السِيَّرة الذاتية
Curriculum Vitae

Curriculum Vitae of investigator						السِيَّرة الذاتية للباحث
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الفيزياء	القسم Department	كلية العلوم والدراسات الإنسانية بالقويعية	الكلية / الإدارة College/Directorate	جامعة شقراء	جهة العمل Institute / University (Work)

جمهورية مصر العربية	بلد الميلاد Country of Birth	1/12/1977	تاريخ الميلاد Date of Birth	مصرى	الجنسية Nationality
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2011	تاريخها Date of Graduation	دكتوراه (فيزياء)	أعلى درجة علمية Highest Degree
جمهورية مصر العربية	الدولة Country	عين شمس	الجامعة University
	أخرى ، حدد Others (Specify)	أستاذ مساعد فيزياء	اللقب العلمي Academic Title
أغشية رقيقة من أشباه الموصلات العضوية وغير العضوية– خلايا شمسية	المجال الدقيق	فيزياء الجوامد	المجال العام
Organic and inorganic semiconductors thin films- Solar cells	**Specialization field**	**Solid State Physics**	**Major field**

الاهتمامات البحثية الحالية (عربي)

الخواص الضوئية والكهربية لأغشية رقيقة من أشباه الموصلات العضوية وغير العضوية – الخلايا الشمسية

Current Research Interests (English)

Optical and electrical properties of organic and inorganic thin films- Solar cells

The Ph.D & MS thesis titles & list of publications عناوين رسالة الدكتوراه والماجستير والأبحاث المنشورة

عنوان رسالة الماجستير:–

دراسة بعض المميزات التركيبة والخصائص الضوئية والكهربية لزجاج سيلينيد جرمانيوم الزرنيخ

Thesis title:
Study of some structural characterization, optical and electrical properties of selenide- germanium –arsenic glass

عنوان رسالة الدكتوراه:–

دراسة بعض الخصائص الفيزيائية والفولتضوئية لشرائح رقيقة من شبه موصل عضوى

Thesis title:
Study of some physical and photovoltaic properties of organic semiconductor thin films

الأبحاث المنشورة:-

1- Investigation of structural, electrical and optical properties of chitosan/fullerene composites
A.M. Hassanien, A.A. Atta, A.A. Ward, E.M.A. Ahmed, A. Alsubaie, M.M. El-Nahass, Tariq Altalhi
Materials Research Express 6 (2019) 125304

2- Influence of argon flow rate on structural and optical properties of transparent Nb_2O_5 thin films
A.A. Atta, **A.M. Hassanien,** M.M. El-Nahass, Abdallah A Shaltout, Yaser Abdullah Al-Talhi, Ahmed Mohammed Aljoudi
Optical and Quantum Electronics 51 (2019) 341

3- Gamma irradiation effects on structural and optical properties of amorphous and crystalline Nb_2O_5 thin films
Optical and Quantum Electronics 50 (2018) 313
M.M. El-Nahass, **A.M. Hassanien**, Ahmed Ashour, A. Alhuthali, Sultan E. Alomariy, Ateyyah M Al-Baradi, A.A. Atta

4-Influence of RF sputtering power on structural and optical properties of Nb_2O_5 thin films
Optik,168 (2018) 853
A.M. Al-Baradi, M.M. El-Nahass, **A.M. Hassanien**, A.A. Atta, M.S. Alqahtani, A.O.Aldawsari

5-Effect of thermal annealing on structural, optical and electrical properties of transparent Nb_2O_5 thin films
Materials Today Communications 13 (2017) 112-118
A.A. Atta, M.M. El-Nahass, **A.M. Hassanien**, Khaled M. Elsabawy, M.M. Abd El-Raheem, A. Alhuthali, Sultan E. Alomariy, M.S. Algamdig

6-Effect of γ-irradiation on structural, optical and electrical properties of thermally evaporated iron (III) chloride tetraphenylporphyrin thin films
Radiation Physics and Chemistry 139(2017)173-178
M.M. El-Nahass, H.A. Zayed, E.E. Elgarhy, **A.M. Hassanien**

7-Electrical conductivity and dielectric relaxation of cerium (IV) oxide
Journal of Materials Science: Materials in Electronics 28 (2017) 1501
M.M. El-Nahass, **A.M. Hassanien**, A.A. Atta, E.M.A. Ahmed, A.A. Ward

8-Dielectric relaxation and optical properties of 4-amino-3-mercapto-6-(2-(2-thienyl)vinyl)-1,2,4-triazin-5(4H)-one donor
Pramana 88 (2017) 6
M.M. El-Nahass, Ahmed Ashour, A.A.Atta, Hosam A. Saad, **A.M. Hassanien**, Ateyyah M. Al-Baradi, E.F.M. El-Zaidia

9-Optical characteristics of transparent samarium oxide thin films deposited by the radio-frequency sputtering technique
Pramana 87(2016) 72
A.A.Atta, M.M. El-Nahass, Khaled M. Elsabawy, M. M. Abd El-Raheem, **A.M. Hassanien**, A. Alhuthali,Ali Badawi, Amar Merazga

