



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



**UGOCHUKWU PATRICK OKOYE**

## Datos Generales

**Nombre:** UGOCHUKWU PATRICK OKOYE

**Máximo nivel de estudios:** DOCTORADO

**Antigüedad académica en la UNAM:** 5 años

---

## Nombramientos

**Vigente:** INVESTIGADOR TITULAR A TC No Definitivo  
Instituto de Energías Renovables  
Desde 16-10-2024

---

## Estímulos, programas, premios y reconocimientos

SNI I 2021 - VIGENTE  
EQUIVALENCIA PRIDE B 2019 - 2024

## UGOCHUKWU PATRICK OKOYE

### DOCUMENTOS EN REVISTAS

#### Histórico de Documentos



#	Título	Autores	Revista	Año
1	Evaluating the impact of pre-carbonization on activated carbon production from animal-origin precursors for supercapacitor electrode applications	DIEGO RAMON LOBATO PERALTA DULCE MARIA ARIAS LIZARRAGA JOSEPH SEBASTIAN PATHIYAMATTOM et al.	BIOMASS & BIOENERGY	2025
2	Data-Driven Framework for the Techno-Economic Assessment of Sustainable Aviation Fuel from Pyrolysis	UGOCHUKWU PATRICK OKOYE Okolie J.A. Moradi K. et al.	BioEnergy Research	2025
3	Optimizing pre-carbonization temperature in sustainable cow hoof-derived activated carbon for high-performance supercapacitor electrodes	DIEGO RAMON LOBATO PERALTA DULCE MARIA ARIAS LIZARRAGA JOSEPH SEBASTIAN PATHIYAMATTOM et al.	Surfaces And Interfaces	2025
4	Valorization of <i>Sargassum</i> <i>Fluitans</i> III from the mexican caribbean: solar drying and pyrolysis	HEIDI ISABEL VILLAFAN VIDALES ANABEL LOPEZ ORTIZ UGOCHUKWU PATRICK OKOYE et al.	BOLETIN DEL GRUPO ESPANOL DEL CARBON	2025
5	Eco-friendly catalyst design: Transforming volcanic lava ashes into sustainable synthesis of glycerol carbonate from glycerol in one pot solvent-free route	CORNELIO DELESMA DIAZ JESUS MUÑIZ SORIA UGOCHUKWU PATRICK OKOYE et al.	Journal of Environmental Chemical Engineering	2025

**UGOCHUKWU PATRICK OKOYE**

6	Assessing the effect of Fe <sub>2</sub> O <sub>3</sub> nanoparticle addition on microalgae wastewater treatment and biomass composition	LAURA GABRIELA VARGAS ESTRADA UGOCHUKWU PATRICK OKOYE EBERTO NOVELO MALDONADO et al.	ALGAL RESEARCH-BIO MASS BIOFUELS AND BIOPRODUCTS	2024
7	Electrochemical hydrogen storage in high surface area microporous carbon from disposable diaper waste	CESAR GIOVANNI MONDRAGON GALLARDO DIEGO RAMON LOBATO PERALTA DULCE MARIA ARIAS LIZARRAGA et al.	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	2024
8	Fast-kinetics adsorption of a binary solution containing cationic and ionic pollutants using high-surface area activated carbon derived from macadamia nutshell	ESTEFANIA DUQUE BRITO DIEGO RAMON LOBATO PERALTA DULCE MARIA ARIAS LIZARRAGA et al.	ENERGY ECOLOGY AND ENVIRONMENT	2024
9	Cultivating photosynthetic microorganisms in cooling water waste and urban effluents as a strategy of water regeneration and valorization	UGOCHUKWU PATRICK OKOYE DULCE MARIA ARIAS LIZARRAGA Ortíz-Sánchez E. et al.	ENVIRONMENTAL TECHNOLOGY	2024
10	Optimizing capacitance performance: Solar pyrolysis of lignocellulosic biomass for homogeneous porosity in carbon production	DIEGO RAMON LOBATO PERALTA CARLOS ERNESTO ARREOLA RAMOS ALEJANDRO AYALA CORTES et al.	JOURNAL OF CLEANER PRODUCTION	2024
11	Synthesis and Characterizations of Nanocarbon	DIEGO RAMON LOBATO PERALTA ALEJANDRO AYALA CORTES ESTEFANIA DUQUE BRITO et al.	Engineering Materials	2024
12	Agro-industrial residue of <i>Pouteria sapota</i> peels as a green heterogeneous catalyst to produce biodiesel from soybean and sunflower oils	UGOCHUKWU PATRICK OKOYE J. L. Aleman-Ramirez Umapada Pal et al.	RENEWABLE ENERGY	2024
13	Linear control strategy of the dilution rate for stability in the anaerobic digestion process	UGOCHUKWU PATRICK OKOYE Orlando Harker Adolfo Andres Jaramillo	Systems Science & Control Engineering	2024
14	A review on carbon materials for electrochemical energy storage applications: State of the art, implementation, and synergy with metallic compounds for supercapacitor and battery electrodes	DIEGO RAMON LOBATO PERALTA UGOCHUKWU PATRICK OKOYE Alegre C.	JOURNAL OF POWER SOURCES	2024

