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Loop profile: 2007936 (http://loop.frontiersin.org/people/2007936/overview?referrer=orcid_profile)

ResearcherID: ABC-6808-2020 (<https://www.webofscience.com/wos/author/record/ABC-6808-2020>)

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Employment (1)

Universidad Complutense de Madrid: Madrid, Madrid,

ES

Employment

Source:EMMA SOLA

Works (47 of 47)

In Vivo Evidence of Melatonin's Protective Role in Alkylating-Agent-Induced Pulmonary Toxicity: A Systematic Review

Antioxidants

2025-06-11 | journal-article

DOI: 10.3390/antiox14060712

Source:Crossref

IMPLEMENTATION OF AN IN SILICO TOXICOLOGY SEMINAR

2025-03 | conference-paper

DOI: 10.21125/inted.2025.0038

Source:Crossref

Melatonin and Cancer: New Insights

2024 | book-chapter

DOI: 10.1007/16833_2024_231

Source:Crossref

Neurodegenerative Proteinopathies Induced by Environmental Pollutants: Heat Shock Proteins and Proteasome as Promising Therapeutic Tools

Pharmaceutics

2023-07-30 | journal-article

DOI: 10.3390/pharmaceutics15082048

Source:Crossref

Bisphenol-A Neurotoxic Effects on Basal Forebrain Cholinergic Neurons In Vitro and In Vivo

Biology

2023-05-28 | journal-article

DOI: 10.3390/biology12060782

Source:Crossref

Cadmium-promoted thyroid hormones disruption mediates ROS, inflammation, A β and Tau proteins production, gliosis, spongiosis and neurodegeneration in rat basal forebrain

Chemico-Biological Interactions

2023-04 | journal-article

DOI: 10.1016/j.cbi.2023.110428

Source:Crossref

External multicentre validation of pseudomyxoma peritonei PSOGI-Ki67 classification

European Journal of Surgical Oncology

2023-03 | journal-article

DOI: 10.1016/j.ejso.2023.03.206

Part of ISSN: 0748-7983

Source:EMMA SOLA

Insulin Signaling Disruption and INF- γ Upregulation Induce A β _{1–42} and Hyperphosphorylated-Tau Proteins Synthesis and Cell Death after Paraquat Treatment of Primary Hippocampal Cells

Chemical Research in Toxicology

2022-12-19 | journal-article

DOI: 10.1021/acs.chemrestox.2c00278

Part of ISSN: 0893-228X

Part of ISSN: 1520-5010

Source:EMMA SOLA

Single and repeated bisphenol A treatment induces ROS, A β and hyperphosphorylated-tau accumulation, and insulin pathways disruption, through HDAC2 and PTP1B overexpression, leading to SN56 cholinergic apoptotic cell death

Food and Chemical Toxicology

2022-12 | journal-article

DOI: 10.1016/j.fct.2022.113500

Source:Crossref

Indocyanine green clearance test as a predictor of chemotherapy liver toxicity and post-operative complications in patients with colorectal liver metastases

Cirugía y Cirujanos

2022-05-13 | journal-article

DOI: 10.24875/ciru.21000313

Part of ISSN: 0009-7411

Source:EMMA SOLA

Cadmium-induced neurotoxic effects on rat basal forebrain cholinergic system through thyroid hormones disruption

Environmental Toxicology and Pharmacology

2022-02 | journal-article

DOI: 10.1016/j.etap.2021.103791

Part of ISSN: 1382-6689

Source:EMMA SOLA

Primary central nervous system angiosarcoma with recurrent acute subdural hematoma

Neurocirugía (English Edition)

2022 | journal-article

DOI: 10.1016/j.neucie.2021.02.005

EID: 2-s2.0-85132312415

Part of ISSN: 25298496

Source:EMMA SOLA via Scopus - Elsevier

Bisphenol A single and repeated treatment increases HDAC2, leading to cholinergic neurotransmission dysfunction and SN56 cholinergic apoptotic cell death through AChE variants overexpression and NGF/TrkA/P75NTR signaling disruption

Food and Chemical Toxicology

2021-11 | journal-article

DOI: 10.1016/j.fct.2021.112614

Source:Crossref

ACQUISITION OF TECHNOLOGIC, CORRELATION AND DEDUCTION SKILLS THROUGH USE OF ICT TOOLS AND PERFORM GLOBAL LEARNING STRATEGIES, RESPECTIVELY, IN TOXICOLOGY STUDENTS

International Conference of Education, Research and Innovation

2021 | conference-paper

DOI: 10.21125/ICERI.2021.0090

Source:Web of Science Researcher Profile Sync

FLIPPED LEARNING METHODOLOGY AND A GLOBAL LEARNING STRATEGY TO MAXIMIZE LEARNING OF TOXICOLOGY STUDENTS

INTED Proceedings

2021 | journal-article

DOI: 10.21125/INTED.2021.0275

Source:Web of Science Researcher Profile Sync

GLOBAL LEARNING STRATEGIES FOR TOXICOLOGY STUDENTS, USING ICT TOOLS

INTED Proceedings

2021 | journal-article

DOI: 10.21125/INTED.2021.0274

Source:Web of Science Researcher Profile Sync

Dysregulation of prostaglandine E2 and BDNF signaling mediated by estrogenic dysfunction induces primary hippocampal neuronal cell death after single and repeated paraquat treatment.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association

2020-07-30 | journal-article

PMID: 32738378

DOI: 10.1016/j.fct.2020.111611

Source:EMMA SOLA

Manganese increases A β and Tau protein levels through proteasome 20S and heat shock proteins 90 and 70 alteration, leading to SN56 cholinergic cell death following single and repeated treatment.

