

Personal Data:

Name			Nationality	Place of Birth	Date of Birth	Gender	Marital Status
Frist	Middle	Family	Tunisian	Tunis		Female	Married
Asma	Rachid	Arfaoui					
General Specialization		Physics					
Specialization		Physics					
Current Position			Assistant Professor				
Scientific Title			Assistant Professor				
Highest degree/ Date			Doctorate				
IDNumber							
College			Sciences	Department	Physics		

Contact Data:

Address	Girls Section Sakaka		E-mail address (official)	
Work Phone no. (Internal (phone number	5126		E-mail address (personal)	
Home phone number			Personal site	optional
Mobile			Fax	
Mailbox		Postal code		

Education (Bachelor, Master, PhD, Other):

No.	Qualification	Date	Degree	University	Collage	Scientific Department	Specialization	
							General	Specific
1	Bachelor	June 2010		Sciences faculty Tunis El Manar	Sciences faculty Tunis El	Physics	Physics	Physics

					Manar			
2	Master	June 2012		Sciences faculty Tunis El Manar	Sciences faculty Tunis El Manar	Physics	Physics	Condensed Matter
3	PhD	May 2016		Sciences faculty Tunis El Manar	Sciences faculty Tunis El Manar	Physics	Physics	Physics

Employment Qualifications:

Job	Job Title	University Degree	Workplace	Date		Work duty	Years of Experience
				From	To		
Academic	<i>Assistant in Physics; contractual</i>	Master	<i>SCHOOL OF RURAL EQUIPMENT ENGINEERS OF MEDJEZ EL BEB</i>	2012	2013		1
Academic	<i>Assistant in Physics; contractual</i>	Master	<i>HIGHER INSTITUTE OF TECHNOLOGICAL STUDIES OF BEJA</i>	2013	2015		2

Participation in scientific conferences and symposiums

No.	Title of the conference or symposium	Held in	Year
1	“International Green Energy Conference and Euro-Meditarranean Hydrogen Technologies Conference 2016”. ETERERA 2020 Poster « <i>annealing effect on physical properties of evaporated molybdenum oxide thin films for sensitivity applications</i> ».	Gammarth, Tunisia.	2016
2	“Physmed Euro Institu 2eme Ecole: Materiaux et Nanomateriaux, de la therorie aux applications”. Oral Communication « <i>gas sensing properties of tungsten oxide and molybdenum oxide thin films</i> ».	Yasmine Hammamet, Tunisia.	2015
3	“MATERIAUX 2015 «TU-MRS»” Oral Communication « <i>Structural, morphological and gas sensing properties of molybdenum oxide thin films</i> ».	Mahdia, Tunisia	2015
4	“Euro-Mediterranean Meeting on Functionalized Materials «EMM-FM/2013»”. Poster « <i>Annealing Effect on morphological, structural and optical properties of thermally evaporated WO₃ thin films</i> ».	Hammamet, Tunisia.	2013
5	“Journées Jeunes Chercheurs en Physique” Oral Communication « <i>Elaboration and characterization of tungsten oxide thin films</i> ».	University of Sciences of Tunis.	2012

Supervision of undergraduate:

No.	Thesis Title	Degree		University	Year	Collage	Department
		M.Sc.	Ph.D.				
1							
2							
3							
4							

Membership of specialized committees and associations:

No.	Committee	Period	Place
1			
2			
3			
4			

Training courses and workshops:

No.	courses / workshop	Specialization	Held in	Year
1				
2				
3				
4				

5				
6				

Skills:

Skills	1	
	2	
	3	
	4	

Community, cultural and volunteer contributions:

No.	activity	Type of activity	Period
1	Coordinator of Entrepreneurship Center	Social and Cultural Sciences	
2			
3			

Awards and honors:

