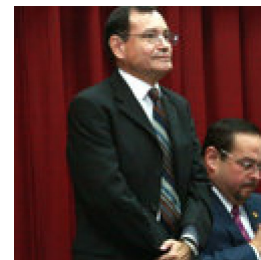


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Bio espectroscopías e imagenologías en nanoplataformas médicas
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Research Interests

Diseño y fabricación de nuevos materiales micro y nanoestructurados, aplicaciones biomédicas, detectores de radiación ionizante y no ionizante. Propiedades ópticas, defectos, termoluminiscencia, luminiscencia ópticamente estimulada en materiales aislantes. Aplicaciones de la termoluminiscencia y la luminiscencia ópticamente estimulada para usos biomédico y detección de alimentos previamente irradiados con fines de esterilización.

Qualifications

PhD, New York University
Award Date: 15 Jun 1988

Employment

Bio espectroscopías e imagenologías en nanoplataformas médicas

Universidad de Sonora
Mexico
1 Jan 1942 → present

Departamento de Investigación en Física

Universidad de Sonora
Mexico
1 Jan 1942 → present

Research outputs

The role of rare earth elements in three-way catalysts: Implications for automobile emission control

Navarro-Espinoza, S., Meza-Figueroa, D., Meléndrez-Amavizca, R., Barboza-Flores, M., Soto-Puebla, D., Ruiz-Torres, R., Silva-Campa, E. & Paz-Moreno, F., Jan 2025, In: *Ceramics International*.

The role of rare earth elements in three-way catalysts: Implications for automobile emission control

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Metal bioaccessibility, particle size distribution and polydispersity of playground dust in synthetic lysosomal fluids

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