



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



FAROOK BASHIR YOUSIF

Datos Generales

Nombre: FAROOK BASHIR YOUSIF

Máximo nivel de estudios: DOCTORADO

Antigüedad académica en la UNAM: 2 años

Nombramientos

Último: PROFESOR DE CARRERA TITULAR B TC No Definitivo
Facultad de Ciencias
Desde 16-12-2014 hasta 31-08-2015

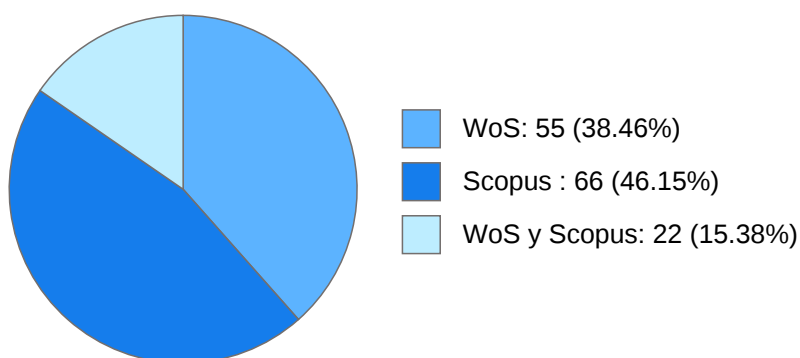
Estímulos, programas, premios y reconocimientos

SNI II 2010 - 2022
PRIDE C - 2015

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DOCUMENTOS EN REVISTAS

Histórico de Documentos



#	Título	Autores	Revista	Año
1	Measurements of Electron Density, Temperature, and Absolute Metastable $1s(3)$ and $1s(5)$ States of Ar in Ar-CO DC Discharge Employing Emission Spectroscopy	FAROOK BASHIR YOUSIF MARIA DEL CARMEN CISNEROS GUDIÑO J. R. Legorreta et al.	IEEE TRANSACTIONS ON PLASMA SCIENCE	2023
2	Characterization of DC N ₂ O Plasma Discharge Using Optical Emission Spectroscopy	FAROOK BASHIR YOUSIF BEATRIZ ELIZABETH FUENTES MADARIAGA Lopez J. et al.	IEEE TRANSACTIONS ON PLASMA SCIENCE	2020
3	Ionization and electron capture for H ⁺ collisions at low keV energy with CCl ₄ molecules	BEATRIZ ELIZABETH FUENTES MADARIAGA FAROOK BASHIR YOUSIF J. R. Legorreta et al.	NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS	2020
4	Langmuir probe, optical, and mass characterization of a DC CO ₂ -H ₂ plasma	HORACIO MARTINEZ VALENCIA PEDRO GUILLERMO REYES ROMERO JOSEFINA VERGARA SANCHEZ et al.	PHYSICS OF PLASMAS	2020

