

# 5- Solar and Space Research Department 5-2 Space Research Laboratory

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#### \* Scientific Publication (National& International)

- Correlation of acetylene plasma discharge environment and the optical and electronic properties of the hydrogenated amorphous carbon films https://doi.org/10.1016/j.diamond.2019.04.021
- Electrical and Optical Characterization of Acetylene RF CCP for Sy

## \* Reviews of Papers (National& International)

- Gust editor of Journal of Energy, Environmental & Chemical Engineering - IOP Publishing (Physica Screpta)

### \* Conferences, Scientific Missions & Workshops

-The Space Debris and Satellites Optical Observation Workshop, 14 March 2019 NRIAG, Cairo, Egypt.

#### \* Projects

- TADDSAT Project - Enhancement of optical absorption in hydrogenated amorphous silicon thin film deposited by PECVD. Funded by science and technology development fund (STDF), pro. ID: 25652

### \* Consultancy

NA

\* Supervision of M.Sc. / Ph.D.

NA

\* Books

NA

\* Other

NA