**UGOCHUKWU PATRICK OKOYE**

15	Challenges and prospects in energetic application of <i>Pithecellobium dulce</i> (Roxb.) Benth as a bioenergy tree	UGOCHUKWU PATRICK OKOYE SOLEYDA TORRES ARELLANO JOSEPH SEBASTIAN PATHIYAMATTOM et al.	BIOFUELS BIOPRODUCTS & BIOREFINING-BI OFPR	2024
16	Pathways for the Valorization of Animal and Human Waste to Biofuels, Sustainable Materials, and Value-Added Chemicals	UGOCHUKWU PATRICK OKOYE Jude A. Okolie Toheeb Jimoh et al.	ENVIRONMENTS	2023
17	Sulphonated cellulose-based carbon as a green heterogeneous catalyst for biodiesel production: Process optimization and kinetic studies	UGOCHUKWU PATRICK OKOYE Saikia K. Ngaosuwan K. et al.	BIOMASS & BIOENERGY	2023
18	Crystal phase evolution of high temperature annealed Fe <sub>3</sub> O <sub>4</sub> -CaO catalysts for biodiesel production	ODIN REYES VALLEJO UGOCHUKWU PATRICK OKOYE JOSEPH SEBASTIAN PATHIYAMATTOM et al.	BIOFUELS BIOPRODUCTS & BIOREFINING-BI OFPR	2023
19	Sponge-like nanoporous activated carbon from corn husk as a sustainable and highly stable supercapacitor electrode for energy storage	DIEGO RAMON LOBATO PERALTA ESTEFANIA DUQUE BRITO DULCE MARIA ARIAS LIZARRAGA et al.	DIAMOND AND RELATED MATERIALS	2023
20	Process design, exergy, and economic assessment of a conceptual mobile autothermal methane pyrolysis unit for onsite hydrogen production	UGOCHUKWU PATRICK OKOYE Meshach E. Tabat Fredrick O. Omoarukhe et al.	ENERGY CONVERSION AND MANAGEMENT	2023
21	Assessing absorption-based CO <sub>2</sub> capture: Research progress and techno-economic assessment overview	UGOCHUKWU PATRICK OKOYE Usman Khan Chukwuma C. Ogbaga et al.	CARBON CAPTURE SCIENCE & TECHNOLOGY	2023
22	Anaerobic co-digestion of food waste and agricultural residues: An overview of feedstock properties and the impact of biochar addition	UGOCHUKWU PATRICK OKOYE Max Rowan Great C. Umenweke et al.	Digital Chemical Engineering	2023
23	Optimization of Moringa oleifera cationic protein/zeolite adsorbent blend for synthetic turbid water treatment	UGOCHUKWU PATRICK OKOYE Agatha E. Ahizi Chigoziri N. Njoku et al.	Sustainable Water Resources Management	2023
24	Valorization of biodiesel byproduct glycerol to glycerol carbonate using highly reusable apatite-like catalyst derived from waste Gastropoda Mollusca	UGOCHUKWU PATRICK OKOYE ADRIANA MARGARITA LONGORIA HERNANDEZ Ortiz Olivares R.D. et al.	Biomass Conversion and Biorefinery	2023