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5	Electronegativity Measurements and Analysis for CO ₂ and CO in DC Plasma Discharge	JUAN LOPEZ PATIÑO BEATRIZ ELIZABETH FUENTES MADARIAGA HORACIO MARTINEZ VALENCIA et al.	IEEE TRANSACTIONS ON PLASMA SCIENCE	2019
6	Absolute total ionization and dissociative ionization cross sections for H ⁺ impact on N ₂ O within the energy range of 2-10 keV	JORGE LOPEZ PATIÑO BEATRIZ ELIZABETH FUENTES MADARIAGA FAROOK BASHIR YOUSIF et al.	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2019
7	Dynamics of a vertically vibrating mercury drop	FAROOK BASHIR YOUSIF Singla T. Verma D.K. et al.	AIP ADVANCES	2019
8	Photo-Detachment of Nitrous Oxide in DC Plasma Discharge	FAROOK BASHIR YOUSIF BEATRIZ ELIZABETH FUENTES MADARIAGA HORACIO MARTINEZ VALENCIA et al.	IEEE TRANSACTIONS ON PLASMA SCIENCE	2019
9	Ionization and electron capture for H ⁺ collisions at low keV energy with a water-vapor target	BEATRIZ ELIZABETH FUENTES MADARIAGA FAROOK BASHIR YOUSIF HORACIO MARTINEZ VALENCIA et al.	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2019
10	Photo-detachment of negative ions in Ar-CO ₂ dc discharge employing Langmuir probe	FAROOK BASHIR YOUSIF BEATRIZ ELIZABETH FUENTES MADARIAGA HORACIO MARTINEZ VALENCIA et al.	PHYSICS OF PLASMAS	2018
11	Study of DC Ar-CO ₂ mixture plasma using optical emission spectroscopy and mass spectrometry techniques	FAROOK BASHIR YOUSIF FERMIN CASTILLO MEJIA Martinez, H. et al.	PHYSICS OF PLASMAS	2017
12	Ionization and electron capture for H ⁺ collisions with CO at low keV energy	BEATRIZ ELIZABETH FUENTES MADARIAGA FAROOK BASHIR YOUSIF HORACIO MARTINEZ VALENCIA et al.	Physics Procedia	2017
13	Construction and Test of a 10 Kv Ion Accelerator in The Faculty of Science of UNAM	BEATRIZ ELIZABETH FUENTES MADARIAGA FAROOK BASHIR YOUSIF JUAN LOPEZ PATIÑO	Physics Procedia	2015
14	Extensive study of shape and surface structure formation in the mercury beating heart system	FAROOK BASHIR YOUSIF Ramírez-Álvarez E. Ocampo-Espindola J.L. et al.	JOURNAL OF PHYSICAL CHEMISTRY A	2014
15	Interpretations of langmuir probe data for positive ion number density of N ₂ O DC plasma discharge	FAROOK BASHIR YOUSIF Elizabeth Beatriz Fuentes HORACIO MARTINEZ VALENCIA et al.	IEEE TRANSACTIONS ON PLASMA SCIENCE	2014
16	An investigation into electron temperature, number density, and optical emission spectroscopy of the dc hollow-cathode plasma discharge in N ₂ O	FAROOK BASHIR YOUSIF Mondragon A.B.	IEEE TRANSACTIONS ON PLASMA SCIENCE	2012

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17	Electrical and optical characterization of pulsed plasma of N-2-H-2	HORACIO MARTINEZ VALENCIA FAROOK BASHIR YOUSIF	EUROPEAN PHYSICAL JOURNAL D	2008
18	Formation of O ₂ ⁺ in collisions between O ⁺ ions and N ₂ molecules	HORACIO MARTINEZ VALENCIA FAROOK BASHIR YOUSIF	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	2006
19	Absolute differential and total cross sections for charge transfer of O ⁺ ground and mixed states ions in N ₂	HORACIO MARTINEZ VALENCIA FAROOK BASHIR YOUSIF Hernandez C.L.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2006
20	Optical and electrical characteristics of AC glow-discharge plasma in N ₂ O	FAROOK BASHIR YOUSIF Valencia H.M. Robledo-Martínez A. et al.	IEEE TRANSACTIONS ON PLASMA SCIENCE	2006
21	The formation and motion of CCl ₄ - in CCl ₄ - Ar mixture	HORACIO MARTINEZ VALENCIA FAROOK BASHIR YOUSIF	AIP Conference Proceedings	2006
22	Ionization of CCl ₄ and CCl ₂ F ₂ by electron impact	FAROOK BASHIR YOUSIF Lindsay B.G. McDonald K.F. et al.	AIP Conference Proceedings	2006
23	AC glow discharge plasma in N ₂ O	FAROOK BASHIR YOUSIF HORACIO MARTINEZ VALENCIA FERMIN CASTILLO MEJIA et al.	AIP Conference Proceedings	2006
24	Negative ion formation and motion in a mixture of [Formula presented] and Ar	FAROOK BASHIR YOUSIF HORACIO MARTINEZ VALENCIA	PHYS REV E	2004
25	Electron-impact ionization of CCl ₄ and CCl ₂ F ₂	FAROOK BASHIR YOUSIF Lindsay B.G. McDonald K.F. et al.	JOURNAL OF CHEMICAL PHYSICS	2004
26	Negative ion formation and motion in a mixture of CCl ₄ and Ar	FAROOK BASHIR YOUSIF HORACIO MARTINEZ VALENCIA	PHYSICAL REVIEW E	2004
27	Collision-induced dissociation and dissociative capture of H ₂ ⁺ in Ar and Kr	HORACIO MARTINEZ VALENCIA FAROOK BASHIR YOUSIF	PHYSICAL REVIEW A	2004
28	Negative ion motion in the mixtures of SF ₆ with CF ₄ and CH ₄ -Ar	JAIME DE URQUIJO CARMONA FAROOK BASHIR YOUSIF	PHYS REV E	2003
29	Resonance multiphoton ionization study of the [Formula Presented] state of CO	FAROOK BASHIR YOUSIF Flores J.P.	PHYSICAL REVIEW A	2003
30	Resonance multiphoton ionization study of the B ¹ Σ ⁺ state of CO	FAROOK BASHIR YOUSIF Pablo Flores J.	PHYSICAL REVIEW A	2003

