



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



AMIN BAHRAMI

Datos Generales

Nombre: AMIN BAHRAMI

Máximo nivel de estudios:

Antigüedad académica en la UNAM: años, meses, días

Nombramientos

Último: OTROS POSDOCTOR POSDOCTOR TC No Definitivo
Instituto de Física
Desde 16-09-2016 hasta 15-09-2018

Estímulos, programas, premios y reconocimientos

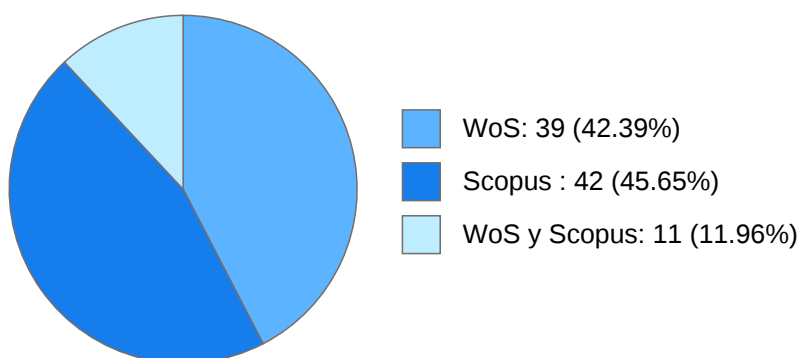
No cuenta con estímulos, programas, premios y reconocimientos

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Invertebrate fauna of the Albion-Lower Cenomanian deposits in the Fars and Isfahan provinces (Firuzabad and Fasakhod sections), Zagros Basin, Central Iran	AMIN BAHRAMI FRANCISCO JAVIER VEGA VERA Sedghi B. et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2023
2	Surface Modification of Bismuth by ALD of Antimony Oxide for Suppressing Lattice Thermal Conductivity	AMIN BAHRAMI He S. Yang J. et al.	Acs Applied Energy Materials	2022
3	Structural and Electrochemical Properties of Layered P2-Na0.8 Co0.8 Ti0.2 O2 Cathode in Sodium-Ion Batteries	AMIN BAHRAMI Pohle B. Gorbunov M.V. et al.	Energies	2022
4	Characteristics of ALD-ZnO Thin Film Transistor Using H2O and H2O2 as Oxygen Sources	AMIN BAHRAMI Yang J. Ding X. et al.	ADVANCED MATERIALS INTERFACES	2022
5	Effect of Powder ALD Interface Modification on the Thermoelectric Performance of Bismuth	AMIN BAHRAMI He S. Zhang X. et al.	Advanced Materials Technologies	2022
6	Low-Temperature Atomic Layer Deposition of High-k SbOx for Thin Film Transistors	AMIN BAHRAMI Yang J. Ding X. et al.	ADVANCED ELECTRONIC MATERIALS	2022