**UGOCHUKWU PATRICK OKOYE**

25	Tunable band structure of synthesized carbon dots modified graphitic carbon nitride/bismuth oxychlorobromide heterojunction for photocatalytic degradation of tetracycline in water	UGOCHUKWU PATRICK OKOYE Mohamed Hussein Abdurahman Ahmad Zuhairi Abdullah et al.	JOURNAL OF COLLOID AND INTERFACE SCIENCE	2023
26	Activated carbons obtained by environmentally friendly activation using solar energy for their use in neutral electrolyte supercapacitors	DIEGO RAMON LOBATO PERALTA ALEJANDRO AYALA CORTES ADRIANA MARGARITA LONGORIA HERNANDEZ et al.	Journal of Energy Storage	2022
27	Solar hydrothermal processing of agave bagasse: Insights on the effect of operational parameters	ALEJANDRO AYALA CORTES UGOCHUKWU PATRICK OKOYE CAMILO ALBERTO ARANCIBIA BULNES et al.	RENEWABLE ENERGY	2022
28	Development of reusable composite eggshell-moringa leaf catalyst for biodiesel production	UGOCHUKWU PATRICK OKOYE JOSEPH SEBASTIAN PATHIYAMATTOM J. L. Aleman-Ramirez et al.	Fuel	2022
29	Production of nanoarchitectonics corncob activated carbon as electrode material for enhanced supercapacitor performance	DIEGO RAMON LOBATO PERALTA DULCE MARIA ARIAS LIZARRAGA ANA KARINA CUENTAS GALLEGOS et al.	Journal of Energy Storage	2022
30	Understanding the heterogeneous catalytic mechanisms of glycerol carbonate synthesis on oil palm ash surface: A density functional theory approach	UGOCHUKWU PATRICK OKOYE ADRIANA MARGARITA LONGORIA HERNANDEZ JESUS MUÑIZ SORIA et al.	Fuel	2022
31	A review: silicate ceramic-polymer composite scaffold for bone tissue engineering	UGOCHUKWU PATRICK OKOYE Ahmadipour M. Mohammadi H. et al.	INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS	2022
32	Waste biomass valorization for the production of biofuels and value-added products: A comprehensive review of thermochemical, biological and integrated processes	UGOCHUKWU PATRICK OKOYE Okolie J.A. Epelle E.I. et al.	PROCESS SAFETY AND ENVIRONMENTA L PROTECTION	2022
33	A Review on Current Trends in Biogas Production from Miroalgae Biomass and Microalgae Waste by Anaerobic Digestion and Co-digestion	LAURA GABRIELA VARGAS ESTRADA ADRIANA MARGARITA LONGORIA HERNANDEZ EMILIO ARENAS GUERRERO et al.	BioEnergy Research	2022
34	Continuous biodiesel production: A review of advances in catalysis, microfluidic and cavitation reactors	UGOCHUKWU PATRICK OKOYE Okolie J.A. Ivan Escobar J. et al.	Fuel	2022

