



## **ISSIS CLAUDETTE ROMERO IBARRA**

### **Datos Generales**

**Nombre:** ISSIS CLAUDETTE ROMERO IBARRA

**Máximo nivel de estudios:**

**Antigüedad académica en la UNAM:** 0 años, 3 meses, 28 días

---

### **Nombramientos**

**Último:** PROFESOR ASIGNATURA A TP No Definitivo  
Facultad de Estudios Superiores "Acatlán"  
Desde 01-11-2010 hasta 28-02-2011

---

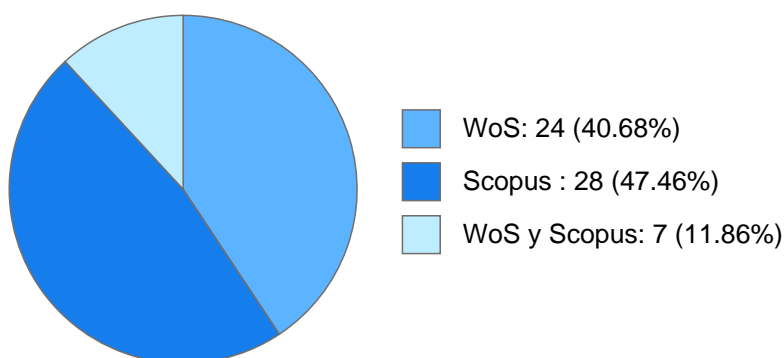
### **Estímulos, programas, premios y reconocimientos**

SNI II 2021 - 2023  
SNI I 2017 - 2019

## ISSIS CLAUDETTE ROMERO IBARRA

### DOCUMENTOS EN REVISTAS

#### Histórico de Documentos



#	Título	Autores	Revista	Año
1	Optical properties of liposomal systems in combination with carbon nanoparticles	ISSIS CLAUDETTE ROMERO IBARRA Tomas R.G. Rodríguez R.J. et al.	Mrs Advances	2024
2	Effect of crystalline phase of MnO <sub>2</sub> on the degradation of Bisphenol A by catalytic ozonation	INES FUENTES NORIEGA HUGO JESUS TIZNADO VAZQUEZ ISSIS CLAUDETTE ROMERO IBARRA et al.	Journal of Environmental Chemical Engineering	2023
3	Synthesis and Evaluation of Fe <sub>x</sub> /TiO <sub>2</sub> for the Photocatalytic Degradation of Phenol under Visible-Light Region	ISSIS CLAUDETTE ROMERO IBARRA Alvarez-Bustos D. Sanchez-Minero F. et al.	CATALYSTS	2022
4	Study of the Thermal Diffusivity and Optical Properties of Lead Oxide Nanoparticles Annealed at Different Temperatures	ISSIS CLAUDETTE ROMERO IBARRA Netzahual-Lopantzi A. Juárez-Santacruz L. et al.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	2022
5	Degradation of cefadroxil by photoelectrocatalytic ozonation under visible-light irradiation and single processes	ISSIS CLAUDETTE ROMERO IBARRA Palomares-Reyna D. Carrera-Crespo J.E. et al.	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY	2022

