SERGIO FUENTES MOYADO

Datos Generales

Nombre: SERGIO FUENTES MOYADO

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 40 años

Nombramientos

Vigente: INVESTIGADOR TITULAR C TC Definitivo
Centro de Nanociencias y Nanotecnología en la UNAM
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Estímulos, programas, premios y reconocimientos

SNI III - VIGENTE
PRIDE D - VIGENTE

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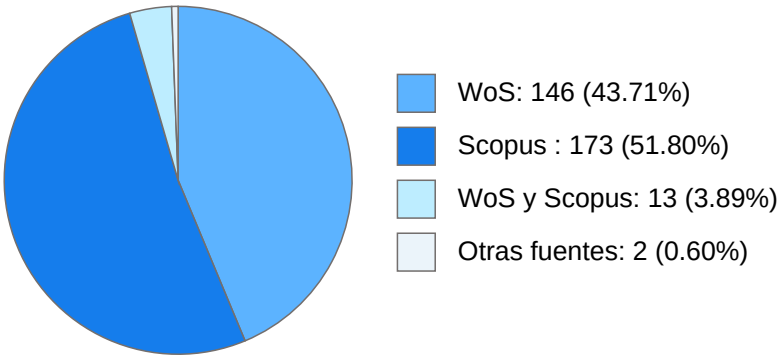
DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Investigating patterns in aluminum distribution and stability in mordenite zeolite structure: Analysis and theoretical conclusions from existing experimental data	JOEL ANTUNEZ GARCIA VITALI PETRANOVSKI AFANASIEVNA FABIAN NATANAEL MURRIETA RICO et al.	JOURNAL OF SOLID STATE CHEMISTRY	2024
2	Antimicrobial and Virus Adsorption Properties of Y-Zeolite Exchanged with Silver and Zinc Cations	SERGIO FUENTES MOYADO ELENA SMOLENTSEVA Perla Sanchez-Lopez et al.	Acs Omega	2024
3	Synthesis and characterization of Fe3O4 core nanoparticles coated with TiO2 and ZnO	JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO Duran-Toscano A.A. et al.	Nano-Structures and Nano-Objects	2024
4	Photocatalytic Activity of Ag Nanoparticles Deposited on Thermoexfoliated g-C₃N₄	KARINA PORTILLO CORTEZ URIEL CAUDILLO FLORES ELENA SMOLENTSEVA et al.	NANOMATERIALS	2024
5	The role of Ga and Y on binary Al2O3-Y2O3 and Al2O3-Ga2O3 mixed oxides nanoparticles towards potential Ni water-gas shift catalysts	ALFREDO SOLIS GARCIA SERGIO FUENTES MOYADO RODRIGO PONCE PEREZ et al.	Nano-Structures and Nano-Objects	2024

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6	Systematic analysis of the gallium ions and structure-directing agents in the preparation of NiW HDS catalysts over mixed oxides of Al₂O₃-TiO₂	LEONARDO MORALES DE LA GARZA SERGIO FUENTES MOYADO M. A. Guzman-Cruz et al.	MATERIALS RESEARCH EXPRESS	2024
7	Direct obtaining of pure anatase TiO2 nanostructures, characterization, size-tuning, and applications	DAVID ALEJANDRO DOMINGUEZ VARGAS URIEL CAUDILLO FLORES SERGIO FUENTES MOYADO et al.	Nano-Structures and Nano-Objects	2024
8	Metal oxide complexes as precursors of sulfide catalysts for HDS of DBT	GABRIEL ALONSO NUÑEZ JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO et al.	NEW JOURNAL OF CHEMISTRY	2024
9	Influence of precursor compounds on the structural and catalytic properties of CoNiMo/SBA-15 catalysts used in the hydrodesulfurization of dibenzothiophene	JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ et al.	Molecular Catalysis	2023
10	NiMoS nanocubes for the selective removal of sulfur from 3-methyl-thiophene	JORGE NOE DIAZ DE LEON HERNANDEZ LEONARDO MORALES DE LA GARZA SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS A-GENERAL	2023
11	A theoretical study of the effect of exchange cations in surface of ZSM-5 lamellar zeolites	ROSARIO ISIDRO YOCUPICIO GAXIOLA VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO et al.	JOURNAL OF SOLID STATE CHEMISTRY	2023
12	Pd-Sn promoted NbOx/TiO2 catalysts for hydrogen photoproduction: Effect of Pd-Sn interaction on charge handling and reaction mechanism	URIEL CAUDILLO FLORES SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ et al.	CHEMICAL ENGINEERING JOURNAL	2023
13	Mordenite-Supported Ag+-Cu2+-Zn2+ Trimetallic System: A Variety of Nanospecies Obtained via Thermal Reduction in Hydrogen Followed by Cooling in an Air or Hydrogen Atmosphere	VITALI PETRANOVSKI AFANASIEVNA FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO et al.	Materials	2023
14	Green Thermo-Photo Catalytic Production of Syngas Using Pd/Nb-TiO2 Catalysts	URIEL CAUDILLO FLORES SERGIO FUENTES MOYADO Sayago R. et al.	ACS SUSTAINABLE CHEMISTRY & ENGINEERING	2023
15	Influence of the Valence of Iron on the NO Reduction by CO over Cu-Fe-Mordenite	YULIA KOTOLEVICH TRINO ARMANDO ZEPEDA PARTIDA ROSARIO ISIDRO YOCUPICIO GAXIOLA et al.	CATALYSTS	2023

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16	Effect of niobium on the performance of Pd-TiO2 photocatalysts for hydrogen production	URIEL CAUDILLO FLORES SERGIO FUENTES MOYADO Fernández-García M. et al.	CATALYSIS TODAY	2023
17	Boosting oxygen activation in ceria-oxide via gallium addition	TRINO ARMANDO ZEPEDA PARTIDA RODRIGO PONCE PEREZ ALFREDO SOLIS GARCIA et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2023
18	Photocatalytic Activity and Biocide Properties of Ag?TiO2 Composites on Cotton Fabrics	LUIS CEDEÑO CAERO RUBEN DARIO CADENA NAVA KENDRA RAMIREZ ACOSTA et al.	Materials	2023
19	Nanomaterials at the forefront against the virus SARS-CoV-2	SERGIO FUENTES MOYADO VITALI PETRANOVSKI AFANASIEVNA ELENA SMOLENTSEVA et al.	CIENCIA ERGO-SUM	2022
20	Influence of Components Deposition Order on Silver Species Formation in Bimetallic Ag-Fe System Supported on Mordenite	YULIA KOTOLEVICH JOEL ANTUNEZ GARCIA VITALI PETRANOVSKI AFANASIEVNA et al.	CATALYSTS	2022
21	Triblock Copolymer Effect During the Synthesis of ZrO2-TiO2 Mixed Oxides Supports for NiW Hydrodesulfurization Catalysts	GABRIEL ALONSO NUÑEZ TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO et al.	TOPICS IN CATALYSIS	2022
22	Editorial	JORGE NOE DIAZ DE LEON HERNANDEZ GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO et al.	CATALYSIS TODAY	2022
23	Characterization and photocatalytic activity of TiO2 nanoparticles on cotton fabrics, for antibacterial masks	MARCO ANTONIO ALVAREZ AMPARAN LUIS CEDEÑO CAERO RUBEN DARIO CADENA NAVA et al.	Applied Nanoscience	2022
24	Aluminum distribution in mordenite-zeolite framework: A new outlook based on density functional theory calculations	JOEL ANTUNEZ GARCIA DONALD HOMERO GALVAN MARTINEZ VITALI PETRANOVSKI AFANASIEVNA et al.	JOURNAL OF SOLID STATE CHEMISTRY	2022
25	Hydrothermal synthesis of bulk Ni impregnated WO₃ 2D layered structures as catalysts for the desulfurization of 3-methyl thiophene	GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO JORGE NOE DIAZ DE LEON HERNANDEZ et al.	Chemical Engineering Journal Advances	2022
26	Effect of sulfidation conditions on the unsupported flower-like bimetallic oxide microspheres for the hydrodesulfurization of dibenzothiophene	JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO Chowdari R.K.	CATALYSIS TODAY	2022