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7	Improving the thermoelectric performance of ZrNi(In,Sb)-based double half-Heusler compounds	AMIN BAHRAMI He S. Ying P. et al.	JOURNAL OF MATERIALS CHEMISTRY A	2022
8	Reduced Lattice Thermal Conductivity for Half-Heusler ZrNiSn through Cryogenic Mechanical Alloying	AMIN BAHRAMI Ying P. Wolff U. et al.	ACS APPLIED MATERIALS & INTERFACES	2021
9	High-Performance n-Type Ge-Free Silicon Thermoelectric Material from Silicon Waste	AMIN BAHRAMI Liu Z. Zhang Q. et al.	ACS APPLIED MATERIALS & INTERFACES	2021
10	Current State-of-the-Art in the Interface/Surface Modification of Thermoelectric Materials	AMIN BAHRAMI He S. Lehmann S. et al.	ADVANCED ENERGY MATERIALS	2021
11	Progress and challenges in using sustainable carbon anodes in rechargeable metal-ion batteries	NILOOFAR SOLTANI AMIN BAHRAMI Giebler L. et al.	PROG ENERG COMBUST	2021
12	Crustacea (Isopoda, Anomura, Brachyura) from the Cretaceous of Soh area (NW Isfahan) Central Iran	AMIN BAHRAMI OSCAR GONZALEZ LEON MARIA DE LOURDES SERRANO SANCHEZ et al.	BOLETIN DE LA SOCIEDAD GEOLOGICA MEXICANA	2020
13	Surpassing Cu ₂ Ta Miscibility Barriers Using a High-Current Pulsed Arc	RAFAEL MENDOZA PEREZ AMIN BAHRAMI ROXANA MARISOL CALDERON OLVERA et al.	ADVANCED MATERIALS INTERFACES	2020
14	Improving the Interfacial Reaction Between Cristobalite Silica from Rice Husk and Al ₂ Mg ₂ Si by CVD-Si ₃ N ₄ Deposition	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	WASTE AND BIOMASS VALORIZATION	2020
15	Wear resistance of graphenic-nickel composite coating on austenitic stainless steel	AMIN BAHRAMI Hdz-García H.M. Muñoz-Arroyo R. et al.	MATERIALS LETTERS	2020
16	Waste Recycling in Thermoelectric Materials	AMIN BAHRAMI Schierning G. Nielsch K.	ADVANCED ENERGY MATERIALS	2020
17	Mechanical properties and microstructural stability of CuTa/Cu composite coatings	AMIN BAHRAMI SANDRA ELIZABETH RODIL POSADA Onofre Carrasco C.F. et al.	SURFACE & COATINGS TECHNOLOGY	2019
18	Structural changes in NiO-Ce 0.8 Sm 0.2 O 2-x anode under reducing atmosphere	NILOOFAR SOLTANI LAZARO HUERTA ARCOS AMIN BAHRAMI et al.	MATERIALS CHARACTERIZATION	2019
19	Structure, mechanical properties and corrosion resistance of amorphous Ti-Cr-O coatings	AMIN BAHRAMI STEPHEN MUHL SAUNDERS SANDRA ELIZABETH RODIL POSADA et al.	SURFACE & COATINGS TECHNOLOGY	2019

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20	Multipass and reciprocating microwear study of TiN based films	AMIN BAHRAMI STEPHEN MUHL SAUNDERS Morón R.C. et al.	SURFACE & COATINGS TECHNOLOGY	2019
21	Bilayer graded Al/B ₄ C/rice husk ash composite: Wettability behavior, thermo-mechanical, and electrical properties	AMIN BAHRAMI NILOOFAR SOLTANI Martin I. Pech-Canul et al.	JOURNAL OF COMPOSITE MATERIALS	2018
22	Tailoring microstructure and properties of bilayer-graded Al/B ₄ C/MgAl ₂ O ₄ composites by single-stage pressureless infiltration	AMIN BAHRAMI NILOOFAR SOLTANI Pech-Canul M.I. et al.	JOURNAL OF ALLOYS AND COMPOUNDS	2017
23	Eco-fabrication of hierarchical porous silica monoliths by ice-templating of rice husk ash	AMIN BAHRAMI NILOOFAR SOLTANI Simon U. et al.	GREEN CHEMISTRY	2017
24	Mechanism and Parameters Controlling the Decomposition Kinetics of Na ₂ SiF ₆ Powder to SiF ₄	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	INTERNATIONAL JOURNAL OF CHEMICAL KINETICS	2016
25	Development of metal-matrix composites from industrial/agricultural waste materials and their derivatives	AMIN BAHRAMI NILOOFAR SOLTANI Pech-Canul M.I. et al.	CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY	2016
26	Effect of rice-husk ash on properties of laminated and functionally graded Al/SiC composites by one-step pressureless infiltration	AMIN BAHRAMI NILOOFAR SOLTANI Pech-Canul M.I. et al.	JOURNAL OF ALLOYS AND COMPOUNDS	2015
27	Review on the physicochemical treatments of rice husk for production of advanced materials	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	CHEMICAL ENGINEERING JOURNAL	2015
28	Effect of sintering temperature on tribological behavior of Ce-TZP/Al ₂ O ₃ -aluminum nanocomposite	AMIN BAHRAMI NILOOFAR SOLTANI Pech-Canul M.I.	JOURNAL OF COMPOSITE MATERIALS	2015
29	Wetting and reaction characteristics of crystalline and amorphous SiO ₂ derived rice-husk ash and SiO ₂ /SiC substrates with Al-Si-Mg alloys	AMIN BAHRAMI NILOOFAR SOLTANI Pech-Canul M.I. et al.	APPLIED SURFACE SCIENCE	2015
30	Tribological characterization of Al7075-graphite composites fabricated by mechanical alloying and hot extrusion	NILOOFAR SOLTANI AMIN BAHRAMI Deaquino-Lara R. et al.	MATERIALS & DESIGN	2015

