



EDGAR ONOFRE BUSTAMANTE

Datos Generales

Nombre: EDGAR ONOFRE BUSTAMANTE

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 6 años, 9 meses, 28 días

Nombramientos

Último: PROFESOR ASIGNATURA A TP No Definitivo
Facultad de Química
Desde 01-02-2009 hasta 31-07-2009

Estímulos, programas, premios y reconocimientos

SNI I 2013 - 2023

SNI C 2010 - 2012

PEPASIG Nivel C (Doctorado) 2009, 12 horas asignadas

PEPASIG Nivel B (Maestría) 2009, 12 horas asignadas

PEPASIG Nivel B (Maestría) 2008, 9 horas asignadas

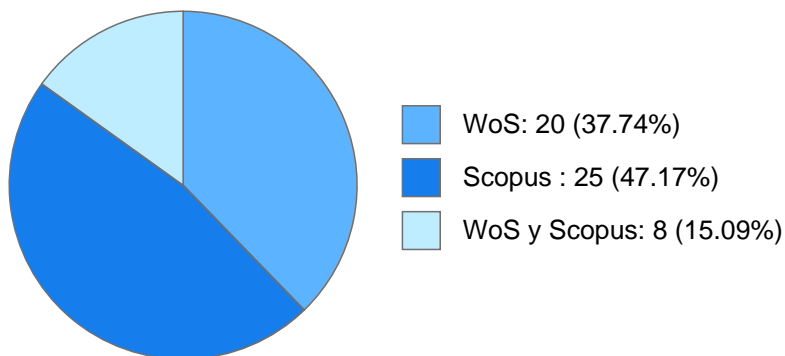
PEPASIG Nivel B (Maestría) 2008, 6 horas asignadas

PEPASIG Nivel B (Maestría) 2008, 3 horas asignadas

PASPA Estancias Posdoctorales en el extranjero 2009 - 2010

DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Osteoblast biocompatibility and inhibition of bacterial adhesion to thermally and chemically treated TiAlV alloy	EDGAR ONOFRE BUSTAMANTE Tavarez-Martínez G. Criado B. et al.	REVISTA DE METALURGIA	2021
2	Evaluation of TiO ₂ /CeO ₂ coating on Ti6Al4V alloy in PBS physiological medium using conventional and near field electrochemical techniques	EDGAR ONOFRE BUSTAMANTE Tavarez-Martínez G.M. De La Cruz-Terrazas E.C. et al.	APPLIED SURFACE SCIENCE	2019
3	Dataset of the synthesis parameters to deposit YSZ on stainless steel AISI 316L by sputtering technique	EDGAR ONOFRE BUSTAMANTE Sánchez-Hernández Z.E. Domínguez-Crespo M.A. et al.	Data in Brief	2019
4	Study of reinforcing steel corrosion behaviour treated by bluing and cerium chemical conversion treatments, part I: Conventional electrochemical techniques	EDGAR ONOFRE BUSTAMANTE Montiel-García A. Escudero-Rincón M.L. et al.	CEMENT CONCRETE COMP	2018
5	Surface Modifications to the Ti6Al4V Alloy for Improvement as Biomaterial	JOSE FERNANDO FLORES ALVAREZ FRANCISCO JAVIER RODRIGUEZ GOMEZ EDGAR ONOFRE BUSTAMANTE	ECS Transactions	2018