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27	Insight into alcohol transformation over binary Al2O3-Y2O3 mixed oxide nanoparticles	DAVID ALEJANDRO DOMINGUEZ VARGAS OSCAR EDEL CONTRERAS LOPEZ SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2022
28	Analytical solution to Scholte's secular equation for isotropic elastic media	DONALD HOMERO GALVAN MARTINEZ JONATHAN GUERRERO SANCHEZ FABIAN NATANAEL MURRIETA RICO et al.	REVISTA MEXICANA DE FISICA	2021
29	The effect of shape and size of 1D and 0D titanium oxide nanorods in the photocatalytic degradation of red amaranth toxic dye	JORGE NOE DIAZ DE LEON HERNANDEZ DAVID ALEJANDRO DOMINGUEZ VARGAS JOSE MANUEL ROMO HERRERA et al.	Nano-Structures and Nano-Objects	2021
30	The effect of chemical composition on the properties of LTA zeolite: A theoretical study	JOEL ANTUNEZ GARCIA DONALD HOMERO GALVAN MARTINEZ VITALI PETRANOVSKI AFANASIEVNA et al.	COMPUTATIONAL MATERIALS SCIENCE	2021
31	Hydrodesulfurization of dibenzothiophene using novel unsupported FeMoS catalysts prepared by in-situ activation from Fe (III)-containing thiomolybdate salts	GABRIEL ALONSO NUÑEZ JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO et al.	REACTION KINETICS MECHANISMS AND CATALYSIS	2021
32	Recent Advances in Catalysis Based on Transition Metals Supported on Zeolites	YULIA KOTOLEVICH ROSARIO ISIDRO YOCUPICIO GAXIOLA JOEL ANTUNEZ GARCIA et al.	Frontiers in Chemistry	2021
33	Template-free, facile synthesis of nickel promoted multi-walled MoS2 & nano-bricks containing hierarchical MoS2 nanotubes from the bulk NiMo oxide	JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO Ramesh Kumar Chowdari	APPLIED CATALYSIS B-ENVIRONMENTAL	2021
34	Enhanced CO2 Hydrogenation to C2+ Hydrocarbons over Mesoporous x%Fe2O3-Al2O3 Catalysts	TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO De La Rosa-Priego F.A. et al.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	2021
35	Selective removal of sulfur from 3-methyl thiophene under mild conditions over NiW/Al2O3-TiO(2)modified by surfactants	JORGE NOE DIAZ DE LEON HERNANDEZ GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO et al.	CATALYSIS TODAY	2021
36	CoNiMo/Al2O3 sulfide catalysts for dibenzothiophene hydrodesulfurization: Effect of the addition of small amounts of nickel	RAFAEL HUIRACHE ACUÑA JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO et al.	MICROPOROUS AND MESOPOROUS MATERIALS	2020

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37	Unsupported CoNixMo sulfide hydrodesulfurization catalysts prepared by the thermal decomposition of trimetallic tetrabutylammonium thiomolybdate: effect of nickel on sulfur removal	RAFAEL HUIRACHE ACUÑA JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO et al.	REACTION KINETICS MECHANISMS AND CATALYSIS	2020
38	Wproperties of iron-modified-by-silver supported on mordenite as catalysts for nox reduction	MIGUEL ANGEL ESTRADA ARREOLA SERGIO FUENTES MOYADO VITALI PETRANOVSKI AFANASIEVNA et al.	CATALYSTS	2020
39	Local structures of two-dimensional zeolites?mordenite and ZSM-5?probed by multinuclear NMR	FABIAN NATANAEL MURRIETA RICO DONALD HOMERO GALVAN MARTINEZ VITALI PETRANOVSKI AFANASIEVNA et al.	Molecules	2020
40	Noble metals supported on binary ?-Al2O3-a-Ga2O3 oxide as potential low-temperature water-gas shift catalysts	JORGE NOE DIAZ DE LEON HERNANDEZ TRINO ARMANDO ZEPEDA PARTIDA DAVID ALEJANDRO DOMINGUEZ VARGAS et al.	Fuel	2020
41	Mechanism of formation of framework Fe3+ in bimetallic Ag-Fe mordenites - Effective catalytic centers for deNOx reaction	VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO Shelyapina M.G. et al.	MICROPOROUS AND MESOPOROUS MATERIALS	2020
42	Single step and template-free synthesis of Dandelion flower-like core-shell architectures of metal oxide microspheres: Influence of sulfidation on particle morphology & hydrodesulfurization performance	JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO Ramesh Kumar Chowdari	APPLIED CATALYSIS B-ENVIRONMENTAL	2020
43	Active ruthenium phosphide as selective sulfur removal catalyst of gasoline model compounds	RAFAEL HUIRACHE ACUÑA SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ et al.	FUEL PROCESSING TECHNOLOGY	2020
44	Bimetallic AgFe systems on mordenite: Effect of cation deposition order in the NO reduction with C3H6/CO	SERGIO FUENTES MOYADO VITALI PETRANOVSKI AFANASIEVNA Sánchez-López P. et al.	CATALYSTS	2019
45	Analysis of theoretical and experimental X-ray diffraction patterns for distinct mordenite frameworks	SERGIO FUENTES MOYADO DONALD HOMERO GALVAN MARTINEZ VITALI PETRANOVSKI AFANASIEVNA et al.	JOURNAL OF MATERIALS SCIENCE	2019
46	Recent insights in transition metal sulfide hydrodesulfurization catalysts for the production of ultra low sulfur diesel: A short review	JORGE NOE DIAZ DE LEON HERNANDEZ JOEL ANTUNEZ GARCIA SERGIO FUENTES MOYADO et al.	CATALYSTS	2019