## ISSIS CLAUDETTE ROMERO IBARRA

6	Synthesis of superficially modified $Ce_{1-x}(Zr + Y)_xO_{2-d}$ solid solutions and thermogravimetric analysis of their performance in the catalytic soot combustion	OSCAR OVALLE ENCINIA ISSIS CLAUDETTE ROMERO IBARRA Télez-Salazar W.N. et al.	MATERIALS RESEARCH EXPRESS	2021
7	Syngas production with CO <sub>2</sub> utilization through the oxidative reforming of methane in a new cermet-carbonate packed-bed membrane reactor	ISSIS CLAUDETTE ROMERO IBARRA Fabián-Anguiano J.A. Ramírez-Moreno M.J. et al.	JOURNAL OF MEMBRANE SCIENCE	2021
8	Strong texture tuning along different crystalline directions in glass-supported CeO <sub>2</sub> thin films by ultrasonic spray pyrolysis	ISSIS CLAUDETTE ROMERO IBARRA Zumeta-Dubé I. García Rangel J.M. et al.	SCIENTIFIC REPORTS	2021
9	Determination of active sites on Na <sub>2</sub> SiO <sub>3</sub> and Li <sub>2</sub> SiO <sub>3</sub> catalysts for methanol dissociation and methoxide stabilization concerning biodiesel production	ISSIS CLAUDETTE ROMERO IBARRA Cuautli C. Vazquez-Arenas J. et al.	Fuel	2021
10	Synthesis of sodium zincsilicate (Na <sub>2</sub> ZnSiO <sub>4</sub> ) and heterogeneous catalysis towards biodiesel production via Box-Behnken design	ISSIS CLAUDETTE ROMERO IBARRA Rodríguez-Ramírez R. Vazquez-Arenas J.	Fuel	2020
11	Unraveling the structural and composition properties associated with the enhancement of the photocatalytic activity under visible light of Ag <sub>2</sub> O/BiFeO <sub>3</sub> -Ag synthesized by microwave-assisted hydrothermal method	ISSIS CLAUDETTE ROMERO IBARRA Camacho-Escobar L. Palma-Goyes R.E. et al.	APPLIED SURFACE SCIENCE	2020
12	Pulse-Plating Electrodeposition of Metallic Bi in an Organic-Free Aqueous Electrolyte and Its Conversion into BiVO <sub>4</sub> to Improve Photoelectrochemical Activity toward Pollutant Degradation under Visible Light	ISSIS CLAUDETTE ROMERO IBARRA Fuentes-Camargo I. Carrera-Crespo J.E. et al.	JOURNAL OF PHYSICAL CHEMISTRY C	2020
13	Priority schemes for life extension and data delivery in body area wireless sensor networks with cognitive radio capabilities	ISSIS CLAUDETTE ROMERO IBARRA Martínez Chávez S.M. Rivero-Angeles M.E. et al.	WIREL COMMUN MOB COM	2019
14	In situ synthesis of Au-decorated BiOCl/BiVO <sub>4</sub> hybrid ternary system with enhanced visible-light photocatalytic behavior	ISSIS CLAUDETTE ROMERO IBARRA de la Garza-Galván M. Zambrano-Robledo P. et al.	APPLIED SURFACE SCIENCE	2019

## ISSIS CLAUDETTE ROMERO IBARRA

15	In situ reactivation of spent NiMoP/?-Al <sub>2</sub> O <sub>3</sub> catalyst for hydrodesulfurization of straight-run gas oil	ELIZABETH GOMEZ PEREZ ISSIS CLAUDETTE ROMERO IBARRA Santolalla-Vargas C.E. et al.	CATALYSIS TODAY	2019
16	A facile route to synthesize a Tint-RuO <sub>2</sub> electrocatalyst for electro-generated active chlorine production	ISSIS CLAUDETTE ROMERO IBARRA Elizarragaz D. Carrera-Crespo J.E. et al.	JOURNAL OF THE ELECTROCHEMI CAL SOCIETY	2019
17	In-situ transesterification of Jatropha curcas L. seeds using homogeneous and heterogeneous basic catalyts	ISSIS CLAUDETTE ROMERO IBARRA Martínez A. Mijangos G.E. et al.	Fuel	2019
18	Efficient cephalixin degradation using active chlorine produced on ruthenium and iridium oxide anodes: Role of bath composition, analysis of degradation pathways and degradation extent	ISSIS CLAUDETTE ROMERO IBARRA Perea L.A. Palma-Goyes R.E. et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2019
19	Molecular interactions arising in polyethylene-bentonite nanocomposites	ISSIS CLAUDETTE ROMERO IBARRA ANTONIO SANCHEZ SOLIS OCTAVIO MANERO BRITO et al.	JOURNAL OF APPLIED POLYMER SCIENCE	2019
20	Microwave-Assisted Solvothermal One-Pot Synthesis of RuO <sub>2</sub> Nanoparticles: First Insights of Its Activity Towards Oxygen and Chlorine Evolution Reactions	ISSIS CLAUDETTE ROMERO IBARRA Palma-Goyes R.E. Vazquez-Arenas J. et al.	Chemistryselec t	2018
21	Key processing of porous and fibrous LaCoO <sub>3</sub> nanostructures for successful CO and propane sensing	JAIME SANTOYO SALAZAR ISSIS CLAUDETTE ROMERO IBARRA Gildo-Ortiz L. et al.	CERAMICS INTERNATIONAL	2018
22	In search of the active chlorine species on Ti/ZrO <sub>2</sub> -RuO <sub>2</sub> -Sb <sub>2</sub> O <sub>3</sub> anodes using DEMS and XPS	ISSIS CLAUDETTE ROMERO IBARRA Palma-Goyes R.E. Vazquez-Arenas J. et al.	ELECTROCHIMIC A ACTA	2018
23	The effect of different operational parameters on the electrooxidation of indigo carmine on Ti/IrO <sub>2</sub> -SnO <sub>2</sub> -Sb <sub>2</sub> O <sub>3</sub>	ISSIS CLAUDETTE ROMERO IBARRA Palma-Goyes R.E. Silva-Agredo J. et al.	Journal of Environmental Chemical Engineering	2018
24	Controlling Li <sub>2</sub> CuO <sub>2</sub> single phase transition to preserve cathode capacity and cyclability in Li-ion batteries	ISSIS CLAUDETTE ROMERO IBARRA Ramos-Sanchez, G. Vazquez-Arenas, J. et al.	Solid State Ionics	2017
25	The Influence of Ni(II) and Co(II) Adsorptions in the Anomalous Behavior of Co-Ni Alloys: Density Functional Theory and Experimental Studies	ISSIS CLAUDETTE ROMERO IBARRA Vazquez-Arenas J. Ramos-Sanchez G. et al.	Chemistryselec t	2017



