



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



EDITH CATALINA LOPEZ HERNANDEZ

Datos Generales

Nombre: EDITH CATALINA LOPEZ HERNANDEZ

Máximo nivel de estudios: LICENCIATURA

Antigüedad académica en la UNAM: 32 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR C TC Definitivo
Instituto de Fisiología Celular
Desde 01-08-2009

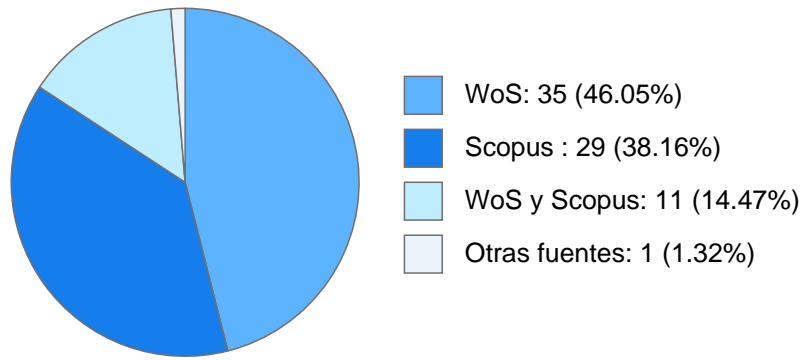
Estímulos, programas, premios y reconocimientos

SNI I 2011 - 2021
SNI C 2009 - 2010
PRIDE C - 2024

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Diversification of PAR signaling through receptor crosstalk	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	CELLULAR & MOLECULAR BIOLOGY LETTERS	2022
2	The PKC-zeta pseudosubstrate peptide induces glutamate release from retinal pigment epithelium cells through kinase-independent activation of Best1	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME et al.	LIFE SCIENCES	2021
3	Thrombin-activated PAR1 membrane expression is regulated by Rab11a-RCP complex dissociation	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME et al.	CELLULAR SIGNALLING	2020
4	Thrombin induces Ca ²⁺ -dependent glutamate release from RPE cells mediated by PLC/PKC and reverse Na ⁺ /Ca ²⁺ exchange	EDITH CATALINA LOPEZ HERNANDEZ IRENE LEE RIVERA ANA MARIA LOPEZ COLOME et al.	MOLECULAR VISION	2019
5	PAR1 activation induces Glutamate release from RPE cells that is Ca ²⁺ and PKC-dependent	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE	2019

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6	Thrombin-induced Ca ²⁺ increase and subsequent calpain activation promotes Protease-Activated Receptor 1 (PAR1) internalization.	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ ARTURO HERNANDEZ CRUZ et al.	MOLECULAR BIOLOGY OF THE CELL	2018
7	Myristoylated PKC-zeta pseudosubstrate peptide induces Glutamate release in RPE cells	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	MOLECULAR BIOLOGY OF THE CELL	2018
8	Thrombin-induced calpain activation promotes protease-activated receptor 1 internalization	ADRIAN FERNANDO ALVAREZ IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ et al.	International Journal Of Cell Biology	2017
9	Study of the Si-28(d,α)Al-26 nuclear reaction at low energies	VICTORIA ISABEL ARAUJO ESCALONA LUIS ARMANDO ACOSTA SANCHEZ EDUARDO ANDRADE IBARRA et al.	Physics Procedia	2017
10	Paxillin: A crossroad in pathological cell migration	ANA MARIA LOPEZ COLOME IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ et al.	JOURNAL OF HEMATOLOGY & ONCOLOGY	2017
11	FAK phosphorylation plays a central role in thrombin-induced RPE cell migration	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME et al.	CELLULAR SIGNALLING	2017
12	PAR1 activation induces calcium-dependent glutamate release from RPE cells	ANA MARIA LOPEZ COLOME IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ	JOURNAL OF NEUROCHEMISTRY	2017
13	Glutamate Receptor Stimulation Up-Regulates Glutamate Uptake in Human Muller Glia Cells	ANA MARIA LOPEZ COLOME EDITH CATALINA LOPEZ HERNANDEZ Mendez-Flores, Orquidia G. et al.	NEUROCHEMICAL RESEARCH	2016
14	Molecular mechanisms that control thrombin-induced cyclin D1 expression in Retinal Pigment Epithelium	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME et al.	MOLECULAR BIOLOGY OF THE CELL	2015
15	Thrombin promotes glutamate release from Retinal Pigment Epithelium cells	EDITH CATALINA LOPEZ HERNANDEZ IRENE LEE RIVERA ANA MARIA LOPEZ COLOME	MOLECULAR BIOLOGY OF THE CELL	2015
16	Thrombin promotes the expression of Ccnd1 gene in RPE cells through the activation of converging signaling pathways	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ Alejandro PARRALES et al.	EXPERIMENTAL EYE RESEARCH	2015
17	The role of Thrombin in proliferation of human Muller Gl Cells.	IRENE LEE RIVERA M. G. Carranza Perez EDITH CATALINA LOPEZ HERNANDEZ et al.	MOLECULAR BIOLOGY OF THE CELL	2014
18	ERK1/2-dependent activation of mTOR/mTORC1/p70S6K regulates thrombin-induced RPE cell proliferation	Alejandro PARRALES EDITH CATALINA LOPEZ HERNANDEZ IRENE LEE RIVERA et al.	CELLULAR SIGNALLING	2013