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47	The Decoration of Gold Core in Au@ZrO 2 Nanoreactors with Trace Amounts of Pd for the Effective Reduction of 4-Nitrophenol to 4-Aminophenol	BRENDA JEANNETH ACOSTA RUELAS SERGIO FUENTES MOYADO ANDREY SIMAKOV et al.	CATALYSIS LETTERS	2019
48	ISOMORPHIC SUBSTITUTION OF Mg2+ BY Al3+ON MgO: EFFECTS ON BASICITY, TEXTURAL PROPERTIES AND MICROSTRUCTURE	JORGE NOE DIAZ DE LEON HERNANDEZ DONALD HOMERO GALVAN MARTINEZ GABRIEL ALONSO NUÑEZ et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2019
49	Catalytic dehydration of 2 propanol over Al 2 O 3 -Ga 2 O 3 and Pd/Al 2 O 3 -Ga 2 O 3 catalysts	JORGE NOE DIAZ DE LEON HERNANDEZ GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO et al.	CATALYSIS TODAY	2019
50	One-pot synthesis of lamellar mordenite and ZSM-5 zeolites and subsequent pillaring by amorphous SiO2	VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO Yocupicio-Gaxiola R.I. et al.	Applied Nanoscience	2019
51	Synergetic effect in RuxMox(1-x)S2/SBA-15 hydrodesulfurization catalysts: Comparative experimental and DFT studies	TRINO ARMANDO ZEPEDA PARTIDA DONALD HOMERO GALVAN MARTINEZ JORGE NOE DIAZ DE LEON HERNANDEZ et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2019
52	Theoretical study of the effect of isomorphous substitution by Al 3 + and/or Fe 3 + cations to tetrahedral positions in the framework of a zeolite with erionite topology	DONALD HOMERO GALVAN MARTINEZ VITALI PETRANOVSKI AFANASIEVNA FABIAN NATANAEL MURRIETA RICO et al.	JOURNAL OF MATERIALS SCIENCE	2019
53	Hydrodesulfurization activity of Ni-containing unsupported Ga(x)WS2 catalysts	TRINO ARMANDO ZEPEDA PARTIDA JORGE NOE DIAZ DE LEON HERNANDEZ GABRIEL ALONSO NUÑEZ et al.	CATALYSIS COMMUNICATIONS	2019
54	Synthesis of Aluminium Doped Na-Titanate Nanorods and Its Application as Potential CO2 Hydrogenation Catalysts	DAVID ALEJANDRO DOMINGUEZ VARGAS TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO et al.	CATALYSIS LETTERS	2019
55	Comprehensive Analysis of the Copper Exchange Implemented in Ammonia and Protonated Forms of Mordenite Using Microwave and Conventional Methods	VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO Shelyapina M.G. et al.	Molecules	2019
56	The unexpected effect of vacancies and wrinkling on the electronic properties of MoS2 layers	SERGIO FUENTES MOYADO TRINO ARMANDO ZEPEDA PARTIDA Negreiros F.R. et al.	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	2019
57	New Insight on the Formation of Sodium Titanates 1D Nanostructures and Its Application on CO2 Hydrogenation	JOEL ROJAS ESCUDERO LUIS CARDENAS TORRES GABRIEL ALONSO NUÑEZ et al.	Frontiers in Chemistry	2019

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58	Oxidative dehydrogenation of n-octane over Mg-containing SBA-15 material	FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO TRINO ARMANDO ZEPEDA PARTIDA et al.	MATERIALS RESEARCH INNOVATIONS	2018
59	Effect of partial Mo substitution by W on HDS activity using sulfide CoMoW/Al2O3-TiO2 catalysts	JORGE NOE DIAZ DE LEON HERNANDEZ SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ et al.	Fuel	2018
60	Support effects of NiW hydrodesulfurization catalysts from experiments and DFT calculations	JORGE NOE DIAZ DE LEON HERNANDEZ GABRIEL ALONSO NUÑEZ TRINO ARMANDO ZEPEDA PARTIDA et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2018
61	Preparation and evaluation of NiCoMo hydrodesulfurization catalysts supported over a binary zeolite(beta)-KIT-6 siliceous material	JORGE NOE DIAZ DE LEON HERNANDEZ TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2018
62	EFFECT OF ALKALINITY VARIATION IN GEL COMPOSITION DEVELOPED FOR HIERARCHICAL ZSM-5 GROWTH: CONVERSION OF ZSM-5 TO MORDENITE	VITALI PETRANOVSKI AFANASIEVNA TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2018
63	STUDY OF CoMo CATALYSTS SUPPORTED ON HIERARCHICAL MESOPOROUS ZEOLITES FOR HYDRODESULFURIZATION OF DIBENZOTIHOPHENE	TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO Yocupicio, R. I. et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2017
64	Highly active CoMo/Al (10) KIT-6 catalysts for HDS of DBT: Role of structure and aluminum heteroatom in the support matrix	TRINO ARMANDO ZEPEDA PARTIDA GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO et al.	CATALYSIS TODAY	2017
65	Low-Dimensional ReS2/C Composite as Effective Hydrodesulfurization Catalyst	TRINO ARMANDO ZEPEDA PARTIDA GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO et al.	CATALYSTS	2017
66	Study of CoMo catalysts supported on hierarchical mesoporous zeolites for hydrodesulfurization of dibenzothiophene	JORGE NOE DIAZ DE LEON HERNANDEZ TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO et al.	REVISTA MEXICANA DE INGENIERIA QUIMICA	2017
67	Support effects of NiW catalysts for highly selective sulfur removal from light hydrocarbons	GABRIEL ALONSO NUÑEZ TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2017
68	Microspherical ReS2 as a High-Performance Hydrodesulfurization Catalyst	MARIO HUMBERTO FARIAS SANCHEZ SERGIO FUENTES MOYADO DONALD HOMERO GALVAN MARTINEZ et al.	CATALYSIS LETTERS	2017

