SARA MOHAMED ABD_ELAZEEM GAD

RESEARCHER

PERSONAL INFORMATION	Full Name: Affiliations: Address: Mobile No.: E-mail: Important links:	Sara Mohamed Abd_Elazeem Gad Electronic Materials Research Department, Advanced Technology and New Materials Research Institute,City of Scientific Research and Technological Applications (SRTA-City) 01008586031 sgad@srtacity.sci.eg
EDUCATION	List your Degrees here… (start with the most recent) (**Researcher&2019**) – in **BOLD** (National Institute of Laser Enhanced Science, Laser Interaction with Matter Department- Cairo University)	
ACTIVITIES	**Scientific Activities** **Conferences** 1. October 2010, participate in(The XXIX International conference on solid state science and materials physics & workshop on photonic crystals and graphene) by A) Poster (Preparation and characterization of ternary ZnCdS thin film as window layer for photovoltaic applications by low cost technique). B) Oral lecture (Metal contact work function and interface property ZnCdS/Cu2S heterostrucure). 2. 2. August 2012, accepted in oral presentation in the 1st International Conference on Nanostructures andNanomaterials: Science and Applications, Masjed-Soleyman, Iran. 3. 3. Attending (TWAS-ARO 7th Annual Meeting: Water,Nuclear and Renewable Energy conference) Bibliotheca, Alexandria.	

4. April 2013, participate in (solar cell conversion), Ain shams University, Egypt.

5-September 2013, Attending in the international conference of new horizons in basics and applied science, Hurgada, Egypt.

6-July 2015, Attending the 12th International conference on Nanoscience&Nanotechnologies, Thessaloniki, Greece.

Training:

1- Fourier transformer infrared spectroscopy (FTIR).
2- Particle size analyzer.
3-Surface Area and pore size distribution.
4- Thermal vacuum evaporation.
5- Dip coating technique.
6- Thermal gravimetric analyzer.
7- Differential Scanning Calorimeter.
8-Pulsed laser deposition techniques as KrF and Nd: YAG.
9- Laser safety.
10- UV spectroscopy.
11-Sputtering

Administrative Activities

List your Administrative Activities here…

1-Acting as assistant in teaching physics experimentally at Alex university –DamunhorBranch, from 2004 to 2007 in lab.

2-A specialist physics in the central lab,Theinstiute of new materials and technological application , The City of scientific reasearch of technological applications,New Borg ElArab,Alexandria,from 2007 to September 2012.

3-Joined to project of " Preparation solar cell by sulphidematrials"

	from 2009 until to 2011
	Extra-curriculum Activities List your Extra-curriculum Activitieshere…
GRANTS & AWARDS	List your Grants here…(start with the most recent) (Grant's Name – Date – Location)
	Awards List your Awards here…(start with the most recent) (Award's Name – Date – Location)
LIST OF PUBLICATIONS	List your Publications here…(start with the most recent) 1- SARA GAD, MARWA FATH Y, YEHIA BADR AND ABD EL-HADY B. KASHYOUT ,PULSED LASER DEPOSITION OF IN0.1GA0.9N NANOSHAPES BY ND:YAG TECHNIQUE, COATINGS2020, 10, 465 2- ABD EL-HADY B KASHYOUT, MARWAFATHY, SARA GAD ,YEHIABADR AND AHMED A. BISHARA, SYNTHESIS OF NANOSTRUCTURE INXGA1-XN BULK ALLOYS AND THIN FILMS FOR LED DEVICES, PHOTONICS 2019, 6, 44 3- M. ABDEL RAFEA, A.A.M. FARAG, SARA GAD, N. ROUSHDY, HETEROJUNCTION PERFORMANCE OF DIP COATED N-CD0.5ZN0.5S THIN FILMS ON DIFFERENT METAL SULFIDE SUBSTRATES MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, VOLUME 16, ISSUE 1, FEBRUARY 2013, PAGES 89-98 4- A.A.M. Farag, M. Abdel Rafea, Sara Gad, N. Roushdy , Electrical and interface characteristics of nanocrystalline n-Zn0.5Cd0.5S/p-Cu2S heterojunction structure prepared by dip coating,Superlattices and Microstructures, Volume 52, Issue 2, August 2012, Page288-298) 5- Sara Gad, M. Abdel Rafea, YehiaBadr, Optical and Photoconductive Properties of Pb0.9Sn0.1Se Nano-structured Thin Films Deposited by Thermal Vacuum Evaporation and Pulsed Laser Deposition, Journal of Alloys and Compounds,515,2012 .