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31	Microstructure and properties of bilayer-graded Al-matrix composites by one-step pressureless infiltration of B4C/rice-husk ash preforms	AMIN BAHRAMI NILOOFAR SOLTANI Pech-Canul M.I. et al.	Mrs Advances	2015
32	Effect of hot extrusion on wear properties of Al-15wt.% Mg2Si in situ metal matrix composites	NILOOFAR SOLTANI AMIN BAHRAMI Jafari Nodooshan H.R. et al.	MATERIALS & DESIGN	2014
33	Mechanical and tribological characterization of Al-Mg2Si composites after yttrium addition and heat treatment	AMIN BAHRAMI Jafari Nodooshan H.R. Liu W. et al.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	2014
34	Manufacturing wear-resistant 10ce-tzp/al2o3 nanoparticle aluminum composite by powder metallurgy processing	NILOOFAR SOLTANI AMIN BAHRAMI Sadrnezhaad S.K.	MATERIALS AND MANUFACTURING PROCESSES	2014
35	The effect of Ti on mechanical properties of extruded in-situ Al-15 pct Mg2Si composite	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I.	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE	2013
36	Erratum: The effect of Ti on mechanical properties of extruded in-situ Al-15 pct Mg2Si composite (Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science 44:9 (4366-4373) DOI: 10.1007/s11661-013-1747-2)	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I.	METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE	2013
37	Effect of 10Ce-TZP/Al2O3 nanocomposite particle amount and sintering temperature on the microstructure and mechanical properties of Al/(10Ce-TZP/Al2O3) nanocomposites	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I.	MATERIALS & DESIGN	2013
38	The effect of Zr on the microstructure and tensile properties of hot-extruded Al-Mg2Si composite	AMIN BAHRAMI Razaghian A. Emamy M. et al.	MATERIALS & DESIGN	2012

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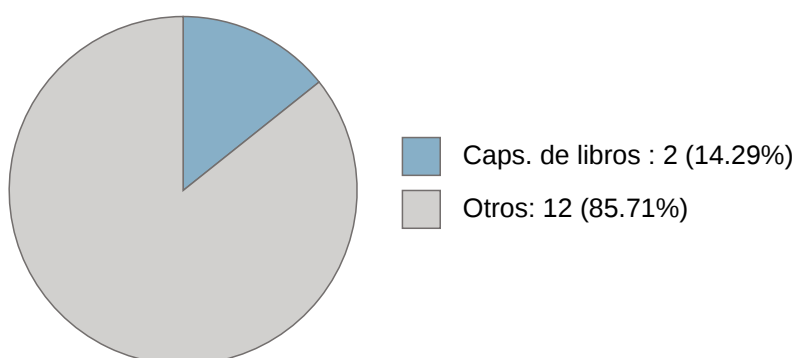
39	The influence of Li on the tensile properties of extruded in situ Al-15%Mg 2Si composite	AMIN BAHRAMI Razaghian A. Emamy M.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2012
40	The simultaneous effect of extrusion and T6 treatment on the mechanical properties of Al-15wt.%Mg2Si composite	NILOOFAR SOLTANI AMIN BAHRAMI Moghimi F.M. et al.	HTM – Journal of Heat Treatment and Materials	2012
41	The influence of yttrium rich intermetallic phases and heat treatment on the microstructure, hardness and wear properties of Al-15%M2Si composite	AMIN BAHRAMI Jafari Nodooshan H.R. Emamy M. et al.	Key Engineering Materials	2011
42	Microstructure and tensile properties of Al-15wt%Mg2Si composite after hot extrusion and heat treatment	AMIN BAHRAMI Razaghian A. Emamy M. et al.	Key Engineering Materials	2011