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69	Trimetallic NiMoW sulfide catalysts by the thermal decomposition of thiosalt blends for the hydrodesulfurization of dibenzothiophene	GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO Iriarte, V. et al.	REACTION KINETICS MECHANISMS AND CATALYSIS	2017
70	Formation of Co-Promoted MoS2 Fullerene-Like Nanostructures on SBA-15 as Effective Hydrodesulfurization Catalyst	TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ et al.	CATALYSIS LETTERS	2017
71	Au20Pd1@SiO2 nanoreactors highly effective in CO oxidation	SERGIO FUENTES MOYADO ELENA SMOLENTSEVA ANDREY SIMAKOV et al.	INTERNATIONAL JOURNAL OF NANOTECHNOLOGY	2016
72	CO oxidation over gold nanoparticles on Mg(OH)2 and MgO subjected to different redox treatments	ELENA SMOLENTSEVA SERGIO FUENTES MOYADO ANDREY SIMAKOV et al.	INTERNATIONAL JOURNAL OF NANOTECHNOLOGY	2016
73	Electronic properties of 1H-MoS2 clusters grown on graphene oxide	Donald Homero Galvan SERGIO FUENTES MOYADO Estrada-Cruz, Juan F. del R. et al.	INTERNATIONAL JOURNAL OF NANOTECHNOLOGY	2016
74	Synthesis of highly destacked ReS2 layers embedded in amorphous carbon from a metal-organic precursor	GABRIEL ALONSO NUÑEZ Zaira I. Bedolla Valdez MARIO HUMBERTO FARIAS SANCHEZ et al.	JOURNAL OF NON-CRYSTALLINE SOLIDS	2016
75	NiW/MgO-TiO2 catalysts for dibenzothiophene hydrodesulfurization: Effect of preparation method	TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO Cruz Perez, Alida Elizabeth et al.	CATALYSIS TODAY	2016
76	Competitive HDS and HDN reactions over NiMoS/HMS-Al catalysts: Diminishing of the inhibition of HDS reaction by support modification with P	TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2016
77	Methanol dehydrogenation and oxidation on Pt1?XNiX/CNTs at low temperature: Effect of Ni addition	SERGIO FUENTES MOYADO JOSE MANUEL ROMO HERRERA GABRIEL ALONSO NUÑEZ et al.	RENEWABLE ENERGY	2016
78	DFT study of composites formed by M2 metallic clusters (M = Ni, Cu, Fe and Au) embedded in faujasite	DONALD HOMERO GALVAN MARTINEZ ELENA SMOLENTSEVA VITALI PETRANOVSKI AFANASIEVNA et al.	RSC ADVANCES	2016
79	Influence of the sulfidation temperature in a NiMoW catalyst derived from layered structure (NH4)Ni2OH(H2O)(MoO4)2	GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO Amaya, Sandra L. et al.	Fuel	2015
80	Insight of 1D ?-Al<inf>2</inf>O<inf>3</inf> nanorods decoration by NiWS nanoslabs in ultra-deep hydrodesulfurization catalyst	J. N. Diaz de Leon TRINO ARMANDO ZEPEDA PARTIDA GABRIEL ALONSO NUÑEZ et al.	JOURNAL OF CATALYSIS	2015

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81	Highly active Au-CeO2@ZrO2 yolk-shell nanoreactors for the reduction of 4-nitrophenol to 4-aminophenol	ELENA SMOLENTSEVA SERGIO FUENTES MOYADO ANDREY SIMAKOV et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2015
82	Synthesis and characterization of Ga-modified Ti-HMS oxide materials with varying Ga content	TRINO ARMANDO ZEPEDA PARTIDA J. N. Diaz de Leon R. ObesoEstrella et al.	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	2015
83	Oxidative transformation of dibenzothiophene by chloroperoxidase enzyme immobilized on (1D)-?-Al2O3 nanorods	KARLA OYUKY JUAREZ MORENO J. Noe Diaz de Leon TRINO ARMANDO ZEPEDA PARTIDA et al.	JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC	2015
84	MoS2 catalysts derived from n-methylenediammonium thiomolybdates during HDS of DBT	GABRIEL ALONSO NUÑEZ MIGUEL AVALOS BORJA SERGIO FUENTES MOYADO et al.	CATALYSIS TODAY	2015
85	Ortho-xylene hydroisomerization under pressure on HMS-Ti mesoporous silica decorated with Ga<inf>2</inf>O<inf>3</inf> nanoparticles	TRINO ARMANDO ZEPEDA PARTIDA R. I. Yocupicio GABRIEL ALONSO NUÑEZ et al.	Fuel	2015
86	Energy bands of the 1H-MoS2 over Reduced Graphene Oxide	SERGIO FUENTES MOYADO DONALD HOMERO GALVAN MARTINEZ Estrada-Cruz J.	INTERNATIONAL CONFERENCES & EXHIBITION ON NANOTECHNOLOGIES, ORGANIC ELECTRONICS & NANOMEDICINE, NANOTEXNOLOGY 2020, PT 1	2015
87	Hydrophilicity of mordenites with different SiO2/Al2O3 molar ratio	VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO Alexey Pestryakov et al.	Procedia Chemistry	2015
88	Electronic properties of unsupported trimetallic catalysts	AMELIA OLIVAS SARABIA J. Antunez Garcia SERGIO FUENTES MOYADO et al.	CATALYSIS TODAY	2014
89	Effect of the divalent metal and the activation temperature of NiMoW and CoMoW on the dibenzothiophene hydrodesulfurization reaction	GABRIEL ALONSO NUÑEZ TRINO ARMANDO ZEPEDA PARTIDA SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2014

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90	One dimensional (1D) ?-alumina nanorod linked networks: Synthesis, characterization and application	Jorge N. Diaz de Leon VITALI PETRANOVSKI AFANASIEVNA GABRIEL ALONSO NUÑEZ et al.	APPLIED CATALYSIS A-GENERAL	2014
91	Aerobic oxidation of benzyl alcohol in methanol solutions over Au nanoparticles: Mg(OH)2 vs MgO as the support	SERGIO FUENTES MOYADO ANDREY SIMAKOV Estrada, Miguel et al.	APPLIED CATALYSIS A-GENERAL	2014
92	Synthesis of Pt and Pt-Fe nanoparticles supported on MWCNTs used as electrocatalysts in the methanol oxidation reaction	J. R. Rodriguez SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ et al.	JOURNAL OF ENERGY CHEMISTRY	2014
93	Hydrodesulfurization enhancement of heavy and light S-hydrocarbons on NiMo/HMS catalysts modified with Al and P	TRINO ARMANDO ZEPEDA PARTIDA J. N. Diaz de Leon SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS A-GENERAL	2014
94	CoMoW sulfide nanocatalysts for the HDS of DBT from novel ammonium and alkyltrimethylammonium-thiomolybdate -thiotungstate-cobaltate (II) precursors	GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO Espinoza-Armenta, Y. et al.	APPLIED CATALYSIS A-GENERAL	2014
95	Coordination complex synthesis of noble metals in the preparation of nanoparticles supported on MWCNTs used as electrocatalysts	J. R. Rodriguez SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ et al.	INORGANICA CHIMICA ACTA	2013
96	Methane oxidation over Pd catalysts supported on binary Al2O3-La2O3 oxides prepared by the sol-gel method	SERGIO FUENTES MOYADO GABRIELA ALICIA DIAZ GUERRERO LUCIANO ANTONIO GOMEZ CORTES et al.	Fuel	2012
97	Influence of the activation atmosphere on the hydrodesulfurization of Co-Mo/SBA-15 catalysts prepared from sulfur-containing precursors	GABRIEL ALONSO NUÑEZ J. Bocarando TRINO ARMANDO ZEPEDA PARTIDA et al.	APPLIED CATALYSIS A-GENERAL	2012
98	Gold catalysts supported on nanostructured Ce-Al-O mixed oxides prepared by organic sol-gel	ELENA SMOLENTSEVA ANDREY SIMAKOV SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2012
99	Gold nanoparticles supported on magnesium oxide as catalysts for the aerobic oxidation of alcohols under alkali-free conditions	SERGIO FUENTES MOYADO ANDREY SIMAKOV Costa, Vinicius V. et al.	JOURNAL OF CATALYSIS	2012
100	Tungsten disulfide catalysts from tetraalkylammonium thiotungstates by ex situ activation, their properties and HDS activity	GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO Romero-Rivera, R. et al.	APPLIED CATALYSIS A-GENERAL	2012

