

1 Publications List

Dr. Carlos A. Osorio Quero

- [1] C. Osorio Quero and M. L. Crespo. “Physics-Informed Neural Network for Denoising Images Using Nonlinear PDE”. In: *Electronics* 15.3 (2026). ISSN: 2079-9292. DOI: [10.3390/electronics15030560](https://doi.org/10.3390/electronics15030560). URL: <https://www.mdpi.com/2079-9292/15/3/560>.
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- [3] C. O. Quero and J. Martinez-Carranza. “ADRC-Driven Trajectory Control of a Quadcopter Considering Ground Effect Dynamics”. In: *16th International Micro Air Vehicle Conference and Competition*. Ed. by J. Martinez-Carranza. Paper no. IMAV2025-10. San Andrés Cholula, Puebla, Mexico, Nov. 2025, pp. 82–89. URL: <http://www.imavs.org/papers/2025/10.pdf>.
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Book Chapter

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PhD Thesis

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Patents

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