Ecotoxicology and environmental safety

2020-07-14 | journal-article

PMID: 32678756

DOI: 10.1016/j.ecoenv.2020.110975

Source:EMMA SOLA

A comprehensive overview on the molecular biology of human glioma: what the clinician needs to know.

Clinical & translational oncology : official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico

2020-03-28 | journal-article

PMID: 32222898

DOI: 10.1007/s12094-020-02340-8

Source:EMMA SOLA

COMPREHENSIVE METHODOLOGY FOR TOXICOLOGY STUDENTS TO MAXIMIZE LEARNING AND ACADEMIC PERFORMANCE

INTED Proceedings

2020 | journal-article

WOSUID: WOS:000558088800037

Source:Web of Science Researcher Profile Sync

**FLIPPED CLASS METHODOLOGY FOR TOXICOLOGY
STUDENTS TO ACHIEVE STUDENTS LEARNING
AUTONOMY**

INTED Proceedings

2020 | journal-article

WOSUID: WOS:000558088800036

Source: Web of Science Researcher Profile Sync

**Reply to: "Mitochondrial Parkinsonism due to
SPG7/Paraplegin variants with secondary mtDNA
depletion".**

*Movement disorders : official journal of the Movement
Disorder Society*

2019-12-01 | journal-article

PMID: 31845766

DOI: 10.1002/mds.27899

Source: EMMA SOLA

**Imaging and Radiologic-Pathologic Correlation in
Granular Cell Astrocytomas: Report of 2 Cases.**

World neurosurgery

2019-11-04 | journal-article

PMID: 31698124

DOI: 10.1016/j.wneu.2019.10.169

Source: EMMA SOLA

**[Analysis of the clinical impact of the diagnostic
reclassification of brain gliomas according to the World
Health Organization classification (2016)].**

Revista de neurologia

2019-11-01 | journal-article

PMID: 31713226

DOI: 10.33588/rn.6910.2019256

Source: EMMA SOLA

**[Mucin-producing urothelial type prostatic
adenocarcinoma with signet ring cells and increased Ca
19.9 and Cea. Case report and literature review.]**

Archivos espanoles de urologia

2019-09-01 | journal-article

PMID: 31475675

Source: EMMA SOLA

Parkinsonism and spastic paraplegia type 7: Expanding the spectrum of mitochondrial Parkinsonism.

Movement disorders : official journal of the Movement

Disorder Society

2019-08-21 | journal-article

PMID: 31433872

DOI: 10.1002/mds.27812

Source:EMMA SOLA

Late recurrence of medulloblastoma after 17 years of complete remission.

Journal of clinical neuroscience : official journal of the

Neurosurgical Society of Australasia

2019-03-21 | journal-article

PMID: 30905661

DOI: 10.1016/j.jocn.2019.03.028

Source:EMMA SOLA

PERSONALIZED LEARNING OF TOXICOLOGY STUDENTS USING CLICKER SYSTEM APPLICATIONS

INTED2019 Proceedings

2019-03 | book-chapter

DOI: 10.21125/inted.2019.0103

Part of ISBN: 9788409086191

Source:EMMA SOLA

Comprehensive Characterization of a Porcine Model of The "Small-for-Flow" Syndrome.

Journal of gastrointestinal surgery : official journal of the

Society for Surgery of the Alimentary Tract

2019-02-07 | journal-article

PMID: 30734180

DOI: 10.1007/s11605-019-04130-2

Source:EMMA SOLA

Manganese induced ROS and AChE variants alteration leads to SN56 basal forebrain cholinergic neuronal loss after acute and long-term treatment.

Food and chemical toxicology : an international journal

published for the British Industrial Biological Research

Association

2019-02-07 | journal-article

PMID: 30738988

DOI: 10.1016/j.fct.2019.02.012

Source:EMMA SOLA

Adenocarcinoma mucinoso de prOstata tipo urotelial con celulas en anillo de sello y elevaciOn del ca 19.9 y cea. RevisiOn de la literatura a propOsito de un caso

Archivos Espanoles de Urologia

2019 | journal-article

EID: 2-s2.0-85071744479

Part of ISSN: 00040614

Source:EMMA SOLA via Scopus - Elsevier

Mucin-producing urothelial type prostatic adenocarcinoma with signet ring cells and increased Ca 19.9 and CEA. Case report and literature review

Archivos Espanoles de Urologia

2019 | journal-article

WOSUID: WOS:000484058500005

Source:Web of Science Researcher Profile Sync

VIRTUAL REALITY LEARNING OF TOXICOLOGY STUDENTS USING CLICKER SYSTEM APPLICATIONS

INTED Proceedings

2019 | journal-article

WOSUID: WOS:000536018100041

Source:Web of Science Researcher Profile Sync

Assessment of the impact of glioma diagnostic reclassification following the new 2016 WHO classification on a series of cases.