## UGOCHUKWU PATRICK OKOYE

35	A review on bi/multifunctional catalytic oxydehydration of bioglycerol to acrylic acid: Catalyst type, kinetics, and reaction mechanism	UGOCHUKWU PATRICK OKOYE Abdullah A. Abdullah A.Z. et al.	CANADIAN JOURNAL OF CHEMICAL ENGINEERING	2022
36	A review on bioenergetic applications of <i>Leucaena leucocephala</i>	UGOCHUKWU PATRICK OKOYE JOSEPH SEBASTIAN PATHIYAMATTOM Alemán-Ramirez J.L. et al.	INDUSTRIAL CROPS AND PRODUCTS	2022
37	Thermocatalytic routes and reactor strategies for valorization of biodiesel-derived glycerol to fuels	UGOCHUKWU PATRICK OKOYE DULCE MARIA ARIAS LIZARRAGA JOSEPH SEBASTIAN PATHIYAMATTOM et al.	APPLIED THERMAL ENGINEERING	2022
38	Carbodiimide-Assisted Synthesis of High Purity Bis(cyclic carbonate) Under Atmospheric Conditions for Preparation of Non-Isocyanate Polyurethane	UGOCHUKWU PATRICK OKOYE Eltayeb M. Li S.X. et al.	JOURNAL OF POLYMERS AND THE ENVIRONMENT	2021
39	Energy and nutrients recovery from wastewater cultivated microalgae: Assessment of the impact of wastewater dilution on biogas yield	LAURA GABRIELA VARGAS ESTRADA ADRIANA MARGARITA LONGORIA HERNANDEZ UGOCHUKWU PATRICK OKOYE et al.	BIORESOURCE TECHNOLOGY	2021
40	Long-term semi-continuous production of carbohydrate-enriched microalgae biomass cultivated in low-loaded domestic wastewater	UGOCHUKWU PATRICK OKOYE DULCE MARIA ARIAS LIZARRAGA Solís-Salinas C.E. et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2021
41	Preparation of a heterogeneous catalyst from moringa leaves as a sustainable precursor for biodiesel production	ADRIANA MARGARITA LONGORIA HERNANDEZ UGOCHUKWU PATRICK OKOYE JOSEPH SEBASTIAN PATHIYAMATTOM et al.	Fuel	2021
42	Natural and Low-Cost P. turgidum for Efficient Adsorption of Hg(II) Ions from Contaminated Solution: Isotherms and Kinetics Studies	UGOCHUKWU PATRICK OKOYE A. Hashem M. A. Sanousy et al.	JOURNAL OF POLYMERS AND THE ENVIRONMENT	2021
43	A review on trends in lignin extraction and valorization of lignocellulosic biomass for energy applications	DIEGO RAMON LOBATO PERALTA HEIDI ISABEL VILLAFAN VIDALES ADRIANA MARGARITA LONGORIA HERNANDEZ et al.	JOURNAL OF CLEANER PRODUCTION	2021
44	Recycling industrial wastewater for improved carbohydrate-rich biomass production in a semi-continuous photobioreactor: Effect of hydraulic retention time	UGOCHUKWU PATRICK OKOYE JOSEPH SEBASTIAN PATHIYAMATTOM DULCE MARIA ARIAS LIZARRAGA et al.	JOURNAL OF ENVIRONMENTA L MANAGEMENT	2021



**UGOCHUKWU PATRICK OKOYE**

45	Advances in activated carbon modification, surface heteroatom configuration, reactor strategies, and regeneration methods for enhanced wastewater treatment	DIEGO RAMON LOBATO PERALTA ALEJANDRO AYALA CORTES DULCE MARIA ARIAS LIZARRAGA et al.	Journal of Environmental Chemical Engineering	2021
46	A review on cyanobacteria cultivation for carbohydrate-based biofuels: Cultivation aspects, polysaccharides accumulation strategies, and biofuels production scenarios	DULCE MARIA ARIAS LIZARRAGA UGOCHUKWU PATRICK OKOYE ARGELIA BALBUENA ORTEGA et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2021
47	Polymer superabsorbent from disposable diaper as a sustainable precursor for the development of stable supercapacitor electrode	DIEGO RAMON LOBATO PERALTA DULCE MARIA ARIAS LIZARRAGA UGOCHUKWU PATRICK OKOYE	Journal of Energy Storage	2021
48	Utilization of biochars as sustainable catalysts for upgrading of glycerol from biodiesel production	UGOCHUKWU PATRICK OKOYE Shikhaliyev K. Hameed B.H.	Journal of Environmental Chemical Engineering	2021
49	Dark-Fenton oxidative degradation of methylene blue and acid blue 29 dyes using sulfuric acid-activated slag of the steel-making process	UGOCHUKWU PATRICK OKOYE Nasuha N. Hameed B.H.	Journal of Environmental Chemical Engineering	2021
50	Microporous Erionite-activated Carbon Composite From Oil Palm Ash for Doxycycline Antibiotic Removal	UGOCHUKWU PATRICK OKOYE Khanday W.A. Khanday S.A. et al.	ENVIRONMENTAL PROCESSES-AN INTERNATIONAL JOURNAL	2021
51	Activated carbon from wasp hive for aqueous electrolyte supercapacitor application	DIEGO RAMON LOBATO PERALTA DULCE MARIA ARIAS LIZARRAGA ANA KARINA CUENTAS GALLEGOS et al.	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	2021
52	Using Diaper Waste to Prepare Magnetic Catalyst for the Synthesis of Glycerol Carbonate	UGOCHUKWU PATRICK OKOYE Wang J. Liang Y. et al.	INTERNATIONAL JOURNAL OF POLYMER SCIENCE	2020
53	Adsorption of Cationic Dyes on Dacryodes edulis Seeds Activated Carbon Modified Using Phosphoric Acid and Sodium Chloride	UGOCHUKWU PATRICK OKOYE Chinenye Adaobi Igwegbe Okechukwu Dominic Onukwuli et al.	ENVIRONMENTAL PROCESSES-AN INTERNATIONAL JOURNAL	2020
54	Application of Corn cob Residue-derived Catalyst in the Transesterification of Glycerol with Dimethyl Carbonate to Synthesize Glycerol Carbonate	UGOCHUKWU PATRICK OKOYE Song Wang Jianye Wang et al.	Bioresources	2020