No.	Award	Awarded by	Specialization	Period
1				
2				
3				

Administrative positions

No.	Position	Organization	Country	Period
1	Coordinator of the Physics Department	Female Section, College of Science, Al-Jouf University	Saudi Arabia	1441/1440
2	Coordinator of Entrepreneurship Center	Social and Cultural Sciences	Saudi Arabia	1441/1440

Languages:

language	Speaking	Writing	Reading
Arabic	yes	yes	
French	yes	yes	
English	yes	yes	

Authoring Books

No.	Book Title	ISBN	Co-Author	Edition	Number of Pages	Book Language	PublicationDate
1							
2							
3							
4							
5							
6							

ScientificPublication:

سنة النشر	الناشر	مكان النشر	عنوان البحث
2020	A. Arfaoui, A Mhamdi, , M Amlouk	<i>Optik 205, (2020), 164254</i>	Physical investigations on mixed quaternary oxide Co _{0.7} Fe _{0.3} (MoO ₄) thin film
2019	A. Arfaoui, A Mhamdi, B Khalfallah, S Belgacem, M Amlouk	<i>Applied Physics A 125 -8 (2019), 517.</i>	Physical characterizations of the sprayed ZrMo ₂ O ₈ thin films
2018	A. Arfaoui, A. Mhamdi, N. Besrour, S. Touihri, H.I. Ouzari, Z. A. Alrowaili, M. Amlouk	<i>Thin Solid Films 648 (2018)12-20.</i>	Investigations into the physical properties of SnO ₂ /MoO ₃ and SnO ₂ /WO ₃ bi-layered structures along with photocatalytic and antibacterial applications
2017	A. Arfaoui, A. Mhamdi, D. Jlidi, S. Belgacem	Journal of Alloys and Compounds 719 (2017) 392-400.	Physical and ethanol sensing properties of sprayed Fe ₂ (MoO ₄) ₃ thin films
	S. Touihri , A. Arfaoui , Y. Tarchouna, A. Labidi , M. Amlouk	» Applied Surface Science 394 (2017) 719-729.	<u>Annealing effect on physical properties of evaporated molybdenum</u>

	and J.C. Bernede		<u>oxide thin films for ethanol sensing</u>
2015	A. Arfaoui , S. Touihri, A. Mhamdi, A. Labidi, T. Manoubi	Applied Surface Science 357 (2015) 1089–1096	<u>Structural, morphological, gas sensing and photocatalytic characterization of MoO₃ and WO₃ thin films prepared by the thermal vacuum evaporation technique</u>
	A. Arfaoui , B. Ouni, S. Touihri, A. Mhamdi, A. Labidi, T. Manoubi	Optical Materials 45 (2015) 109–120.	<u>Effect of annealing in a various oxygen atmosphere on structural, optical, electrical and gas sensing properties of Mo_xO_y thin films</u>
	A. Mhamdi, R. Dridi, A. Arfaoui , C. Awada, M. Karyaoui, I. A. Velasco-Davalos , A. Ruediger and M. Amlouk	Optical Materials 47 (2015) 386–390.	<u>Structural, surface morphology and optical properties of NiSnO₃ thin films prepared using spray technique</u>
	S. Touihri, A. Arfaoui , K. Boubaker, H. Essaidi, J.C. Bernède	Materials Science in Semiconductor Processing	<u>Influence of annealing and processing conditions on nano-structured thin films of tungsten trioxide</u>
2014	S. Dabbous, A. Arfaoui , K. Boubaker, A. Colantoni, L. Longo, M. Amlouk	Materials Science in Semiconductor Processing	<u>Comparative study of Indium and Zinc doped</u>

			<u>WO3 self organized porous crystals in terms of nano-structural and opto-thermal patterns</u>
	A. Arfaoui , B. Ouni , S. Touihri, T. Mannoubi	Materials Research Bulletin 60 (2014) 719–729	<i>Investigation into the optoelectrical properties of tungsten oxide thin films annealed in an oxygen air</i>

References:

No.	Name	Job	Address	E-Mail	Tel.
1					
2					