



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



PAVEL PETROSYAN

Datos Generales

Nombre: PAVEL PETROSYAN

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 29 años

Nombramientos

Vigente: TECNICO ACADEMICO TITULAR C TC Definitivo
Instituto de Investigaciones Biomédicas
Desde 01-01-2008 (fecha inicial de registros en el SIIA)

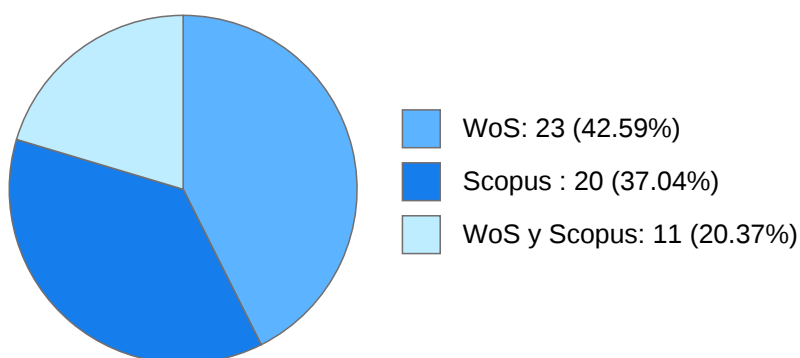
Estímulos, programas, premios y reconocimientos

SNI I 2012 - 2018
SNI I 2008
PRIDE C 2017 - 2024
PRIDE D 2012 - 2017
PRIDE C 2012
PRIDE B 2012
PRIDE Fijo 2009 - 2012
PRIDE C - 2009

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Chronic Exposure to Arsenic and Fluoride Starting at Gestation Alters Liver Mitochondrial Protein Expression and Induces Early Onset of Liver Fibrosis in Male Mouse Offspring	PAVEL PETROSYAN MIGUEL TAPIA RODRIGUEZ ROLANDO EFRAIN HERNANDEZ MUÑOZ et al.	BIOLOGICAL TRACE ELEMENT RESEARCH	2025
2	Geographical approach analysis of the impact of air pollution on newborn intrauterine growth and cord blood DNA damage in Mexico City	NANCY REYNOSO NOVERON PAVEL PETROSYAN JORGE HUMBERTO LIMON PACHECO et al.	JOURNAL OF EXPOSURE SCIENCE AND ENVIRONMENTAL EPIDEMIOLOGY	2024
3	Early Neurotoxic Effects of Inorganic Arsenic Modulate Cortical GSH Levels Associated With the Activation of the Nrf2 and NF kappa B Pathways, Expression of Amino Acid Transporters and NMDA Receptors and the Production of Hydrogen Sulfide	IRMA DANIELA SILVA ADAYA PAVEL PETROSYAN MARIA EUGENIA GONSEBATT BONAPARTE et al.	FRONTIERS IN CELLULAR NEUROSCIENCE	2020
4	Prenatal exposure to particulate matter and ozone: Bulky DNA adducts, plasma isoprostanes, allele risk variants, and neonate susceptibility in the Mexico City Metropolitan Area	MARIA GUADALUPE VELOZ MARTINEZ RAQUEL LOPEZ ARELLANO GABRIELA RODRIGUEZ PATIÑO et al.	ENVIRONMENTAL AND MOLECULAR MUTAGENESIS	2019