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31	Ion-formation total cross sections from dissociative collisions of vibrationally relaxed [Formula Presented] [Formula Presented] and [Formula Presented] molecular ions with He	GUILLERMO GUADALUPE HINOJOSA AGUIRRE FAROOK BASHIR YOUSIF MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2002
32	Total cross section for the dissociative excitation of [Formula Presented] molecular ions in collision with He	FAROOK BASHIR YOUSIF	PHYSICAL REVIEW A	2002
33	Dissociative excitation and fragmentation cross section of [Formula Presented] molecular ions in collision with He	FAROOK BASHIR YOUSIF Domínguez J.I.	PHYSICAL REVIEW A	2002
34	Negative ion motion in mixtures of CH ₄ and Ar with low SF ₆ content	JAIME DE URQUIJO CARMONA FAROOK BASHIR YOUSIF	Conference On Electrical Insulation And Dielectric Phenomena (ceidp), Annual Report	2002
35	Dissociative excitation and fragmentation cross section of HeH ⁺ molecular ions in collision with He	FAROOK BASHIR YOUSIF Domínguez J.I.	PHYSICAL REVIEW A	2002
36	Total cross section for the dissociative excitation of He ₂ ⁺ molecular ions in collision with He	FAROOK BASHIR YOUSIF	PHYSICAL REVIEW A	2002
37	Ion-formation total cross sections from dissociative collisions of vibrationally relaxed H ₃ ⁺ , D ₃ ⁺ , and HD ₂ ⁺ molecular ions with He	GUILLERMO GUADALUPE HINOJOSA AGUIRRE FAROOK BASHIR YOUSIF MARIA DEL CARMEN CISNEROS GUDIÑO et al.	PHYSICAL REVIEW A	2002
38	Experimental verification of quasibound predissociative states of H ₃ ⁺ above the H ⁺ +H ₂ dissociation limit	IGNACIO ALVAREZ TORRES FAROOK BASHIR YOUSIF JAIME DE URQUIJO CARMONA et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	2000
39	Polar dissociation of vibrationally de-excited H ₃ ⁺ and D ₃ ⁺ in collision with He	GUILLERMO GUADALUPE HINOJOSA AGUIRRE FAROOK BASHIR YOUSIF MARIA DEL CARMEN CISNEROS GUDIÑO et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1999

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40	Generation of an $H_3^+(v=0)$ beam and its diagnosis from the observation of its polar dissociation in collision with He	FAROOK BASHIR YOUSIF GUILLERMO GUADALUPE HINOJOSA AGUIRRE JAIME DE URQUIJO CARMONA et al.	INT J MASS SPECTROM	1998
41	Stimulated radiative recombination of H^+ and He^+	FAROOK BASHIR YOUSIF Rogelstad M.L. Morgan T.J. et al.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1997
42	Dissociative recombination of vibrationally excited H_2^+ ions: High-Rydberg-state formation	FAROOK BASHIR YOUSIF Chibisov M.L. Mitchell J.B.A. et al.	PHYSICAL REVIEW A	1997
43	Radiative decay of the $HeH^+ b\ 3\Sigma_g^+;$ molecular ion	FAROOK BASHIR YOUSIF Chibisov M.I. Van Der Donk P.J.T. et al.	PHYSICAL REVIEW A	1996
44	Super-dissociative recombination of $H_2^+?$	FAROOK BASHIR YOUSIF Mitchell J.B.A. Van der Donk P.J.T. et al.	INT J MASS SPECTROM	1995
45	Electron-impact dissociative excitation of H_2^+ : low energy studies	FAROOK BASHIR YOUSIF Mitchell J.B.A.	Z PHYS D ATOM MOL CL	1995
46	Dissociative recombination of HeH^+ : A reexamination	FAROOK BASHIR YOUSIF Mitchell J.B.A. Rogelstad M. et al.	PHYSICAL REVIEW A	1994
47	Ion-pair formation in the dissociative recombination of h_3^+	FAROOK BASHIR YOUSIF Van Der Donk P. Mitchell J.B.A.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1993
48	Van der Donk et al. reply	FAROOK BASHIR YOUSIF Van Der Donk P. Mitchell J.B.A. et al.	PHYSICAL REVIEW LETTERS	1992
49	Experimental observation of laser-stimulated radiative recombination	FAROOK BASHIR YOUSIF Van Der Donk P. Kucherovsky Z. et al.	PHYSICAL REVIEW LETTERS	1991
50	Dissociative recombination of H_2^+	FAROOK BASHIR YOUSIF Van Der Donk P. Mitchell J.B.A. et al.	PHYSICAL REVIEW LETTERS	1991
51	Dissociative recombination and excitation of D_3^+	FAROOK BASHIR YOUSIF Van Der Donk P. Mitchell J.B.A.	PHYSICAL REVIEW A	1991
52	Dissociative excitation and recombination of H_3^+	FAROOK BASHIR YOUSIF Van Der Donk P.J.T. Orakzai M. et al.	PHYSICAL REVIEW A	1991
53	The formation of quasi-bound states of $n_2\ 2^+in\ h^+-n_2$ collisions	FAROOK BASHIR YOUSIF Lindsay B.G. Latimer C.J.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1990