**Reporte individual**

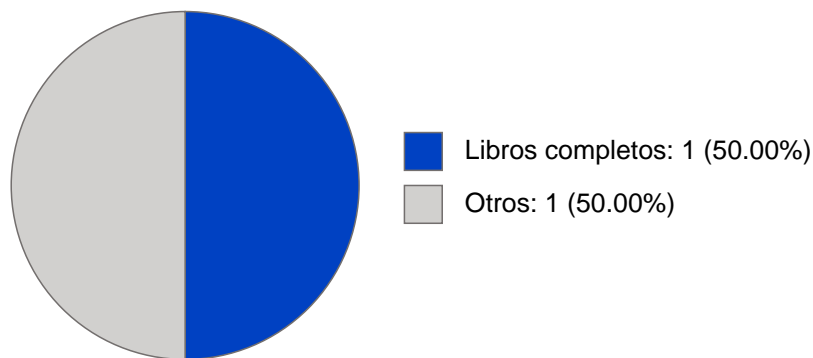
**ISSIS CLAUDETTE ROMERO IBARRA**

26	Li <sub>4</sub> + x(Si <sub>1-x</sub> Al <sub>x</sub> )O <sub>4</sub> solid solution mechanosynthesis and kinetic analysis of the CO <sub>2</sub> chemisorption process	ISSIS CLAUDETTE ROMERO IBARRA ENRIQUE JAIME LIMA MUÑOZ HERIBERTO PFEIFFER PEREA et al.	JOURNAL OF PHYSICAL CHEMISTRY C	2013
27	Structural and CO <sub>2</sub> chemisorption analyses on Na <sub>2</sub> (Zr <sub>1-x</sub> Al <sub>x</sub> )O <sub>3</sub> solid solutions	Brenda Alcantar Vazquez ISSIS CLAUDETTE ROMERO IBARRA ENRIQUE JAIME LIMA MUÑOZ et al.	JOURNAL OF PHYSICAL CHEMISTRY C	2013
28	Mechanical and rheological studies on polyethylene terephthalate-montmorillonite nanocomposites	ANTONIO SANCHEZ SOLIS ISSIS CLAUDETTE ROMERO IBARRA MIRNA ROSA ESTRADA YAÑEZ et al.	POLYMER ENGINEERING AND SCIENCE	2004

**ISSIS CLAUDETTE ROMERO IBARRA**

**LIBROS Y CAPITULOS CON ISBN**

**Obras con registro ISBN**



#	Título	Autores	Alcance	Año	ISBN
1	Alkaline and Alkaline-Earth Ceramic Oxides for CO2 Capture, Separation and Subsequent Catalytic Chemical Conversion	ISSIS CLAUDETTE ROMERO IBARRA HERIBERTO PFEIFFER PEREA Margarita J. Ramirez-Moreno et al.	Article	2014	9789535112259
2	Nanocompuestos poliméricos de PU o POM y nanopartículas de BaSO4	ISSIS CLAUDETTE ROMERO IBARRA OCTAVIO MANERO BRITO	Libro Completo	2013	9783639551815