**UGOCHUKWU PATRICK OKOYE**

55	A review on recent trends in reactor systems and azeotrope separation strategies for catalytic conversion of biodiesel-derived glycerol	UGOCHUKWU PATRICK OKOYE ADRIANA MARGARITA LONGORIA HERNANDEZ JOSEPH SEBASTIAN PATHIYAMATTOM et al.	SCIENCE OF THE TOTAL ENVIRONMENT	2020
56	Role of nanoparticles on microalgal cultivation: A review	LAURA GABRIELA VARGAS ESTRADA ADRIANA MARGARITA LONGORIA HERNANDEZ DULCE MARIA ARIAS LIZARRAGA et al.	Fuel	2020
57	Water glass derived catalyst for the synthesis of glycerol carbonate via the transesterification reaction between glycerol and dimethyl carbonate	UGOCHUKWU PATRICK OKOYE Xu L. Wang S. et al.	JOURNAL OF THE SERBIAN CHEMICAL SOCIETY	2019
58	Calcium extraction and synthesis of precipitated calcium carbonate from Mg-rich dolomite	UGOCHUKWU PATRICK OKOYE Jimoh O.A. Mathew T.G. et al.	INTERNATIONAL CONFERENCES & EXHIBITION ON NANOTECHNOLOGIES, ORGANIC ELECTRONICS & NANOMEDICINE, NANOTECHNOLOGY 2020, PT 1	2019
59	Promotional effect of calcination temperature on structural evolution, basicity, and activity of oil palm empty fruit bunch derived catalyst for glycerol carbonate synthesis	UGOCHUKWU PATRICK OKOYE Wang S. Xu L. et al.	ENERGY CONVERSION AND MANAGEMENT	2019
60	High-performance porous biochar from the pyrolysis of natural and renewable seaweed ( <i>Gelidiella acerosa</i> ) and its application for the adsorption of methylene blue	UGOCHUKWU PATRICK OKOYE Ahmed M.J. Hummadi E.H. et al.	BIORESOURCE TECHNOLOGY	2019
61	Single-step pyrolysis of phosphoric acid-activated chitin for efficient adsorption of cephalexin antibiotic	UGOCHUKWU PATRICK OKOYE Khanday W.A. Ahmed M.J. et al.	BIORESOURCE TECHNOLOGY	2019
62	Disposable baby diapers waste derived catalyst for synthesizing glycerol carbonate by the transesterification of glycerol with dimethyl carbonate	UGOCHUKWU PATRICK OKOYE Wang S. Wang J. et al.	JOURNAL OF CLEANER PRODUCTION	2019