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6	Electrochemical alternative to obtain reduced graphene oxide by pulse potential: Effect of synthesis parameters and study of corrosion properties	EDGAR ONOFRE BUSTAMANTE López-Oyama A.B. Domínguez-Crespo M.A. et al.	DIAMOND AND RELATED MATERIALS	2018
7	Fabrication of Sputtered Ce/La, La/Ce Oxide Bilayers on AA6061 and AA7075 Aluminum Alloys for the Development of Corrosion Protective Coatings	SANDRA ELIZABETH RODIL POSADA EDGAR ONOFRE BUSTAMANTE Brachetti-Sibaja S.B. et al.	Materials	2018
8	Dataset on electrochemical reduced graphene oxide production: Effect of synthesis parameters	EDGAR ONOFRE BUSTAMANTE López-Oyama A.B. Domínguez-Crespo M.A. et al.	Data in Brief	2018
9	PAni/SBR composite as anticorrosive coating for carbon steel, part II: electrochemical characterization	EDGAR ONOFRE BUSTAMANTE De León-Almazán C.M. Rivera-Armenta J.L. et al.	POLYMER BULLETIN	2017
10	Study of the electrochemical behavior of a Ti6Al4V alloy modified by heat treatments and chemical conversion	JOSE FERNANDO FLORES ALVAREZ FRANCISCO JAVIER RODRIGUEZ GOMEZ EDGAR ONOFRE BUSTAMANTE et al.	SURFACE & COATINGS TECHNOLOGY	2017
11	Role of Preparation Method on the Microstructure and Mechanical Properties of PPy/Ni Organic-Inorganic Hybrid Bilayer Coatings on Carbon Steel	EDGAR ONOFRE BUSTAMANTE Torres-Huerta A.M. Dominguez-Crespo M.A. et al.	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE	2015
12	Corrosion studies of PPy/Ni organic-inorganic hybrid bilayer coatings on commercial carbon steel	EDGAR ONOFRE BUSTAMANTE Domínguez-Crespo M.A. Torres-Huerta A.M. et al.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2015
13	Improvement of adhesion and barrier properties of biomedical stainless steel by deposition of YSZ coatings using RF magnetron sputtering	EDGAR ONOFRE BUSTAMANTE Sanchez-Hernandez, Z. E. Dominguez-Crespo, M. A. et al.	MATERIALS CHARACTERIZATION	2014
14	Effect of ZrO ₂ :SiO ₂ dispersion on the thermal stability, mechanical properties and corrosion behavior of hybrid coatings deposited on carbon steel	EDGAR ONOFRE BUSTAMANTE Del Ángel-Lopez, D. Torres-Huerta, A. M. et al.	JOURNAL OF ALLOYS AND COMPOUNDS	2014
15	Rare earth conversion coatings grown on AA6061 aluminum alloys. Corrosion studies	AIDE MINERVA TORRES HUERTA EDGAR ONOFRE BUSTAMANTE WENCEL JOSE DE LA CRUZ HERNANDEZ et al.	Journal Of The Mexican Chemical Society	2014



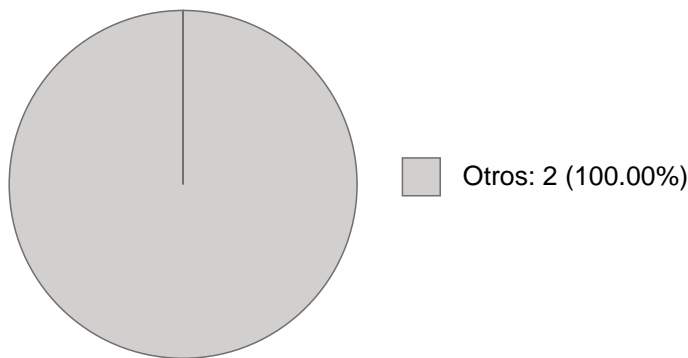
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16	Corrosion behaviour of Mg-Zn-Y-Mischmetal alloys in phosphate buffer saline solution	EDGAR ONOFRE BUSTAMANTE Perez, P. Cabeza, S. et al.	CORROSION SCIENCE	2013
17	Response of MC3T3-E1 osteoblasts, L929 fibroblasts, and J774 macrophages to fluoride surface-modified AZ31 magnesium alloy	EDGAR ONOFRE BUSTAMANTE Lozano R.M. Pérez-Maceda B.T. et al.	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A	2013
18	Characterization of ZrO ₂ thin films deposited by MOCVD as ceramic coatings	EDGAR ONOFRE BUSTAMANTE Torres-Huerta, A. M. Dominguez-Crespo, M. A. et al.	JOURNAL OF MATERIALS SCIENCE	2012
19	Characterization of modified Ti6Al4V alloy after fretting-corrosion tests using near-field microscopy	EDGAR ONOFRE BUSTAMANTE Billi, F. Ebramzadeh, E. et al.	SURFACE & COATINGS TECHNOLOGY	2012
20	Development of corrosion coatings by controlled chemical precipitation method for biomedical applications using AISI 316 L stainless steel	EDGAR ONOFRE BUSTAMANTE Ortega Clemente A.I. Domínguez-Crespo M.A. et al.	ECS Transactions	2011
21	Characterization of roughness and pitting corrosion of surfaces modified by blasting and thermal oxidation	EDGAR ONOFRE BUSTAMANTE Barranco, V. Escudero, M. L. et al.	SURFACE & COATINGS TECHNOLOGY	2010
22	Optimisation of the phosphate conversion treatment for generating protective coatings	EDGAR ONOFRE BUSTAMANTE A. Olvera Martinez ARTURO BARBA PINGARRON et al.	REVISTA DE METALURGIA	2010
23	Characterization of ceramic sol-gel coatings as an alternative chemical conversion treatment on commercial carbon steel	EDGAR ONOFRE BUSTAMANTE Dominguez-Crespo, M. A. Garcia-Murillo, A. et al.	ELECTROCHIMICA ACTA	2009
24	Synthesis and Characterization of Chromate Conversion Coatings on GALVALUME and Galvanized Steel Substrates	M. A. Dominguez Crespo EDGAR ONOFRE BUSTAMANTE FRANCISCO JAVIER RODRIGUEZ GOMEZ et al.	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE	2009
25	Characterization of cerium-based conversion coatings for corrosion protection of AISI-1010 commercial carbon steel	EDGAR ONOFRE BUSTAMANTE A. Olvera Martinez JUAN GENESCA LLONGUERAS et al.	JOURNAL OF SOLID STATE ELECTROCHEMISTRY	2009



LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Study of corrosion behavior of Ti6Al4V alloy and stability of TiO ₂ films thermally obtained and doped with lanthanum salt	JOSE FERNANDO FLORES ALVAREZ FRANCISCO JAVIER RODRIGUEZ GOMEZ EDGAR ONOFRE BUSTAMANTE et al.	Conferencia Paper	2015	9781510837379
2	Characterization microstructural and corrosion performance heat treated in a new Al-Mg-Zn alloy by: Optic microscopy, SEM, corrosion test and microstructural predictions using thermocalc	ALINE HERNANDEZ GARCIA BERNARDO FABIAN CAMPILLO ILLANES EDGAR ONOFRE BUSTAMANTE et al.	Conferencia Paper	2009	9780873397353



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Dirección General de Evaluación Institucional
Reporte de Producción Académica



EDGAR ONOFRE BUSTAMANTE

PARTICIPACIÓN EN PROYECTOS

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

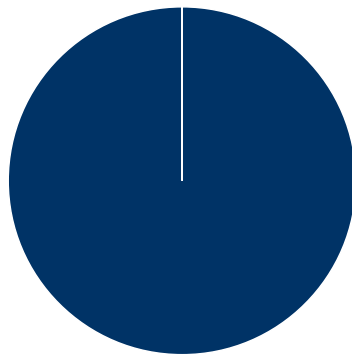
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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



Licenciatura: 3 (100.00%)

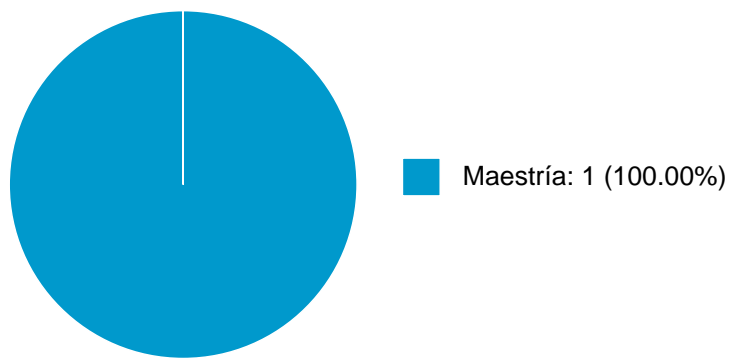
Table with 7 columns: #, Título del documento, Tipo de Tesis, Sinodales, Autores, Entidad, Año. It lists three theses from 2006 and 2007.



EDGAR ONOFRE BUSTAMANTE

DOCENCIA IMPARTIDA

Histórico de docencia



#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Maestría	TECNICAS EXPERIMENTALES EN METALURGIA	Facultad de Química	3	2009-1



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TUTORIAS EN POSGRADO

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PATENTES

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

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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	2008-2023
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