUKHIN	Recursos PAPIIT	01-01-2020	31-12-2022
5	Polímeros funcionales.	MIKHAIL ZOLOTUKHIN	Presupuesto de la UNAM asignado a la Dependencia	01-01-2022	31-12-2024
6	Síntesis y caracterización de nuevos polímeros tipo PIM para separación de gases	MIKHAIL ZOLOTUKHIN	Recursos PAPIIT	01-01-2023	31-12-2025

MIKHAIL ZOLOTUKHIN

PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Síntesis, caracterización y evaluación de la actividad biomédica de nanopartículas metálicas soportadas en polímeros multifuncionales	Tesis de Doctorado	MIKHAIL ZOLOTUKHIN,	Velázquez Ramírez, Rosaura,	Instituto de Investigaciones en Materiales,	2022
2	Transformación espontánea de películas de metales nobles a nanopartículas soportadas en polímeros multifuncionales	Tesis de Maestría	MIKHAIL ZOLOTUKHIN,	Ibañez Pinacho, Cristopher Alejandro,	Instituto de Investigaciones en Materiales,	2022
3	Polímeros aromáticos funcionales y su modificación química	Tesis de Licenciatura	MIKHAIL ZOLOTUKHIN,	Reyes García, Antonio Germán,	Instituto de Investigaciones en Materiales,	2022
4	Nuevos polímeros aromáticos para aplicaciones avanzadas obtenidos por polihidroxialquilación no estequiométrica	Tesis de Doctorado	MIKHAIL ZOLOTUKHIN,	Cetina Mancilla, Enoc,	Instituto de Investigaciones en Materiales,	2021

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5	Síntesis y caracterización de un polímero multifuncional como soporte para transformaciones sólido-sólido de películas delgadas de oro a nanopartículas	Tesis de Licenciatura	MIKHAIL ZOLOTUKHIN,	Velázquez Ramírez, Rosaura,	Instituto de Investigaciones en Materiales,	2019
6	Reacciones de fenoles y bisfenoles con compuestos carbonílicos catalizados por superácidos	Tesis de Maestría	MIKHAIL ZOLOTUKHIN,	López García, Marisol de las Mercedes,	Instituto de Investigaciones en Materiales,	2019
7	Material compuesto para arquitectura a base de una matriz de cartón y un refuerzo de tejido de fibras de carbono 12k twill : estructuras ligeras de gran claro	Tesis de Maestría	ALBERTO MUCIÑO VELEZ,	JORGE RANGEL DAVALOS, PERLA RAFAEL SANTA ANA LOZADA, et al.	Facultad de Arquitectura, Instituto de Investigaciones en Materiales,	2019
8	Block prefabricado de material compuesto con desperdicio de bambú y resina epoxi	Tesis de Maestría	ILSE GARCIA VILLALOBOS,	AGUSTIN HERNANDEZ HERNANDEZ, ALBERTO MUCIÑO VELEZ, et al.	Dirección General de Asuntos del Personal Académico, Facultad de Arquitectura, Instituto de Investigaciones en Materiales,	2019
9	Síntesis y caracterización de polímeros basados en ésteres de ácido bromopirúvico y compuestos aromáticos catalizada por superácidos	Tesis de Licenciatura	MIKHAIL ZOLOTUKHIN,	Ibañez Pinacho, Cristopher Alejandro,	Instituto de Investigaciones en Materiales,	2018
10	Síntesis de nuevos polímeros tipo escalera	Tesis de Maestría	MIKHAIL ZOLOTUKHIN,	Rodríguez Molina, José Manuel,	Instituto de Investigaciones en Materiales,	2018

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11	Síntesis, modificación química y caracterización de polímeros con alto peso molecular basados en la isatina y p-terfenilo	Tesis de Maestría	MIKHAIL ZOLOTUKHIN,	Ambriz Silva, Edgar,	Instituto de Investigaciones en Materiales,	2016
12	Polihidroxialquilación no estequiometrica de a-dicetonas con compuestos aromáticos catalizada por superácidos	Tesis de Doctorado	MIKHAIL ZOLOTUKHIN,	Hernández Cruz, Olivia,	Instituto de Investigaciones en Materiales,	2016
13	Síntesis de nuevo policarbonato con alta temperatura de transición vítrea	Tesis de Licenciatura	MIKHAIL ZOLOTUKHIN,	Caldera Cruz, Enrique,	Instituto de Investigaciones en Materiales,	2015
14	Nuevos polímeros y co-polímeros fluorados obtenidos mediante policondensación no estequiométrica	Tesis de Doctorado	MIKHAIL ZOLOTUKHIN,	Olvera Garza, Lilian Irais,	Instituto de Investigaciones en Materiales,	2015
15	Madera plástica de pead (polietileno de alta densidad) reciclado como material estructural	Tesis de Maestría	ALBERTO MUCIÑO VELEZ,	JORGE RANGEL DAVALOS, PERLA RAFAEL SANTA ANA LOZADA, et al.	Facultad de Arquitectura, Instituto de Investigaciones en Materiales,	2015
16	Aprovechamiento del poliestireno expandido de postconsumo : una propuesta desde el diseño industrial	Tesis de Maestría	JULIAN COVARRUBIAS VALDIVIA,	BRENDA GARCIA PARRA, MIKHAIL ZOLOTUKHIN, et al.	Facultad de Arquitectura, Instituto de Investigaciones en Materiales,	2014
17	Síntesis y caracterización de nuevos polímeros hiperramificados con fragmentos trifenilmetano	Tesis de Maestría	MIKHAIL ZOLOTUKHIN,	Pulido Ponce de León, Bruno Antonio,	Instituto de Investigaciones en Materiales,	2014
18	Síntesis de polímeros basados en ninhidrina y compuestos aromáticos mediante catálisis superácida	Tesis de Maestría	MIKHAIL ZOLOTUKHIN,	Marcial Hernández, Raymundo,	Instituto de Investigaciones en Materiales,	2014