PAVEL PETROSYAN

5	Association of the Promoter Methylation and the rs12917 Polymorphism of MGMT with Formation of DNA Bulky Adducts and the Risk of Lung Cancer in Mexican Mestizo Population	REBECA PEREZ MORALES CLEMENTINA CASTRO HERNANDEZ MARIA EUGENIA GONSEBATT BONAPARTE et al.	DNA AND CELL BIOLOGY	2019
6	Systemic L-Buthionine -S-R-Sulfoximine Treatment Increases Plasma NGF and Upregulates L-cys/L-cys2 Transporter and gamma-Glutamylcysteine Ligase mRNAs Through the NGF/TrkA/Akt/Nrf2 Pathway in the Striatum	CESAR VALDOVINOS FLORES JORGE HUMBERTO LIMON PACHECO RENATO LEON RODRIGUEZ et al.	FRONTIERS IN CELLULAR NEUROSCIENCE	2019
7	Benzo[a]pyrene activates an AhR/Src/ERK axis that contributes to CYP1A1 induction and stable DNA adducts formation in lung cells	LETICIA ROCHA ZAVALA MIRIAM RODRIGUEZ SOSA PAVEL PETROSYAN et al.	TOXICOLOGY LETTERS	2018
8	Transplacental Exposure to Air Pollution.	MARIA EUGENIA GONSEBATT BONAPARTE RAQUEL LOPEZ ARELLANO PAVEL PETROSYAN et al.	ENVIRONMENTAL AND MOLECULAR MUTAGENESIS	2018
9	Systemic L-buthionine-S-R-sulfoximine administration modulates glutathione homeostasis via NGF/TrkA and mTOR signaling in the cerebellum	PAVEL PETROSYAN MIGUEL TAPIA RODRIGUEZ CESAR VALDOVINOS FLORES et al.	NEUROCHEMISTRY INTERNATIONAL	2018
10	Gestational exposure to inorganic arsenic modulate amino acid transporters (L-glutamate/cystine and cysteine) and NMDA receptor in mouse brain with memory impairment	PAVEL PETROSYAN ANGELICA ZEPEDA RIVERA MARIA EUGENIA GONSEBATT BONAPARTE et al.	TOXICOLOGY LETTERS	2016
11	Tissue-specific response to low dose ionizing radiation in a murine model	MARIA EUGENIA GONSEBATT BONAPARTE PAVEL PETROSYAN Albarran-Ponce, L. A.	TOXICOLOGY LETTERS	2016
12	Seasonal variations of DNA adducts in mothers and newborns exposed to polycyclic aromatic hydrocarbons in Mexico City	PAVEL PETROSYAN MARIA EUGENIA GONSEBATT BONAPARTE Maciel-Ruiz, J. A. et al.	TOXICOLOGY LETTERS	2016
13	Induction of c-Jun by air particulate matter (PM ₁₀) of Mexico city: Participation of polycyclic aromatic hydrocarbons	MARIA EUGENIA GONSEBATT BONAPARTE JORGE MELENDEZ ZAJGLA PAVEL PETROSYAN et al.	ENVIRONMENTAL POLLUTION	2015
14	Differences in 4-hydroxyestradiol levels in leukocytes are related to CYP1A1*2C, CYP1B1*3 and COMT Val158Met allelic variants	REBECA PEREZ MORALES PAVEL PETROSYAN CLEMENTINA CASTRO HERNANDEZ et al.	Steroids	2015

PAVEL PETROSYAN

15	Bioconversion of Agave tequilana fructans by exo-inulinases from indigenous <i>Aspergillus niger</i> CH-A-2010 enhances ethanol production from raw Agave tequilana juice	CARLOS HUITRON VARGAS ROSALBA PEREZ VILLALVA Luis Gutierrez et al.	JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY	2013
16	The GSTM1null (deletion) and MGMT84 rs12917 (Phe/Phe) haplotype are associated with bulky DNA adduct levels in human leukocytes	Edith Molina JULIETA RUBIO LIGHTBOURN PAVEL PETROSYAN et al.	MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS	2013
17	Seasonal variations in the levels of PAH-DNA adducts in young adults living in Mexico City	WENDY ARGELIA GARCIA SUASTEGUI ALICIA HUERTA CHAGOYA K. L. Carrasco Colin et al.	Mutagenesis	2011
18	Antineoplastic effect of iodine and iodide in dimethylbenz[a]anthracene- induced mammary tumors: Association between lactoperoxidase and estrogen-adduct production	Ofelia Soriano MARIA GUADALUPE DELGADO ROCIO BRENDA ANGUIANO SERRANO et al.	ENDOCRINE-RELATED CANCER	2011
19	Arsenic species, AS3MT amount, and AS3MT gen expression in different brain regions of mouse exposed to arsenite	PAVEL PETROSYAN Mariana Morales NYDIA BERENICE GONZALEZ ANGELES et al.	ENVIRONMENTAL RESEARCH	2010
20	Protection against murine intestinal amoebiasis induced by oral immunization with the 29 kDa antigen of <i>Entamoeba histolytica</i> and cholera toxin	JULIO CESAR CARRERO SANCHEZ A. Contreras Rojas B. Sanchez Hernandez et al.	EXPERIMENTAL PARASITOLOGY	2010
21	<i>Streptomyces bangladeshensis</i> sp. nov., isolated from soil, which produces bis-(2-ethylhexyl)phthalate	MARIA ELENA DEL CARMEN FLORES CARRASCO PAVEL PETROSYAN JOSE MARTIN GARCIA VARELA et al.	INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY	2005
22	<i>Streptomyces mexicanus</i> sp. nov., a xylanolytic micro-organism isolated from soil	PAVEL PETROSYAN JOSE MARTIN GARCIA VARELA AGUSTIN LUZ MADRIGAL et al.	INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY	2003
23	Characterization of a xylanolytic complex from <i>Streptomyces</i> sp.	PAVEL PETROSYAN AGUSTIN LUZ MADRIGAL CARLOS HUITRON VARGAS et al.	BIOTECHNOLOGY LETTERS	2002