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101	Gold supported on ceria nanoparticles and nanotubes	ELENA SMOLENTSEVA SERGIO FUENTES MOYADO ANDREY SIMAKOV et al.	APPLIED CATALYSIS A-GENERAL	2012
102	Selective oxidation of arabinose to arabinonic acid over Pd-Au catalysts supported on alumina and ceria	ELENA SMOLENTSEVA FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS A-GENERAL	2011
103	Catalytic activity of MoS2 nanotubes in the hydrodesulphurization reaction of dibenzothiophene	SERGIO FUENTES MOYADO Leonard-Deepak, F. Perez-Hernandez, R. et al.	REVISTA MEXICANA DE FISICA	2011
104	HDS of DBT with Molybdenum Disulfide Catalysts Prepared by In Situ Decomposition of Alkyltrimethylammonium Thiomolybdates	GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO Romero-Rivera, R. et al.	TOPICS IN CATALYSIS	2011
105	Structure and catalytic properties of hexagonal molybdenum disulfide nanoplates	SERGIO FUENTES MOYADO DONALD HOMERO GALVAN MARTINEZ Castro-Guerrero, Carlos Fernando et al.	CATALYSIS SCIENCE & TECHNOLOGY	2011
106	SBA-15 as support for NiMo HDS catalysts derived from sulfur-containing molybdenum and nickel complexes: Effect of activation mode	SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ Huang, Z. D. et al.	JOURNAL OF MOLECULAR CATALYSIS A-CHEMICAL	2010
107	The effect of supports (Al2O3, Al2O3-CeO2 and Al2O3-CeZrO2) on the nature of gold-species in supported gold catalysts	ANDREY SIMAKOV ELENA SMOLENTSEVA FELIPE FRANCISCO CASTILLON BARRAZA et al.	J SURF INVESTIG-X-RA	2010
108	SBA-15 as Support for Ni-MoS2 HDS Catalysts Derived from Sulfur-containing Molybdenum and Nickel Complexes in the Reaction of HDS of DBT: An All Sulfide Route	SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ Huang, Z. -D. et al.	CATALYSIS LETTERS	2009
109	Trimetallic NiMoW unsupported catalysts for HDS	AMELIA OLIVAS SARABIA DONALD HOMERO GALVAN MARTINEZ GABRIEL ALONSO NUÑEZ et al.	APPLIED CATALYSIS A-GENERAL	2009

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110	XAFS study of a Au/Al2O3 catalytic nanosystem doped by Ce and Ce-Zr oxides	ANDREY SIMAKOV E. Smolentseva FELIPE FRANCISCO CASTILLON BARRAZA et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT	2009
111	Unsupported Ni-Mo-W sulphide HDS catalysts with the varying nickel concentration	R. Huirache Acuna VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO et al.	APPLIED CATALYSIS A-GENERAL	2009
112	Synthesis, characterization and catalytic activity in the hydrogenation of cyclohexene with molybdenum carbide	E. Flores Aquino MIGUEL AVALOS BORJA SERGIO FUENTES MOYADO et al.	CATALYSIS LETTERS	2008
113	Cyclohexene hydrogenation with molybdenum disulfide catalysts prepared by ex situ decomposition of ammonium thiomolybdate-cetyltrimethylammonium thiomolybdate mixtures	GABRIEL ALONSO NUÑEZ ERIC FLORES AQUINO FELIPE FRANCISCO CASTILLON BARRAZA et al.	CATALYSIS TODAY	2008
114	SBA-15 as support for MoS2 and Co-MoS2 catalysts derived from thiomolybdate complexes in the reaction of HDS of DBT	SERGIO FUENTES MOYADO Huang, Z. -D. Bensch, W. et al.	CATALYSIS LETTERS	2008
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116	Effect of Al and Ti content in HMS material on the catalytic activity of NiMo and CoMo hydrotreating catalysts in the HDS of DBT	TRINO ARMANDO ZEPEDA PARTIDA AMELIA OLIVAS SARABIA SERGIO FUENTES MOYADO et al.	MICROPOROUS AND MESOPOROUS MATERIALS	2008
117	Synthesis and characterization of P-modified mesoporous CoMo/HMS-Ti catalysts	TRINO ARMANDO ZEPEDA PARTIDA A. Montesincs AMELIA OLIVAS SARABIA et al.	MICROPOROUS AND MESOPOROUS MATERIALS	2008

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118	Preparation and characterization of SBA-15 supported cobalt-molybdenum sulfide catalysts for HDS reaction: An all sulfide route to hydrodesulfurization catalysts	SERGIO FUENTES MOYADO Huang, Z-D Bensch, W. et al.	CATALYSIS LETTERS	2008
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120	Trimetallic FeMoW and CuMoW unsupported catalysts for HDS	AMELIA OLIVAS SARABIA DONALD HOMERO GALVAN MARTINEZ SERGIO FUENTES MOYADO	Abstracts Of Papers Of The American Chemical Society	2007
121	Effect of ceria-zirconia ratio on the interaction of CO with PdO/Al2O3-(Cex-Zr1-x)O2 catalysts prepared by sol-gel method	FELIPE FRANCISCO CASTILLON BARRAZA ANDREY SIMAKOV HUGO JESUS TIZNADO VAZQUEZ et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2007
122	Structural properties of Al2O3-La2O3 binary oxides prepared by sol-gel	SERGIO FUENTES MOYADO MIGUEL AVALOS BORJA NINA BOGDANCHIKOVA et al.	MATERIALS RESEARCH BULLETIN	2007
123	Trimetallic FeMoW and CuMoW unsupported catalysts for HDS	AMELIA OLIVAS SARABIA DONALD HOMERO GALVAN MARTINEZ SERGIO FUENTES MOYADO	Abstracts Of Papers Of The American Chemical Society	2007
124	Synthesis and magnetic characterization of nanostructures N/WS2, where N = Ni, Co and Fe	AMELIA OLIVAS SARABIA SERGIO FUENTES MOYADO Villalpando I. et al.	MATERIALS LETTERS	2007
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126	Decomposition of tetra-alkylammonium thiomolybdates characterised by thermoanalysis and mass spectrometry	SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ Poisot M. et al.	THERMOCHIMICA ACTA	2006
127	PdO/Al2O3-(Ce1-X Zr X)O 2 catalysts: Effect of the sol-gel support composition	SERGIO FUENTES MOYADO VITALI PETRANOVSKI AFANASIEVNA ANDREY SIMAKOV et al.	CATALYSIS LETTERS	2006

