

NOMBRE: EGLANTINA JAVIERA BENAVENTE ESPINOSA

ESTUDIOS

ANTECEDENTES ACADÉMICOS	ÁREA DEL CONOCIMIENTO	INSTITUCIÓN	AÑO
TÍTULO PROFESIONAL	Profesor de Estado en Química	Universidad de Talca	1985
MAGÍSTER	---	---	---
DOCTORADO	En Ciencias Químicas	Universidad de Chile	1997
OTROS ESTUDIOS	---	---	---

ACTIVIDADES DOCENTES

NIVEL	ESPECIALIDAD	INSTITUCIÓN	AÑO
PREGRADO	Química General	Bachillerato. Universidad de Chile	1997-1999
PREGRADO	Química Inorgánica	Universidad Tecnológica Metropolitana	1997-Actualidad
POSTGRADOS	---	---	---
DOCTORADO	---	---	---
OTROS	---	---	---

PUBLICACIONES últimos 5 años

TÍTULO	TIPO DE PUBLICACIÓN	AÑO
Electrochemical hydrogen evolution over hydrothermally synthesized Re-doped MoS ₂ flower-like microspheres	ISI	2019
Heterostructured 2D ZnO hybrid nanocomposites sensitized with cubic Cu ₂ O nanoparticles for sunlight photocatalysis.	ISI	2019
Ammonium hexadeca-oxo-heptavanadate microsquares. A new member in the family of the V ₇ O ₁₆ mixed-valence nanostructures.	ISI	2019
Melamine-assisted synthesis of nitrogen-doped ReS ₂ nanosheets/carbon composites.	ISI	2019
Enhancement photocatalytic activity of the heterojunction of two-dimensional hybrid semiconductors ZnO/V ₂ O ₅ .	ISI	2018
Highly emissive host-guest based on nanoclay intercalated with an Eu ³⁺ complex bearing a new Ru ²⁺ organometallic ligand.	ISI	2018
Composites of laminar nanostructured ZnO and VO _x -nanotubes hybrid as Visible Light Active Photocatalysts.	ISI	2018
Heterostructured layered hybrid ZnO/MoS ₂ nanosheets with enhanced visible light photocatalytic activity.	ISI	2018
Low-Dimensional ReS ₂ /C composite as effective hydrodesulfurization catalyst.	ISI	2017
Synthesis and photocatalytic activity of hybrid layered ZnO(myristic acid)/Ag nanoparticles.	ISI	2016
A hybrid organic-inorganic layered TiO ₂ based nanocomposite for sunlight photocatalysis.	ISI	2016
An easy one-pot solvothermal synthesis of poorly crystalline solid ReS ₂ /C microspheres.	ISI	2015

PROYECTOS DE INVESTIGACIÓN EN PROYECTOS CONCURSABLES últimos 5 años

NOMBRE	ROL	AÑO
Design, fabrication and applications of new heterostructured photocatalytic systems for degradation of pollutants and hydrogen generation. Fondecyt 1151189.	Investigador responsable	2015-2018
Hybrid layered wide-band gap semiconductors as building blocks for designing sunlight-driven efficient photocatalytic systems. Fondecyt 1171803.	Co-Investigador	2017-2020
Programa de Financiamiento Basal para Centros de Excelencia CONYCYT FB0807 Centro de Nanociencia y Nanotecnología (CEDENNA).	Investigador Asociado	2010-2017