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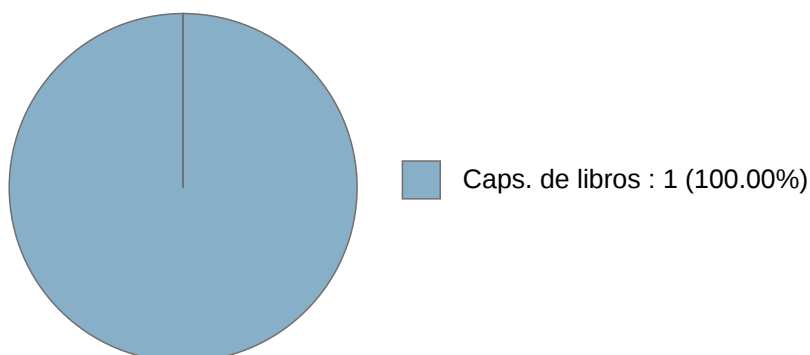
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24	Genes and enzymes of the acetyl cycle of arginine biosynthesis in Corynebacterium glutamicum: Enzyme evolution in the early steps of the arginine pathway	PAVEL PETROSYAN Sakanyan V. Lecocq M. et al.	MICROBIOLOGY 1996 -SGM
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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	PAH-DNA adducts in non-smoking inhabitants of Mexico City	ALICIA HUERTA CHAGOYA PAVEL PETROSYAN JULIETA RUBIO LIGHTBOURN et al.	Capítulo de un Libro	2013	9781622574735



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PARTICIPACIÓN EN PROYECTOS

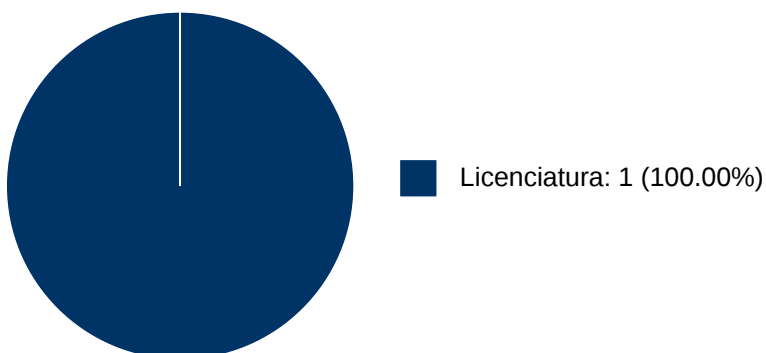
No se encuentran registros en la base de datos de SISEPRO asociados a:

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PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Clonacion y secuenciacion de probables peptidasas de Streptomyces mexicanus sp. nov.	Tesis de Licenciatura	PAVEL PETROSYAN,	Burgos Zepeda, Monica Yolanda,		2005



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DOCENCIA IMPARTIDA

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

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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	2008-2025
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