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129	The role of lanthana loading on the catalytic properties of Pd/Al 2O3-La2O3 in the NO reduction with H2	SERGIO FUENTES MOYADO Barrera A. Viniegra M. et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2005
130	Synchrotron and simulations techniques applied to problems in materials science: Catalysts and Azul Maya pigments	SERGIO FUENTES MOYADO Chianelli R.R. Perez De La Rosa M. et al.	JOURNAL OF SYNCHROTRON RADIATION	2005
131	Trimetallic NiMoW unsupported catalysts for HDS	AMELIA OLIVAS SARABIA GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO et al.	American Chemical Society, Division of Petroleum Chemistry, Preprints	2005
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134	Structure and catalytic properties of nanostructured molybdenum sulfides	AMELIA OLIVAS SARABIA SERGIO FUENTES MOYADO Camacho-Bragado G.A. et al.	JOURNAL OF CATALYSIS	2005
135	Synthesis of tetraalkylammonium thiometallate precursors and their concurrent in situ activation during hydrodesulfurization of dibenzothiophene	GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO Siadati M.H. et al.	APPLIED CATALYSIS A-GENERAL	2004
136	Nickel-tungsten bimetallic sulfide nanostructures of fullerene type	AMELIA OLIVAS SARABIA SERGIO FUENTES MOYADO Camacho A. et al.	JOURNAL OF MATERIALS RESEARCH	2004
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139	Infrared Study of CO adsorbed on Pd/Al 2O 3-ZrO 2. Effect of zirconia added by impregnation	HUGO JESUS TIZNADO VAZQUEZ SERGIO FUENTES MOYADO Zaera F.	Langmuir	2004
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141	Comparative study of WS2 and Co(Ni)/WS2 HDS catalysts prepared by ex situ/in situ activation of ammonium thiotungstate	SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ Espino J. et al.	CATALYSIS LETTERS	2003
142	Cobalt-molybdenum sulfide catalysts prepared by in situ activation of bimetallic (Co-Mo) alkylthiomolybdates	SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ Nava H. et al.	CATALYSIS LETTERS	2003
143	Influence of modifying additives on the electronic state of supported palladium	SERGIO FUENTES MOYADO NINA BOGDANCHIKOVA Pestryakov A.N. et al.	CHEMICAL PHYSICS LETTERS	2003
144	Influence of oxidation and precursor on the morphology and catalytic properties of CoMoS/Al2O3-TiO2 for HDS	SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ Alvarez L. et al.	MICROSCOPY AND MICROANALYSIS	2003
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146	HRTEM, Synchrotron, and Simulation Techniques Applied to Activity and Selectivity Correlation in Hydrodesulfurization Catalysts	SERGIO FUENTES MOYADO GABRIEL ALONSO NUÑEZ Chianelli R.R. et al.	Acs Division Of Fuel Chemistry, Preprints	2003
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148	Characterization of H and Cu mordenites with varying SiO2/Al2O3 ratios, by optical spectroscopy, MAS NMR of 29Si, 27Al and 1H, temperature programmed desorption and catalytic activity for nitrogen oxide reduction	VITALI PETRANOVSKI AFANASIEVNA NINA BOGDANCHIKOVA SERGIO FUENTES MOYADO et al.	STUD SURF SCI CATAL	2002
149	Comparison between ?-Bi2MoO6 and Bi2WO6 catalysts in the CO oxidation	LUCIANO ANTONIO GOMEZ CORTES SERGIO FUENTES MOYADO DONALD HOMERO GALVAN MARTINEZ et al.	J MATER SYNTH PROCES	2001
150	Pd/Al2O3-La2O3 catalysts prepared by sol-gel: Characterization and catalytic activity in the NO reduction by H2	PEDRO BOSCH GIRAL SERGIO FUENTES MOYADO Barrera A. et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	2001
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152	Catalytic Study of WS2 Undergoing Electron Irradiation	DONALD HOMERO GALVAN MARTINEZ GABRIEL ALONSO NUÑEZ ESBAIDE ADEM CHAHIN et al.	JOURNAL OF CATALYSIS	2000
153	Evolution of crystalline phases in nickel-tungsten sulfide catalysts	AMELIA OLIVAS SARABIA MIGUEL AVALOS BORJA SERGIO FUENTES MOYADO	MATERIALS LETTERS	2000
154	Ni-Mo and Ni-W sulfide catalysts prepared by decomposition of binary thiometallates	SERGIO FUENTES MOYADO Pedraza F.	CATALYSIS LETTERS	2000
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157	Role of mordenite acid properties in silver cluster stabilization	NINA BOGDANCHIKOVA VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO et al.	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	2000

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159	Structural and catalytic properties of Pd/Al2O3-La2O3 catalysts	SERGIO FUENTES MOYADO NINA BOGDANCHIKOVA MIGUEL AVALOS BORJA et al.	CATALYSIS TODAY	2000
160	Comparing the DBT conversion by using crystalline WS2 and WS2 electron irradiated catalyst	GABRIEL ALONSO NUÑEZ ESBAIDE ADEM CHAHIN SERGIO FUENTES MOYADO et al.	Materials Research Society Symposium Proceedings	1999
161	Influence of preparation conditions on formation of crystalline phases of nickel sulfide	AMELIA OLIVAS SARABIA MIGUEL AVALOS BORJA VITALI PETRANOVSKI AFANASIEVNA et al.	MATERIALS LETTERS	1999
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163	Catalytic properties of WS2 catalysts prepared by in situ decomposition of tetraalkyl-ammonium thiotungstates	GABRIEL ALONSO NUÑEZ VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO et al.	STUD SURF SCI CATAL	1999
164	Influence of preparation on the structure and CO conversion of ?-Bi 2MoO 6 catalysts	DONALD HOMERO GALVAN MARTINEZ FELIPE FRANCISCO CASTILLON BARRAZA MIGUEL AVALOS BORJA et al.	REACT KINET CATAL L	1999
165	Deactivation of MoS2 catalysts during the HDS of thiophene	SERGIO FUENTES MOYADO Pedraza F. Vrinat M. et al.	CATALYSIS LETTERS	1999
166	Synthesis and characterization of nickel sulfide catalysts	AMELIA OLIVAS SARABIA VITALI PETRANOVSKI AFANASIEVNA MIGUEL AVALOS BORJA et al.	JOURNAL OF VACUUM SCIENCE & TECHNOLOGY A	1998
167	Structural properties of Pd catalysts supported on Al2O3-La2O3 prepared by sol-gel method	NINA BOGDANCHIKOVA SERGIO FUENTES MOYADO MIGUEL AVALOS BORJA et al.	APPLIED CATALYSIS B-ENVIRONMENTAL	1998
168	Preparation of MoS2 and WS2 catalysts by in situ decomposition of ammonium thiosalts	GABRIEL ALONSO NUÑEZ VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO et al.	CATALYSIS LETTERS	1998
169	Preparation of MoS2 catalysts by in situ decomposition of tetraalkylammonium thiomolybdates	GABRIEL ALONSO NUÑEZ VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO et al.	CATALYSIS TODAY	1998
170	Synthesis and characterization of tetraalkylammonium thiomolybdates and thiotungstates in aqueous solution	GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO Aguirre G. et al.	INORGANICA CHIMICA ACTA	1998