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



**ISSIS CLAUDETTE ROMERO IBARRA**

**PARTICIPACIÓN EN PROYECTOS**

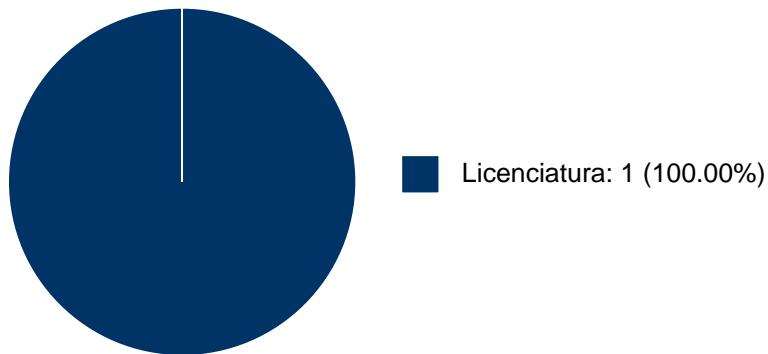
**No se encuentran registros en la base de datos de SISEPRO asociados a:**

**ISSIS CLAUDETTE ROMERO IBARRA**

**ISSIS CLAUDETTE ROMERO IBARRA**

**PARTICIPACIÓN EN TESIS**

**Histórico de Colaboraciones en Tesis**



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Oxosilicato de litio (Li <sub>8</sub> SiO <sub>6</sub> ) : una nueva opción para la captura de dióxido de carbono (Co <sub>2</sub> ) a altas temperaturas	Tesis de Licenciatura	HERIBERTO PFEIFFER PEREA,	ISSIS CLAUDETTE ROMERO IBARRA, Durán Muñoz, Fernando,	Instituto de Investigaciones en Materiales,	2013

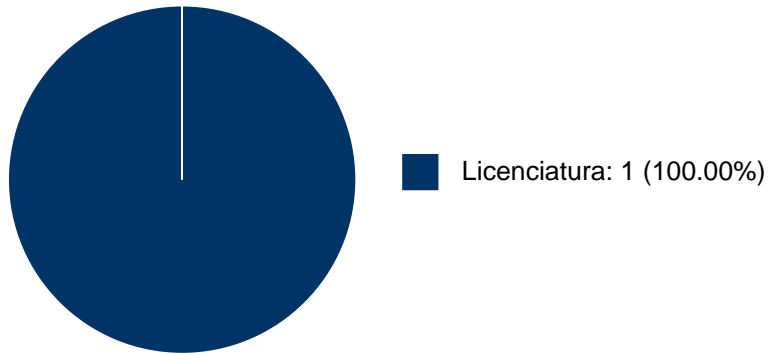




**ISSIS CLAUDETTE ROMERO IBARRA**

**DOCENCIA IMPARTIDA**

**Histórico de docencia**



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	GEOMETRIA ANALITICA	Facultad de Estudios Superiores "Acatlán"	51	2011-1



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



**ISSIS CLAUDETTE ROMERO IBARRA**

**TUTORIAS EN POSGRADO**

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

**ISSIS CLAUDETTE ROMERO IBARRA**



## ISSIS CLAUDETTE ROMERO IBARRA

### PATENTES

#	Título	Inventores	Sección	Año
1	MATERIALES COMPUESTOS DE MATRIZ POLIMERICA CON REFORZANTES DE DIFERENTES MORFOLOGIAS Y SUS PROCEDIMIENTOS DE SINTESIS.	OCTAVIO MANERO BRITO, ANTONIO SANCHEZ SOLIS, ISSIS CLAUDETTE ROMERO IBARRA,	CHEMISTRY; METALLURGY	2016

**ISSIS CLAUDETTE ROMERO IBARRA**

**FUENTES DE INFORMACIÓN**

**Internos**

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2024
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2024
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2024
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

**Externos**

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