

Poster Session 2

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	Jueves 24 de septiembre 2026	
223	Luminescent Sb/Mn hybrid glass materials with tunable emission for photonic and optoelectronic applications	LP
167	Morphological and Luminescent Characterization of Core–Shell Magnetic Nanoparticles	LP
309	Enhanced Blue Photoluminescence in Eu/Ga-Co-Doped Silicon-Rich Oxide Films Deposited by Hot-Filament CVD	LP
335	FROM WASTE LAMPS TO CLEAN WATER: LUMINESCENT POWDERS AS PHOTOCATALYSTS FOR CR(VI) IN AQUEOUS SOLUTIONS	LP
394	Synthesis and Study of Different Black Silicon Morphologies for Optoelectronic Applications	LP
419	Luminescent Nanothermometry: Challenges, Applications, and Emerging Technologies	LP
10	Solvothermal Synthesis of Eu ³⁺ -Doped and Yb ³⁺ Co-Doped YPO ₄ Ceramic Powders	LP
392	LUMINESCENT PROPERTIES OF CsYP2-xO7:Vx BY FREE MERCURY ILLUMINATION APLICATION	LP
88	PHOTOLUMINESCENT AND BIOCOMPATIBILITY ASSESSMENT OF LANTHANIDE-DOPED NB ₂ O ₅ NANOPARTICLES FOR BIOMEDICAL APPLICATIONS	LP
92	LOW-ENERGY SYNTHESIS OF LUMINESCENT HEXAGONAL PEROVSKITE-DERIVED STRUCTURES AND CRYSTAL STRUCTURE RESOLUTION THROUGH A "CHARGE-FLIPPING" ALGORITHM	LP
155	HETEROGENEOUS PHOTOCATALYTIC DEGRADATION OF LEVONORGESTREL USING PHOTOACTIVE PARTICLES	LP
213	Synthesis and characterization of 50CdO-50P2O5 glasses doped with Dy3+	LP
63	USE OF MICROBIAL FUEL CELLS FOR ELECTRICITY GENERATION THROUGH ORGANIC WASTE	NS
156	Correlation of pH evolution and thickness in MnS thin films grown by SILAR	NS
176	Nanometric microscopy with development board	NS
19	Lutetium Oxide with Europium	NS
411	Physicochemical characterization of Al/Mg LDHs synthesized by microwave/ultrasound combined method: a brief overview of their potential applications	NS
65	Ultraviolet light and gas sensing properties of nanostructured α -Bi ₂ O ₃	NS

422	Controlled Growth of Si/SiOx/Sn Core–Shell Nanostructures by Plasma-Assisted VLS Using Dichlorosilane as Silicon Precursor: Toward Advanced Lithium-Ion Battery Anodes	NS
55	Ho ³⁺ doped TiO ₂ Films as Electron Transport Layer in Perovskite Solar Cells	NS
59	Low-Cost Electrochemical Platform for Voltammetric Detection and Degradation of Pharmaceutical Pollutants	NS
152	Preparation of ultrafine Au nanoparticles isolated on CeO ₂ nano-islands as exceptional catalysts in the hydrogenation of 4-nitrophenol	NS
412	Nano and Micro-structured TiO ₂ films: Synthesis by Sputtering, Photolithography and Anodization	NS
274	Synthesis and evaluation of ZnO nanoparticles conjugated with essential oils as a control method against Fusarium oxysporum f.sp cubense race 2	NS
183	Sulfurization of α-MoO ₃ /Ti thin film bilayers to synthesize 2H-MoS ₂ /TiO ₂ heterostructures for optoelectronic applications	NS
161	Room temperature graphene oxide production using endemic bark tree	NS
77	Fabrication of Photonic Crystals with Dual-Nanobeam Architecture Using a Focused Ion Beam System	NS
44	Synthesis, characterization and photocatalytic evaluation of TiO ₂ -MoS ₂ for the degradation of oils in wastewater	NS
34	Synthesis, characterization and photocatalytic evaluation of Ag-modified TiO ₂ for oily wastewater degradation	NS
29	Synthesis, characterization and in vitro evaluation of sorafenib-loaded chitosan and gold-chitosan hybrid nanocarriers	NS
16	Microemulsion-Assisted Synthesis of Fluorinated UiO-66 Nanostructures	NS
116	Hydrothermal Synthesis Assisted by Alkaline Fusion of Zeolite Sodalite from Natural Kaolin and Its Structural and Nanoporous Characterization	NS
132	Fabrication of an MnS/CdS based ultraviolet light sensor using the SILAR technique	NS
21	Green synthesis of ZnO nanoparticles using blueberry, raspberry, blackberry like red fruit extracts for photocatalytic degradation of methylene blue in water.	NS
43	INFLUENCE OF ELECTROPOLISHING AND MAGNETO-ELECTROPOLISHING ON GRADE 2 Ti SUBSTRATES ON THE MORPHOLOGICAL AND OPTOELECTRONIC PROPERTIES OF \$TiO_2\$ FILMS OBTAINED BY ANODIZATION	NS
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333	Controlled Growth of Si/SiOx/Sn Core–Shell Nanostructures by Plasma-Assisted VLS Using Dichlorosilane as Silicon Precursor: Toward Advanced Lithium-Ion Battery Anodes	NS

166	CVD Growth of Mono- and Few-Layer MoS ₂ on SiO ₂ /Si Substrates	NS
177	Surface nano patterning of GaP crystal at various temperatures by a Bi ⁺ ion beam.	NS
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195	Comparative Studies of ZnO Nanowires: Growth, Defects, and Applications	NS
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296	Predictive Python-FDTD/Silvaco Platform for Plasmonic Organic Solar Cells	NS
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9	Determination of Control Parameters for the Formation of CS/PVA Nanofibers via the Electrospinning Method	NS
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