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171	Synthesis of Ni/SiO2 catalysts through precipitation of silica-sols: Effect of aging and Ca(Ba) additives	FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO MIGUEL AVALOS BORJA et al.	APPLIED CATALYSIS A-GENERAL	1998
172	Hydrodesulfurization activity of MoS2 catalysts modified by chemical exfoliation	MIGUEL AVALOS BORJA SERGIO FUENTES MOYADO Del Valle M. et al.	CATALYSIS LETTERS	1998
173	Hydrodeoxygenation on unsupported nickel sulfide catalysts	AMELIA OLIVAS SARABIA VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO et al.	American Chemical Society, Division of Petroleum Chemistry, Preprints	1998
174	Desorption and catalytic properties of palladium, supported on Al2O3-La2O3, prepared by the sol-gel method	SERGIO FUENTES MOYADO NINA BOGDANCHIKOVA Peraaza M. et al.	CATALYSIS LETTERS	1997
175	Chemical interaction of pulsed laser deposited Co with the MoS2(0001) surface	LEONARDO MORALES DE LA GARZA SERGIO FUENTES MOYADO Bulicz J.	SURFACE SCIENCE	1996
176	Effect of preparation parameters on the microporous structure of Ni/SiO2 catalysts	FELIPE FRANCISCO CASTILLON BARRAZA SERGIO FUENTES MOYADO MIGUEL AVALOS BORJA et al.	Materials Research Society Symposium Proceedings	1996
177	Phosphorus promoted WS2/Al2O3 catalysts studied by transmission electron microscopy	MIGUEL AVALOS BORJA SERGIO FUENTES MOYADO MARIO HUMBERTO FARIAS SANCHEZ et al.	CATALYSIS LETTERS	1996
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LIBROS Y CAPITULOS CON ISBN

Obras con registro ISBN

#	Título	Autores	Alcance	Año	ISBN
1	Catalizadores	GABRIELA ALICIA DIAZ GUERRERO SERGIO FUENTES MOYADO	Libro Completo	2016	9786071638502
2	Catalizadores	GABRIELA ALICIA DIAZ GUERRERO SERGIO FUENTES MOYADO	Libro Completo	2016	9786071638830
3	¿Como se usan los nanocatalizadores para producir combustibles fosiles limpios?	TRINO ARMANDO ZEPEDA PARTIDA GABRIEL ALONSO NUÑEZ SERGIO FUENTES MOYADO	Capítulo de un Libro	2016	9786070281440
4	Grandes retos del siglo XXI	SERGIO FUENTES MOYADO ROSAURA RUIZ GUTIERREZ	Libro Completo	2014	9786070251320
5	Grandes retos del siglo XXI	SERGIO FUENTES MOYADO ROSAURA RUIZ GUTIERREZ	Libro Completo	2014	9786070252587
6	Ceria-zirconia-alumina mixed oxides prepared by the organic-free sol-gel technique	VITALI PETRANOVSKI AFANASIEVNA SERGIO FUENTES MOYADO Frolova E. et al.	Capítulo de un Libro	2005	9789812701879

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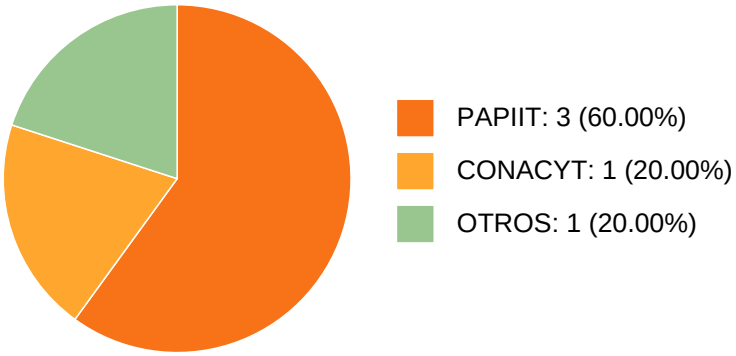
PARTICIPACIÓN EN PROYECTOS

Histórico de participación en proyectos



#	Nombre	Participantes	Fuente	Fecha inicio	Fecha fin
1	Desarrollo de catalizadores soportados para la producción de combustibles de ultra bajo azufre.	SERGIO FUENTES MOYADO	Recursos CONACYT, Sector Público (Federal, Estatal o Municipal)	23-06-2015	29-01-2021
2	Síntesis y estudio teórico/experimental de zeolitas laminares pilareadas con óxidos variables: MFI, MOR, HEU, BEA.	SERGIO FUENTES MOYADO	Recursos PAPIIT	01-01-2020	31-12-2022
3	Preparación de máscaras de protección contra el virus SARS-CoV-2 causante de la enfermedad COVID-19.	SERGIO FUENTES MOYADO	Recursos PAPIIT	01-01-2021	31-12-2023
4	Desarrollo de catalizadores soportados para la producción de combustibles de ultra bajo azufre.	SERGIO FUENTES MOYADO	Recursos CONAHCyT	29-07-2015	29-12-2023
5	Preparación de máscaras de protección contra el virus SARS-CoV-2 causante de la enfermedad COVID-19	SERGIO FUENTES MOYADO	Recursos PAPIIT	01-01-2021	31-12-2023

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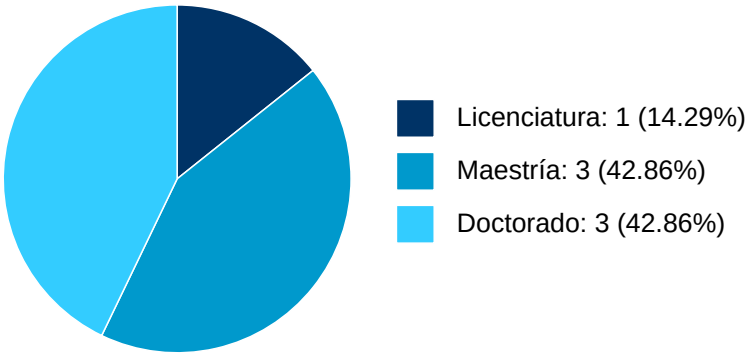
PARTICIPACIÓN EN TESIS

Histórico de Colaboraciones en Tesis



#	Título del documento	Tipo de Tesis	Sinodales	Autores	Entidad	Año
1	Estudio de la interacción Fe-Ag en la estructura mordenita y su influencia en la actvidad catalítica de reducción de NO	Tesis de Doctorado	SERGIO FUENTES MOYADO,	Sánchez López, Perla Jazmín,	Centro de Nanociencias y Nanotecnología en la UNAM,	2019
2	Síntesis de catalizadores NiMoWAl a partir de precursores tipo hidrotalcita aplicados a la reacción de hidrodesulfuración de dibenzotiofeno	Tesis de Doctorado	SERGIO FUENTES MOYADO,	Pérez Cabrera, Luis,	Centro de Nanociencias y Nanotecnología en la UNAM,	2018
3	Síntesis de catalizadores como en zeolitas con estructura jerárquica para hidrotratamiento	Tesis de Doctorado	SERGIO FUENTES MOYADO,	TRINO ARMANDO ZEPEDA PARTIDA, Yocupicio Gaxiola, Rosario Isidro,	Centro de Nanociencias y Nanotecnología en la UNAM,	2017
4	Síntesis y caracterización de catalizadores de Co-Mo y Ni-Mo para hds soportados sobre nanobastones de alúmina	Tesis de Licenciatura	SERGIO FUENTES MOYADO,	Pano Paniagua, Erick Daniel,	Centro de Nanociencias y Nanotecnología en la UNAM,	2015