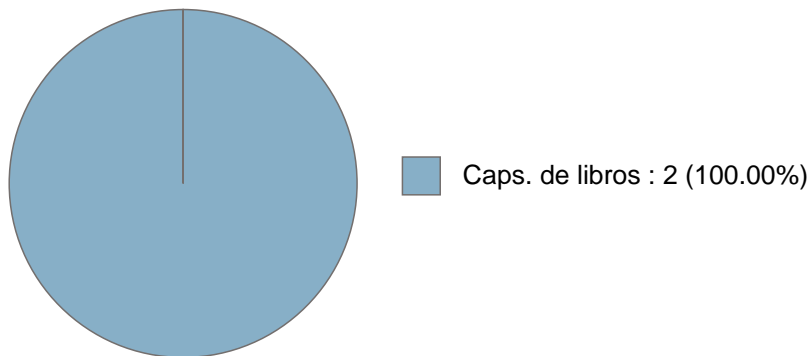
**UGOCHUKWU PATRICK OKOYE**

63	Transesterification of biodiesel byproduct glycerol and dimethyl carbonate over porous biochar derived from pyrolysis of fishery waste	UGOCHUKWU PATRICK OKOYE Shikhaliyev K. Hameed B.H.	ENERGY CONVERSION AND MANAGEMENT	2018
64	Aragonite precipitated calcium carbonate from magnesium rich carbonate rock for polyethersulfone hollow fibre membrane application	UGOCHUKWU PATRICK OKOYE Jimoh O.A. Otitoju T.A. et al.	JOURNAL OF CLEANER PRODUCTION	2018
65	A review on recent developments and progress in the kinetics and deactivation of catalytic acetylation of glycerol?A byproduct of biodiesel	UGOCHUKWU PATRICK OKOYE Abdullah A.Z. Hameed B.H.	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	2017
66	Synthesis of oxygenated fuel additives via glycerol esterification with acetic acid over bio-derived carbon catalyst	UGOCHUKWU PATRICK OKOYE Abdullah A.Z. Hameed B.H.	Fuel	2017
67	Stabilized ladle furnace steel slag for glycerol carbonate synthesis via glycerol transesterification reaction with dimethyl carbonate	UGOCHUKWU PATRICK OKOYE Abdullah A.Z. Hameed B.H.	ENERGY CONVERSION AND MANAGEMENT	2017
68	Continuous synthesis of precipitated calcium carbonate using a tubular reactor with the aid of aloe vera (Aloe barbadensis Miller) extract as a green morphological modifier	UGOCHUKWU PATRICK OKOYE Jimoh O.A. Ariffin K.S. et al.	JOURNAL OF CLEANER PRODUCTION	2017
69	Review on recent progress in catalytic carboxylation and acetylation of glycerol as a byproduct of biodiesel production	UGOCHUKWU PATRICK OKOYE Hameed B.H.	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	2016

**UGOCHUKWU PATRICK OKOYE**

**LIBROS Y CAPITULOS CON ISBN**

**Obras con registro ISBN**

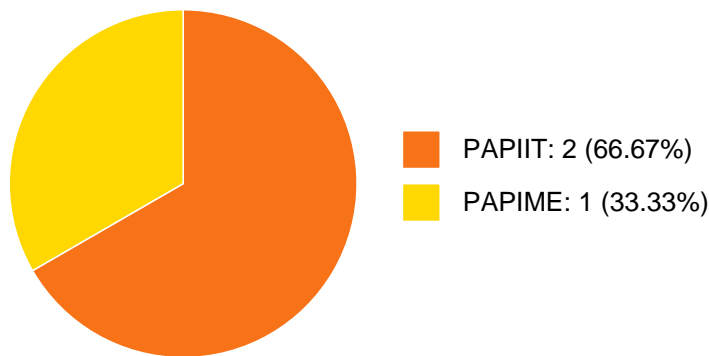


#	Título	Autores	Alcance	Año	ISBN
1	Plant-based Materials for Energy Application	UGOCHUKWU PATRICK OKOYE DIEGO RAMON LOBATO PERALTA ESTEFANIA DUQUE BRITO et al.	Capítulo de un Libro	2024	9783527839032
2	Yeast?plant interactions for phytoremediation of contaminated soils	DULCE MARIA ARIAS LIZARRAGA UGOCHUKWU PATRICK OKOYE	Capítulo de un Libro	2023	978032395449 5

