

Recent Publications

JOURNAL PAPERS

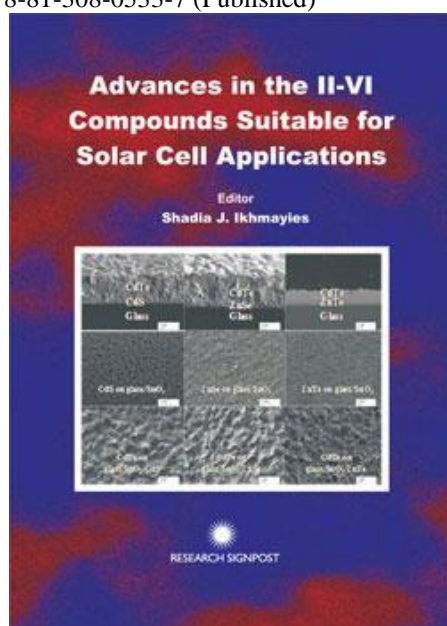
1. **Shadia J Ikhmayies**, Naseem M. Abu El-Haija and Riyadh N. Ahmad-Bitar, A Comparison between Different Ohmic Contacts for ZnO Thin Films, *Journal of Semiconductors*. (accepted).
2. **Shadia J. Ikhmayies** and Riyadh N Ahmad-Bitar, Dependence of the photoluminescence of CdS:In thin films on the excitation power of the laser 149, (2014), 240–244
3. **Shadia J Ikhmayies**, Characterization of nanomaterials, *JOM*. 67(1) (2014) DOI 10.1007/s11837-013-0826-6. (Technical Topic Commentary)
4. **Shadia J Ikhmayies**, Tuning the Properties of Nanocrystalline CdS Thin Films, *JOM*. 67(1) (2014) DOI 10.1007/s11837-013-0819-5.
5. **Shadia J Ikhmayies** and Riyadh N Ahmad-Bitar, Temperature dependence of the photoluminescence spectra of CdS: In thin, films prepared by the spray pyrolysis technique, *Journal of Luminescence* 142 (2013) 40–47.
6. **Shadia J Ikhmayies**, Hassan K. Juwhari and Riyadh N Ahmad-Bitar, Nanocrystalline CdS:In Thin Films Prepared by the Spray-Pyrolysis Technique, *J. Luminouscence*, 141 (2013) 27–32.
7. **Shadia J Ikhmayies**, Characterization of Nanocrystalline CdS Thin Films Prepared by Thermal Evaporation, *International Journal of Materials and Chemistry* 3(2) 2013, 28-33.
8. **Shadia J Ikhmayies** and Riyadh N Ahmad-Bitar, A Study of the Optical Bandgap Energy and Urbach Tail of Spray-Deposited CdS:In Thin Films, *Journal of Materials Research and Technology*, 2(3) (2013), 221-227..
9. **Shadia J Ikhmayies** and Riyadh N Ahmad-Bitar, Characterization of Vacuum Evaporated CdTe Thin Films Prepared at Ambient Temperature, *Materials Science in Semiconductor Processing*, 16 (2013) 118–125.
10. **Shadia J Ikhmayies** and Riyadh N Ahmad-Bitar, An Investigation of the Bandgap and Urbach Tail of Vacuum-Evaporated SnO₂Thin Films, *Renewable Energy* 49 (2013) 143-146.

CHAPTERS IN BOOKS

1. **Shadia J Ikhmayies**, Introduction to II-VI Compounds: in "Advances in II-VI Compounds Suitable for Solar Cell Applications", **Signpost publisher**, (2014) (Published)
2. **Shadia J Ikhmayies**, The CdTe absorber layer in CdS/CdTe Thin Film Solar Cells: in " Volume 9 of Multi Vol. Set on "Compendium of Energy Science and Technology (in 10 Vols)", **Stadium Press LLC**. (accepted)

EDITED BOOKS

1. **Advances in II-VI Compounds Suitable for Solar Cell Applications**, Signpost publisher, (2014). ISBN: 978-81-308-0533-7 (Published)



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