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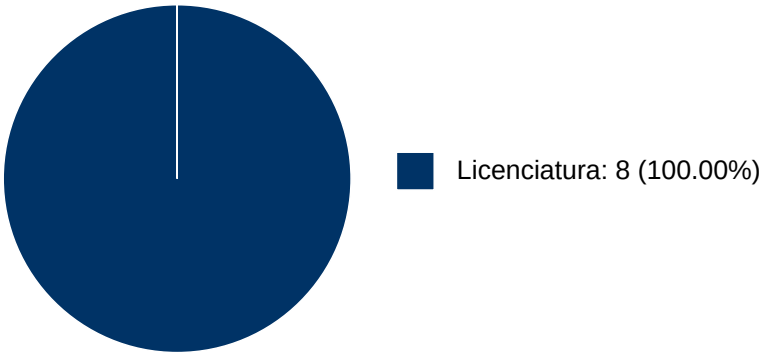
5	Síntesis y estudio de sistemas bimetálicos ag:fe soportados en zeolitas mor y fer	Tesis de Maestría	SERGIO FUENTES MOYADO,	Sánchez López, Perla Jazmin,	Centro de Nanociencias y Nanotecnología en la UNAM,	2014
6	Estudio de la hidrodesulfuración de dibenzotiofeno sobre Co/Mo soportado en alúmina convencional modificada con fósforo	Tesis de Maestría	SERGIO FUENTES MOYADO,	Torres Otáñez, Gildardo,	Centro de Nanociencias y Nanotecnología en la UNAM,	2012
7	Catalizadores de Pt y Pd soportados sobre óxidos de Ce-Zr-La en alúmina para reducción de NO	Tesis de Maestría	SERGIO FUENTES MOYADO,	Yocupicio Gaxiola, Rosario Isidro,	Centro de Nanociencias y Nanotecnología en la UNAM,	2010

SERGIO FUENTES MOYADO

DOCENCIA IMPARTIDA

Histórico de docencia

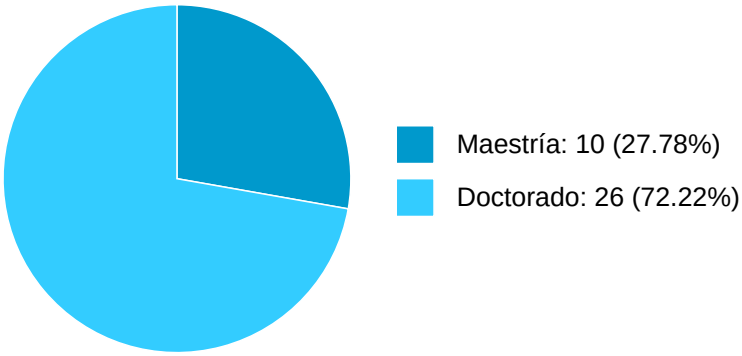


#	Nivel titulación	Asignatura	Entidad	Alumnos	Semestre
1	Licenciatura	NANOCATALISIS	Centro de Nanociencias y Nanotecnología en la UNAM	6	2024-1
2	Licenciatura	NANOCATALISIS	Centro de Nanociencias y Nanotecnología en la UNAM	4	2023-1
3	Licenciatura	NANOCATALISIS	Centro de Nanociencias y Nanotecnología en la UNAM	6	2022-1
4	Licenciatura	NANOCATALISIS	Centro de Nanociencias y Nanotecnología en la UNAM	7	2021-1
5	Licenciatura	NANOCATALISIS	Centro de Nanociencias y Nanotecnología en la UNAM	5	2020-1
6	Licenciatura	NANOCATALISIS	Centro de Nanociencias y Nanotecnología en la UNAM	4	2019-1
7	Licenciatura	NANOCATALISIS	Centro de Nanociencias y Nanotecnología en la UNAM	6	2018-1
8	Licenciatura	NANOCATALISIS	Centro de Nanociencias y Nanotecnología en la UNAM	3	2017-2

SERGIO FUENTES MOYADO

TUTORIAS EN POSGRADO

Histórico de tutorías en posgrado



#	Entidad	Nivel	Plan de estudios	Año	Semestre
1	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2017	2017-2
2	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2017	2018-1
3	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2016	2016-2
4	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2016	2017-1
5	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2015	2015-2
6	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2015	2016-1
7		Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2015	2015-2
8		Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2015	2016-1

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9	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2015	2015-2
10	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2014	2014-2
11	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2014	2015-1
12		Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2014	2014-2
13		Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2014	2015-1
14	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2014	2014-2
15	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2014	2015-1
16	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2013	2013-2
17	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2013	2014-1
18		Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2013	2013-2
19		Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2013	2014-1
20	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2013	2013-2
21	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2013	2014-1
22	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2012	2012-2
23	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2012	2013-1
24		Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2012	2012-2

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25		Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2012	2013-1
26	Instituto de Investigaciones en Materiales	Doctorado	Doctorado en Ciencias e Ingeniería de Materiales	2011	2012-1
27	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2011	2011-2
28	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2011	2012-1
29	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2010	2010-2
30	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2010	2011-1
31	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2010	2010-2
32	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2009	2009-2
33	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2009	2009-2
34	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2009	2010-1
35	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2008	2008-2
36	Instituto de Investigaciones en Materiales	Maestría	Maestría en Ciencias e Ingeniería de Materiales	2008	2009-1

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PATENTES

#	Título	Inventores	Sección	Año
1	CATALIZADORES SOPORTADOS PARA LA PRODUCCION DE COMBUSTIBLES DE ULTRA-BAJO AZUFRE.	SERGIO FUENTES MOYADO, ELENA SMOLENTSEVA, GABRIEL ALONSO NUÑEZ, et al.	CHEMISTRY; METALLURGYPERFORMING OPERATIONS; TRANSPORTING	2017
2	METODO DE OBTENCION DE UN MATERIAL COMPUESTO DE ALUMINOSILICATO QUE CONTIENE ALUMINA Y NANOZEOLITA.	SERGIO FUENTES MOYADO,	CHEMISTRY; METALLURGYPERFORMING OPERATIONS; TRANSPORTING	2019

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FUENTES DE INFORMACIÓN

Internos

#	Información	Fuente	Sistema	Periodo
1	Grupos ordinarios y resumen de historias académicas	DGAE	SIAE	2008-2024
2	Nombramientos, datos generales, estímulos, premios y reconocimientos	DGAPA	RUPA	2008-2024
3	Producción Académica	CH	Humanindex	2008-2021
4	Producción Académica	CIC	SCIC	2000-2017
5	Proyectos	DGPO	SISEPRO	2018-2022
6	Tesis	DGB	TESIUNAM	2008-2024
7	Tutorías en Posgrado	CGEP	SIIPosgrado	2008-2021

Externos

#	Información	Fuente	Sistema	Periodo
8	Documentos Indexados	Elsevier	Scopus	2008-2024
9	Documentos Indexados	Thomson Reuters	WoS	2008-2024
10	Obras con registro ISBN	INDAUTOR	Agencia ISBN	2008-2024
11	Patentes	IMPI	SIGA	2008-2024