Neurocirugia (Asturias, Spain)

2018-10-23 | journal-article

PMID: 30366644

DOI: 10.1016/j.neucir.2018.09.002

Source:EMMA SOLA

Cadmium alters heat shock protein pathways in SN56 cholinergic neurons, leading to A β and phosphorylated Tau protein generation and cell death.

Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association

2018-09-11 | journal-article

PMID: 30213552

DOI: 10.1016/j.fct.2018.09.016

Source:EMMA SOLA

Misdiagnosis of posterior sequestered lumbar disc herniation: report of three cases and review of the literature.

Spinal cord series and cases

2018-07-06 | journal-article

PMID: 30002916

PMC: PMC6035190

DOI: 10.1038/s41394-018-0100-9

Source:EMMA SOLA

SN56 neuronal cell death after 24 h and 14 days chlorpyrifos exposure through glutamate transmission dysfunction, increase of GSK-3 β enzyme, β -amyloid and tau protein levels.

Toxicology

2018-04-14 | journal-article

PMID: 29665406

DOI: 10.1016/j.tox.2018.04.003

Source:EMMA SOLA

Establishing a porcine model of "Small for Flow Syndrome"

Transplantation

2018 | journal-article

DOI: 10.1097/01.TP.0000544024.78018.C7

WOSUID: WOS:000444541201745

Source:Web of Science Researcher Profile Sync

Cadmium induced ROS alters M1 and M3 receptors, leading to SN56 cholinergic neuronal loss, through AChE variants disruption.

Toxicology

2017-12-15 | journal-article

PMID: 29253600

DOI: 10.1016/j.tox.2017.12.006

Source:EMMA SOLA

Multinodular and vacuolating neuronal tumor of the cerebrum. A rare entity. New case and review of the literature.

Neurocirugia (Asturias, Spain)

2017-10-28 | journal-article

PMID: 29111096

DOI: 10.1016/j.neucir.2017.08.003

Source:EMMA SOLA

Primary hippocampal neuronal cell death induction after acute and repeated paraquat exposures mediated by AChE variants alteration and cholinergic and glutamatergic transmission disruption.

Toxicology

2017-09-12 | journal-article

PMID: 28916328

DOI: 10.1016/j.tox.2017.09.008

Source:EMMA SOLA

Preconditioning by portal vein embolization modulates hepatic hemodynamics and improves liver function in pigs with extended hepatectomy.

Surgery

2017-01-20 | journal-article

PMID: 28117095

DOI: 10.1016/j.surg.2016.12.003

Source:EMMA SOLA

Hippocampal alteration of monoaminergic neurotransmitters biosynthesis and metabolism in CNS in rats, after prenatal and postnatal exposure to chlordimeform, through sex hormones disruption

Medicina Balear

2017 | journal-article

DOI: 10.3306/MEDICINABALEAR.32.03.31

WOSUID: WOS:000417423900005

Source:Web of Science Researcher Profile Sync

Striatal alteration of monoaminergic neurotransmitters systems in rats, after prenatal and postnatal exposure to chlordimeform, through testosterone and estradiol disruption

Medicina Balear

2017 | journal-article

DOI: 10.3306/MEDICINABALEAR.32.02.13

WOSUID: WOS:000407879100002

Source:Web of Science Researcher Profile Sync

Angiocentric Glioma in an Elderly Patient: Case Report and Review of the Literature.*World neurosurgery*

2016-10-15 | journal-article

PMID: 27756673

DOI: 10.1016/j.wneu.2016.10.034

Source:EMMA SOLA

Expanded Endoscopic Transclival Approach for Resection of a Chordoid Meningioma without Dural Attachment (MWODA) Located in the Prepontine Cistern.*World neurosurgery*

2016-05-04 | journal-article

PMID: 27155376

DOI: 10.1016/j.wneu.2016.04.102

Source:EMMA SOLA

[Ectopic intrathyroidal thymus as cause of a solitary thyroid nodule].*Anales de pediatria (Barcelona, Spain : 2003)*

2012-07-10 | journal-article

PMID: 22784565

DOI: 10.1016/j.anpedi.2012.05.023

Source:EMMA SOLA

Peer review (7)

- review activity for **Biomolecules. (2)**
- review activity for **Cells. (2)**
- review activity for **IBRO neuroscience reports. (1)**
- review activity for **Molecules. (4)**
- review activity for **Natural product communications. (1)**
- review activity for **Naunyn-Schmiedeberg's archives of pharmacology. (1)**
- review activity for **Toxics. (2)**

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