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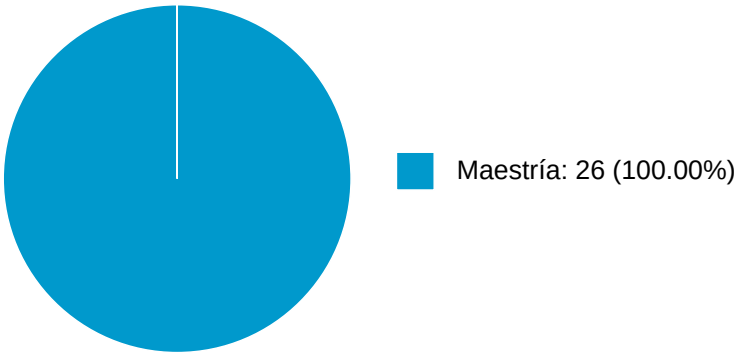
19	Polímeros inteligentes en el Diseño Industrial	Tesis de Maestría	MIGUEL EGUILUZ SENIOR,	ANGEL MAURICIO GROSO SANDOVAL, OSCAR ARMANDO SALINAS FLORES, et al.	Facultad de Arquitectura, Instituto de Investigaciones en Materiales,	2013
20	Síntesis y propiedades de nuevos polímeros con fragmentos trifenilmetano en cadena principal	Tesis de Licenciatura	MIKHAIL ZOLOTUKHIN,	Pulido Ponce de Leon, Bruno Antonio,	Instituto de Investigaciones en Materiales,	2012
21	Nuevos polímeros obtenidos a partir de fluorocetonas y anillos aromáticos	Tesis de Doctorado	MIKHAIL ZOLOTUKHIN,	Guzmán Gutiérrez, María Teresa,	Instituto de Investigaciones en Materiales,	2011
22	Síntesis de polímeros basados en 4-heterociclohexanonas y compuestos aromáticos catalizada por medio superácido	Tesis de Maestría	MIKHAIL ZOLOTUKHIN,	Cruz Rosado, Alfredo,	Instituto de Investigaciones en Materiales,	2011
23	Síntesis y propiedades de nuevos polímeros basados en la isatina y sus derivados	Tesis de Doctorado	MIKHAIL ZOLOTUKHIN,	Gutiérrez Hernández, María del Carmen,	Instituto de Investigaciones en Materiales,	2010
24	Nuevos polímeros basados en pentafluorobenzaldehído y compuestos aromáticos	Tesis de Maestría	MIKHAIL ZOLOTUKHIN,	Velasco Panales, Víctor Manuel,	Instituto de Investigaciones en Materiales,	2008
25	Sintesis y propiedades de nuevos polimeros que contienen unidades de eteres corona	Tesis de Licenciatura	MIKHAIL ZOLOTUKHIN,	López Montañez, Ana Maria,		2004

MIKHAIL ZOLOTUKHIN

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TEMAS SELECTOS DE MATERIALES POLIMÉRICOS RECICLAJE DE MATERIALES POLIMÉRICOS Y COMPUESTOS	Instituto de Investigaciones en Materiales	1	2024-2
2	Maestría	TEMAS SELECTOS DE MATERIALES POLIMÉRICOS PROPIEDADES, APLICACIONES Y RECICLAJE	Instituto de Investigaciones en Materiales	2	2024-1
3	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-2
4	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-2
5	Maestría	TEMAS SELECTOS DE POLIMEROS,PROPIEDADES, APLICACIONES Y RECICLAJE	Instituto de Investigaciones en Materiales	2	2018-2
6	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-1
7	Maestría	TRABAJO DE INVESTIGACION	Facultad de Química	1	2018-1
8	Maestría	TEMAS SELECTOS DE POLIMEROS-304535	Instituto de Investigaciones en Materiales	2	2017-1
9	Maestría	TRABAJO DE INVESTIGACION-395495	Facultad de Química	1	2017-1
10	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	3	2016-2
11	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	2	2016-2

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12	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	2	2015-2
13	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	1	2015-1
14	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	5	2014-2
15	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	2	2014-1
16	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	2	2013-2
17	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	2	2013-1
18	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	1	2012-2
19	Maestría	RECICLAJE DE MATERIALES POLIMERICOS Y COMPUESTOS	Instituto de Investigaciones en Materiales	1	2012-1
20	Maestría	TEMAS SELECTOS DE POLIMEROS	Instituto de Investigaciones en Materiales	3	2011-1
21	Maestría	OPTATIVA	Facultad de Odontología	4	2010-2
22	Maestría	TEMAS SELECTOS DE POLIMEROS (OPTATIVA)	Instituto de Investigaciones en Materiales	2	2010-1
23	Maestría	TEMAS SELECTOS DE POLIMEROS (OPTATIVA)	Instituto de Investigaciones en Materiales	6	2009-2
24	Maestría	TEMAS SELECTOS DE POLIMEROS (OPTATIVA)	Instituto de Investigaciones en Materiales	3	2009-1
25	Maestría	TEMAS SELECTOS DE POLIMEROS (OPTATIVA)	Instituto de Investigaciones en Materiales	1	2008-2
26	Maestría	TEMAS SELECTOS DE POLIMEROS (OPTATIVA)	Instituto de Investigaciones en Materiales	2	2008-1

MIKHAIL ZOLOTUKHIN

PATENTES

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

MIKHAIL ZOLOTUKHIN

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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	2008-2024
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