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54	Balmer alpha emission in collisions of fast H ₂ molecules with N ₂ , O ₂ , H ₂ O and CH ₄	FAROOK BASHIR YOUSIF Geddes J. Gilbody H.B.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1990
55	Molecular ion recombination: Branching ratio measurements	FAROOK BASHIR YOUSIF	OPTICS, PHOTONICS, AND DIGITAL TECHNOLOGIES FOR IMAGING APPLICATIONS VIII	1989
56	Recombination and excitation of HeH ⁺	FAROOK BASHIR YOUSIF Mitchell J.B.A.	PHYSICAL REVIEW A	1989
57	Dissociative recombination and excitation of N ₂ +	FAROOK BASHIR YOUSIF Noren C. Mitchell J.B.A.	Journal Of The Chemical Society, Faraday Transactions 2: Molecular And Chemical Physics	1989
58	The double ionisation of hydrogen by 5-30 keV protons	FAROOK BASHIR YOUSIF Lindsay B.G. Latimer C.J.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1988
59	Dissociative recombination of electrons with H ₂ ⁺ in low vibrational states	FAROOK BASHIR YOUSIF Hus H. Noren C. et al.	PHYSICAL REVIEW LETTERS	1988
60	The role of molecular vibration in the collision-induced dissociation of H ₂ + ions	FAROOK BASHIR YOUSIF Lindsay B.G. Latimer C.J.	JOURNAL OF PHYSICS B-ATOMIC MOLECULAR AND OPTICAL PHYSICS	1988
61	Collisional destruction of fast H(2p), H(3s) and H(3d) hydrogen atoms in collision with He, Ar, H ₂ , N ₂ and O ₂	FAROOK BASHIR YOUSIF Geddes J. Hill J. et al.	Journal Of Physics B: Atomic And Molecular Physics	1987

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62	Balmer α emission in collisions of H , H^+ , H_2^+ and H_3^+ with CH_4	FAROOK BASHIR YOUSIF Geddes J. Gilbody H.B.	Journal Of Physics B: Atomic And Molecular Physics	1987
63	Charge states of heavy-ion beams in hydrogen	FAROOK BASHIR YOUSIF Geddes J. Gilbody H.B.	JOURNAL OF PHYSICS D-APPLIED PHYSICS	1987
64	The dissociative ionisation of hydrogen by 5–25 keV protons: Energy spectra and angular distribution of fragment ions	FAROOK BASHIR YOUSIF Lindsay B.G. Simpson F.R. et al.	Journal Of Physics B: Atomic And Molecular Physics	1987
65	Dissociative ionisation and charge transfer in He^+-O_2 collisions	FAROOK BASHIR YOUSIF Lindsay B.G. Simpson F.R. et al.	Journal Of Physics B: Atomic And Molecular Physics	1987
66	Balmer α emission in collisions of H , H^+ , H_2^+ and H_3^+ with N_2 , O_2 and H_2O	FAROOK BASHIR YOUSIF Geddes J. Gilbody H.B.	Journal Of Physics B: Atomic And Molecular Physics	1986
67	Total and state-selective capture by slow N_2^+ ions in atomic and molecular hydrogen	FAROOK BASHIR YOUSIF Wilkie F.G. McCullough R.W. et al.	Journal Of Physics B: Atomic And Molecular Physics	1985



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PARTICIPACIÓN EN PROYECTOS

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

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

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DOCENCIA IMPARTIDA

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FAROOK BASHIR YOUSIF

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