

## **Contact Info:**

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### **Biographical sketch:**

(Academic Degrees- Fellowships and Associations)

Mostafa received the B.Sc. degree in physics, M.Sc. and Ph.D. degrees in physics from Alexandria University in Egypt in 2008, 2013 and 2018 respectively. he is currently a Teacher basic science department, Pharos University. His main research interests are in preparation of nanomaterials. he has over four publications in these fields.

### **Publications:**

- Synthesize of Silver Nanoparticles by Arc Discharge Method Using Two Different Rotational Electrode Shapesj Clust Sci (2018) 29:1169-1175 Doi 10.1007/S10876-018-1430-2.
- A Comparative Adsorption Study Between Synthesized Silver Carbon Nanotubes and Synthesized Zinc Oxide Nanoparticles by Arc Discharge Method for The Removal of Methylene Blue Dye, Journal of Nanoresearch,2018.

	<ul style="list-style-type: none"> <li>- New Method to Control of Size and Yield Silver Nanoparticles Synthesized by Rotational Disk Electrode Arc Discharge International Journal of Scientific &amp; Engineering Research, Volume 9, Issue 3, March-2018 Issn 2229-5518.</li> <li>- Combined Effects Of Multi-Sized Agnps By Arc Discharge And Pmf Exposure On K. Pneumonia, Bioinspired, Biomimetic and Nanobiomaterials Journal 2018.</li> </ul>
<b>Academic Research Interests:</b>	Nanotechnology – Material Science – Water Treatment.