10-Effect of illumination on thermally evaporated iron (III) chloride tetraphenylporphyrin thin

organic films
M.M. El-Nahass, H.A. Zayed, E.E. Elgarhy, **A.M. Hassanien**
Optical and Quantum Electronics 48 (2016) 224

11-Study of topological morphology and optical properties of SnO 2 thin films deposited by RF sputtering technique
A. Alhuthali, M.M. El-Nahass, A.A. Atta, M.M.A. El-Raheem, K.M. Elsabawy, **A.M. Hassanien**
Journal of Luminescence 158 (2015) 165-171

12-On the nature of bulk electrical relaxation in 4-tricyanovinyl-N, N-diethylaniline (TCVA)
A.A.A .Darwish, **A.M. Hassanien**, T.A. Hanafy, M.M. El-Nahass
Synthetic Metals 199 (2015) 339-344

13-Effect of thermal annealing on structural and optical properties of titanyl phthalocyanine thin films
M.M .El-Nahass, H.A. Afify, A.S. Gadallah, **A.M. Hassanien**, M.A. Khedr
Materials Science in Semiconductor Processing 27(2014) 254-260

14-Effect of gamma irradiation on structural and optical properties of Cd 2 SnO 4 thin films deposited by DC sputtering technique
A.M. Al-Baradi, M.M. El-Nahass, M.M.A. El-Raheem, A.A. Atta, **A.M. Hassanien**
Radiation Physics and Chemistry 103(2014) 227-233

15-Effect of illumination on the structural and optical properties of Cu (II) tetraphenyl porphyrin (CuTPP) thin films
M.M. El-Nahass, **A.M. Hassanien**, F.S.H .Abu-Samaha, E. Elesh
Optics Communications 325(2014) 116-121

16-Gamma radiation-induced changes on the optical properties of dibenzthiopheno-perylene-N, N′-dicyclohexylimide thin films
M.M. El-Nahass, **A.M. Hassanien**
Radiation Physics and Chemistry 97(2014) 178-183

17-Electrical conduction mechanisms of thermally evaporated 5, 10, 15, 20-tetraphenyl-21H, 23H-porphine iron (III) chloride thin films
M.M. El-Nahass, H.S. Metwally, H.E.A. El-Sayed, **A.M. Hassanien**
Current Applied Physics 14 (2)(2014) 161-165

18-Structural and optical properties of DC Sputtered Cd_2SnO_4 nanocrystalline films
M.M. El-Nahass, A.A. Atta, M.M.A. El-Raheem, **A.M. Hassanien**
Journal of Alloys and Compounds 585 (2014)1-6

19-Optical characterizations of thermally evaporated perylene-66 (dye content 40%) thin films
M.M. El-Nahass, **A.M. Hassanien**, N.M. Khusayfan
Solid State Communications 154 (2013) 51-55

20-Electrical conductivity and dielectric relaxation of bulk iron (III) chloride tetraphenylporphyrin
M.M. El-Nahass, H.S. Metwally, H.E.A. El-Sayed, **A.M. Hassanien**
Materials Chemistry and Physics 133 (2)(2012) 649-654

21-Electrical and photovoltaic properties of FeTPPCl/p-Si heterojunction
M.M. El-Nahass, H.S. Metwally, H.E.A. El-Sayed, **A.M. Hassanien**

Synthetic Metals 161 (21) (2011) 2253-2258

22- Influence of annealing on the optical properties of 5, 10, 15, 20-tetraphenyl-21H, 23H-porphine iron (III) chloride thin films
M.M. El-Nahass, A.F. El-Deeb, H.S. Metwally, **A.M. Hassanien**
Materials Chemistry and Physics 125 (1) (2011) 247-251

23-Structural and optical properties of iron (III) chloride tetraphenylporphyrin thin films
M.M. El-Nahass, A.F. El-Deeb, H.S. Metwally, **A.M. Hassanien**
The European Physical Journal Applied Physics 52 (01) (2010) 10403

24-Influence of X-ray irradiation on the optical properties of iron (III) chloride tetraphenylporphyrin thin films
M.M. El-Nahass, A.F. El-Deeb, H.S. Metwally, H.E.A. El-Sayed, **A.M. Hassanien**
Solid State Sciences 12 (4)(2010) 552–557

25-Electrical conductivity and dielectric properties of bulk glass $Se_{55}Ge_{30}As_{15}$ chalcogenide
M.M. El-Nahass, A.F. El-Deeb, H.E.A. El-Sayed, **A.M. Hassanien**
Physica B: Condensed Matter 388 (1) (2007) 26-33

26-Structural and optical properties of thermally evaporated $Se_{55}Ge_{30}As_{15}$ thin films
M.M. El-Nahass, A.F. El-Deeb, H.E.A. El-Sayed, **A.M. Hassanien**
Optics & Laser Technology 38 (3) (2006) 146-151