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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN



#	Título	Autores	Alcance	Año	ISBN
1	Thermal and electrical properties of bilayer Al/B4C/Rice husk ash composite	AMIN BAHRAMI NILOOFAR SOLTANI S. et al.	Conferenc e Paper	2017	9781510850583
2	Improvement of aluminum alloy-rice husk ash wettability with surface modification of rice-husk ash (RHA) by Si3N4 coating	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	Conferenc e Paper	2017	9781510850583
3	Mechanical and thermal properties of infiltrated 3D-Si3N4 coated SiO2/Al-Mg-Si and Si3N4/Al-Mg-Si alloys by pressureless infiltration	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	Conferenc e Paper	2017	9781510850583
4	Thermal and electrical properties of infiltrated high volume fraction Si3N4 and Si3N4-coated SiO2 preforms by Al-Mg-Si alloys as heat sink materials in electronic packaging	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	Conferenc e Paper	2016	9781510833142
5	Porous silicon oxycarbide composites with aligned macro porosity from water-based slurry by freeze casting process	NILOOFAR SOLTANI AMIN BAHRAMI Simon U. et al.	Conferenc e Paper	2016	9781510833142
6	Bilayer graded AL/SIC/RICE husk ash composite: Thermal and electrical properties	AMIN BAHRAMI NILOOFAR SOLTANI Pech-Canul M.I. et al.	Conferenc e Paper	2016	9781510833142

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7	Microstructure and properties of bilayer-graded Al-matrix composites by one-step pressureless infiltration of SiC/Rice husk ash preforms	AMIN BAHRAMI NILOOFAR SOLTANI Pech-Canul M.I. et al.	Conferenc e Paper	2015	9781510813939
8	Kintetic study of HYSY-CVI deposited Si ₃ N ₄ /SiO ₂ ceramic matrix composite	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	Conferenc e Paper	2015	9781510813939
9	Wear characteristics of aluminum matrix nanocomposites with Ce-TZP/Al ₂ O ₃ nanocomposite produced by powder metallurgy at different sintering temperatures	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I.	Conferenc e Paper	2013	9781118605813
10	Wear characteristics of aluminum matrix nanocomposites with Ce-TZP/Al ₂ O ₃ nanocomposite produced by powder metallurgy at different sintering temperatures	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I.	Capítulo de un Libro	2013	9781118663547
11	The effect of Ti on mechanical properties of extruded in-situ Al-15% Mg ₂ Si composite	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	Conferenc e Paper	2013	9781118605813
12	The effect of ti on mechanical properties of extruded in-situ Al-15% Mg ₂ Si composite	NILOOFAR SOLTANI AMIN BAHRAMI Pech-Canul M.I. et al.	Capítulo de un Libro	2013	9781118663547
13	THE effect of T6 treatment on the tensile properties of hot extruded Al-15WT. %Mg ₂ Si metal matrix composite	AMIN BAHRAMI NILOOFAR SOLTANI Moghimi F.M. et al.	Conferenc e Paper	2012	9781934551127
14	The effects of extra Si and heat treatment on the microstructure and tensile properties of Al-15%Mg ₂ Si in-situ composite	AMIN BAHRAMI Hajaghasi A. Emamy M. et al.	Conferenc e Paper	2012	9781934551127



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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

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

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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