

ZARATE PEREZ, ELISEO JUAN

Calificado como investigador RENACYT (código P0024778), es candidato a doctor en Tecnologías Industriales por la UNED de España. También es magíster en Ingeniería Civil con especialización en Domótica por la Universidade Federal Fluminense (UFF) de Brasil e ingeniero mecatrónico por la Universidad Nacional Federico Villarreal (UNFV). Actualmente, es docente investigador en la Universidad Privada del Norte (UPN) y ha sido becario CAPES en la UFF, donde participó en proyectos de investigación. Ha presentado sus trabajos de investigación en congresos internacionales realizados en Francia, EE. UU., Marruecos, Grecia e Italia. También ha publicado sus trabajos de investigación en revistas indexadas como AIMS Energy, Energy Reports y Heliyon, en las que ha abordado temas de microrredes, almacenamiento de energía y energías renovables.

CTI Vitae: Directorio de Recursos Humanos afines a la CTI

Scopus Author ID: 57391744000

ORCID: 0000-0002-3946-4924

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