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19	ERK1/2-dependent activation of mTOR/mTORC1/p70S6K mediates thrombin-induced RPE cell proliferation.	ANA MARIA LOPEZ COLOME A. Parrales EDITH CATALINA LOPEZ HERNANDEZ	MOLECULAR BIOLOGY OF THE CELL	2013
20	Glutamate transporter-dependent mTOR phosphorylation in Muller glia cells	ANA MARIA LOPEZ COLOME EDITH CATALINA LOPEZ HERNANDEZ Martinez-Lozada, Zila et al.	Asn Neuro	2012
21	Thrombin stimulates stress fiber assembly in RPE cells by PKC/CPI-17-mediated MLCP inactivation	Ariadna Yolanda Ruiz Loreda EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	EXPERIMENTAL EYE RESEARCH	2012
22	Thrombin promotes cyclin D1 upregulation and RPE cell proliferation through the activation of Akt.	A. Parrales EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	MOLECULAR BIOLOGY OF THE CELL	2011
23	Thrombin Promotes Actin Stress Fiber Formation in RPE Through Rho/ROCK-Mediated MLC Phosphorylation	Ariadna Yolanda Ruiz Loreda EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	JOURNAL OF CELLULAR PHYSIOLOGY	2011
24	Thrombin activation of PI3K/PDK1/Akt signaling promotes cyclin D1 upregulation and RPE cell proliferation	A. Parrales EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR CELL RESEARCH	2011
25	Thrombin Stimulates RPE Cell Proliferation by Promoting c-Fos-Mediated Cyclin D1 Expression	Alejandro Parrales JOSE PRISCO PALMA NICOLAS EDITH CATALINA LOPEZ HERNANDEZ et al.	JOURNAL OF CELLULAR PHYSIOLOGY	2010
26	Thrombin Stimulates RPE Cell Motility by PKC-zeta- and NF-kappa B-Dependent Gene Expression of MCP-1 and CINC-1/GRO Chemokines	JOSE PRISCO PALMA NICOLAS EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	JOURNAL OF CELLULAR BIOCHEMISTRY	2010
27	The activation of MEK-ERK1/2 by glutamate receptor-stimulation is involved in the regulation of RPE proliferation and morphologic transformation	REYNA LIZETTE PACHECO DOMINGUEZ JOSE PRISCO PALMA NICOLAS EDITH CATALINA LOPEZ HERNANDEZ et al.	EXPERIMENTAL EYE RESEARCH	2008
28	Glutamate accelerates RPE cell proliferation through ERK1/2 activation via distinct receptor-specific mechanisms	Sofia Garcia EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	JOURNAL OF CELLULAR BIOCHEMISTRY	2008
29	Serum differentially modifies the transcription and translation of NMDAR subunits in retinal neurons	IRENE LEE RIVERA EDITH CATALINA LOPEZ HERNANDEZ JOSE PRISCO PALMA NICOLAS et al.	NEUROCHEMICAL RESEARCH	2008
30	PKC isoenzymes differentially modulate the effect of thrombin on MAPK-dependent RPE proliferation	JOSE PRISCO PALMA NICOLAS EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME	BIOSCIENCE REPORTS	2008

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31	Profile of antileptospiral antibodies in an apparently healthy human population of Mexico City [Niveles de anticuerpos antileptospira en la población humana aparentemente sana de la Ciudad de México]	EDITH CATALINA LOPEZ HERNANDEZ Benavides P L. Torres B J.	Revista Mexicana de Ciencias Farmaceuticas	2006
32	Glutamate receptors coupled to nitric oxide synthesis in embryonic retina	ANA MARIA LOPEZ COLOME EDITH CATALINA LOPEZ HERNANDEZ	DEVELOPMENTAL NEUROSCIENCE	2003
33	Calcium-independent release of [3H]spermine from chick retina	EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME Calderón F. et al.	BRAIN RESEARCH	2000
34	The adenylate cyclase inhibitor MDL-12330A has a non-specific effect on glycine transport in Muller cells from the retina	EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME Gadea A.	BRAIN RESEARCH	1999
35	Characterization of glycine transport in cultured Muller glial cells from the retina	EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME Gadea A.	Glia	1999
36	[3H]Spermine binding to synaptosomal membranes from the chick retina	ISRAEL PICHARDO CASAS EDITH CATALINA LOPEZ HERNANDEZ ANA MARIA LOPEZ COLOME et al.	BRAIN RESEARCH	1999
37	Preparation of a complete series of single phase homogeneous sol-gels of Al ₂ O ₃ and MgO for basic catalyts	SARA SOLIS VALDEZ OCTAVIO AUGUSTO NOVARO Y PEÑALOZA EDITH CATALINA LOPEZ HERNANDEZ et al.	MATERIALS LETTERS	1997
38	Keys to analyze active lahars from Pinatubo on SAR ERS imagery	EDITH CATALINA LOPEZ HERNANDEZ JEAN FRANCOIS YVES PIERRE PARROT Chorowicz J. et al.	REMOTE SENSING OF ENVIRONMENT	1997



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DOCENCIA IMPARTIDA

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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	2008-2026
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2026
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	2008-2026
9	Documentos Indexados	Thomson Reuters	WoS	2008-2026
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2026
11	Patentes	IMPI	SIGA	2008-2024