**UGOCHUKWU PATRICK OKOYE**

**PARTICIPACIÓN EN PROYECTOS**

**Histórico de participación en proyectos**

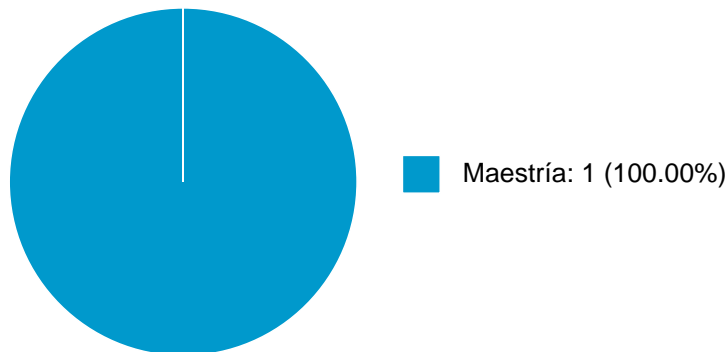


#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Mejoramiento de bioglicerol a sustancias químicas finas utilizando catalizadores heterogéneos derivados de biomasa residual.	UGOCHUKWU PATRICK OKOYE	Recursos PAPIIT	01-01-2020	31-12-2021
2	Producción de carbón activado derivado de biomasa de alto rendimiento para aplicaciones de almacenamiento de hidrógeno electroquímico	UGOCHUKWU PATRICK OKOYE	Recursos PAPIIT	01-01-2022	31-12-2023
3	DESARROLLO DE ESTRUCTURAS CATALITICAS IMPRESAS EN 3D Y MILIREACTORES PARA APOYAR LA ENSEÑANZA-APRENDIZAJE EXPERIMENTAL Y TEORICA DE BIOENERGIA A NIVEL DE LICENCIATURA	UGOCHUKWU PATRICK OKOYE	Recursos PAPIME	01-01-2023	31-12-2023

**UGOCHUKWU PATRICK OKOYE**

**PARTICIPACIÓN EN TESIS**

**Histórico de Colaboraciones en Tesis**

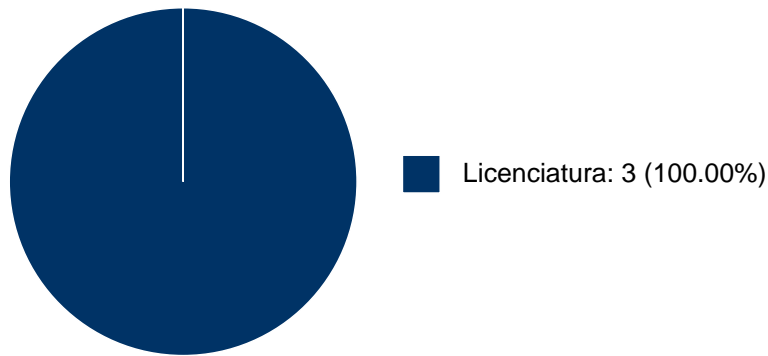


#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Development and characterization of reusable activated carbon from macadamia nut shell for amoxicillin and methylene blue dye adsorption	Tesis de Maestría	UGOCHUKWU PATRICK OKOYE,	Duque Brito, Estefanía,	Instituto de Energías Renovables,	2023

**UGOCHUKWU PATRICK OKOYE**

**DOCENCIA IMPARTIDA**

**Histórico de docencia**



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	HIDROGENO Y ENERGIA	Centro de Investigación en Energía	10	2024-2
2	Licenciatura	HIDROGENO Y ENERGIA	Centro de Investigación en Energía	16	2023-2
3	Licenciatura	TEMAS SELEC. TECNOL.ENERG.RENOVABL.	Centro de Investigación en Energía	1	2021-2



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



**UGOCHUKWU PATRICK OKOYE**

**PATENTES**

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

**UGOCHUKWU PATRICK OKOYE**



**UGOCHUKWU PATRICK OKOYE**

**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