

7 Produção

7.1. Trabalhos publicados durante a tese

- Spectroscopic Evidence of Photodegradation by Ultraviolet Exposure of Tris(8-hydroxyquinoline) Aluminum (Alq_3) Thin Films.

W. R. Brito,^a G. Araújo,^a W. G. Quirino,^b C. Legnani,^b Y. Angulo,^c M. Cremona^{b,c} and M. L. M. Rocco,^a

J. Braz. Chem. Soc., Vol. 21, No. 12, 2367-2372, 2010.

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- Quality improvement of organic thin films deposited on vibratin substrates

Yolanda A Paredes, MSc; Paula G Caldas; Rodrigo Prioli, PhD; Marco Cremona, PhD

Thin Solid Films 520 (2011) 1416–1421

7.2. Trabalhos submetidos

- Determination of dopant concentration in co-deposited organic thin films by using RBS and X-ray fluorescence combined techniques

Yolanda A. Paredes, Erica G. Gravina, Marcel D. Barbosa, Rogerio Machado, Welber G. Quirino, Cristiano Legnani, Marco Cremona

Thin Solid Films.

7.3. Trabalhos apresentados em congressos nacionais e internacionais

- XXXI Encontro Nacional de Física da Matéria Condensada.

Investigação da fotodegradação do tris-(8-hidroxiquinolina) alumínio por fluorescência resolvida no tempo

Y. R. A. Paredes, K. C. Teixeira, V. L. Calil, W.G. Quirino, C. Legnani, M. Cremona, C.A. Achete.

- Workshop do Instituto Nacional de Eletrônica Orgânica-INEO
- a) Investigation on 2,7-bis(9-carbazolyl)-9,9-spirobifluorene used as host material for phosphorescent OLEDs.
Y. Angulo, K. C. Teixeira, J. Serna, W. Quirino and M. Cremona
- b) Investigation on UV induced color change in DCM-2:Alq₃ co-deposited thin film structures
J.H Serna, Y. Angulo, M. Cremona, R.F. Bianchi

- XXXII Encontro Nacional de Física da Matéria Condensada
The studio of hole-blocking properties of bathocuproine layer in organic light emitting devices
J.Serna, Y. Angulo, M. Cremona, W. Quirino, C. Legnani

- Workshop do Instituto Nacional de Eletrônica Orgânica-INEO
Determination of iridium content by X-ray fluorescence technique in Spiro2-CBP:Ir(ppy)₃ co-deposited layers used in phosphorescent OLED.
Y. Angulo, E. Gravina, W. Quirino, C. Legnani, R. Machado, C.A. Achete and M. Cremona.

- 37TH International Conference on Metallurgical Coating & Thin Films
Determination of dopant concentration in Spiro2-CBP:Ir(ppy)₃ co-deposited thin films used as active layer in phosphorescent OLED
Y. Angulo, E. Gravina, R. Machado, W. Quirino, C. Legnani, C.A. Achete and M. Cremona.

- First International Nanotechnology Congress “Rubén Orellana”
Determination of dopant concentration in Spiro2-CBP:Ir(ppy)₃ co-deposited thin films used as active layer in phosphorescent OLED
Y. Angulo, E. Gravina, R. Machado, W. Quirino, C. Legnani, C.A. Achete and M. Cremona.

- RIAO-OPTILAS 2010
A simple random walk model for the scattering of photons in porous media with an experimental calibration
César Costa Vera, Yolanda Angulo, C. Santacruz, and E. Ayala.

- Spring Meeting MRS 2011
Methodology for Accurate Determination of the Dopant Concentration
in Co-deposited Organic Thin Films
Y. A. Paredes, E. G. Gravina, M.D. Barbosa, R. Machado, W. G.
Quirino, C. Legnani, M. Cremona.

 - 38TH International conference on metallurgical coating & thin Films
Quality improvement of organic thin films deposited on vibrating
substrates
Y. A. Paredes, P. G. Caldas, R. Prioli and M. Cremona

 - Encontro de Física 2011
- a) Dopant concentration determination in co-deposited organic thin films
by XRF and RBS techniques
Y. A. Paredes, E. G. Gravina, M.D. Barbosa, R. Machado, W. G.
Quirino, C. Legnani, M. Cremona.
- b) A novel Iridium complex as guest phosphorescent material for OLEDs
Yolanda A. Paredes, Sergio Lima, Wei Wei, Marco Cremona, Mark E.
Thompson