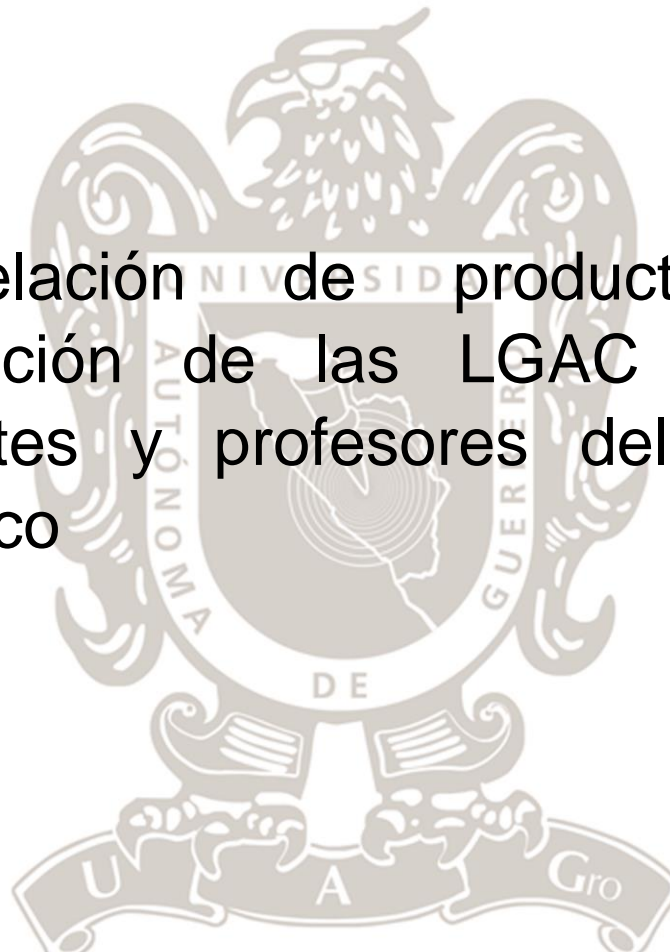


5.2 Relación de productos de investigación de las LGAC de los estudiantes y profesores del núcleo académico



El programa de Maestría en Ciencias en Tecnologías de la Computación es de nueva creación. Sin embargo, los profesores del Núcleo Académico cuentan con trabajo científico publicado en el área de Tecnologías de la Computación, particularmente en las áreas que se describen con las LGAC de este posgrado:

CÓMPUTO DE ALTO RENDIMIENTO Y REDES EMERGENTES

Esta LGAC proporciona una base exhaustiva en tecnologías de cómputo de alto rendimiento y fundamentos profundos en áreas de arquitectura de computadoras, redes, supercómputo y sus aplicaciones prácticas. Así como también conocimientos amplios de sistemas digitales, microprocesadores, sistemas de supercomputadoras y programación paralela. Estas tecnologías de cómputo de alto rendimiento pueden usarse para programar tanto supercomputadoras de miles de procesadores como también dispositivos móviles multinúcleo.

CÓMPUTO INTELIGENTE

La línea de generación y aplicación de conocimiento denominada Cómputo Inteligente tiene como objetivo estudiar los fundamentos teóricos de la metodología de la computación y los modelos de razonamiento usados para el desarrollo de sistemas inteligentes. Comprende la generación, adaptación, mejora y aplicación de modelos, y algoritmos de reconocimiento de patrones, redes neuronales, machine learning, entre otros. De igual forma, comprende la integración de estos algoritmos en diferentes dispositivos, de propósito general o específico, tanto dedicados como móviles que permitan la utilización del Internet de las Cosas para dar solución a problemas de diversas áreas, coadyuvando así a la aplicación multidisciplinaria del conocimiento.

A continuación, se muestra la relación de productos de investigación de los profesores del Núcleo Académico, organizado por LGAC.

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En la siguiente Tabla, se muestra una relación de los productos de investigación de las LGAC de los profesores del núcleo básico, desde 2014.

Nombre del profesor	LGAC	JCR	RA	C.Int.	CL
Dr. Antonio Alarcón Paredes	CI	6	1	12	0
Dr. Gustavo Adolfo Alonso Silverio	CI	9	1	13	1
Dr. José Luis Hernández Hernández	CI	14	2	4	0
Dr. Oreste Herminio Chávez Román	CI	2	0	2	0
Dr. Elías Jesús Ventura Molina (Externo)	CI	2	1	3	0
Dr. Mario Hernández Hernández	CARRE	7	1	6	0
Dr. Severino Feliciano Morales	CARRE	1	0	2	0
Dr. Eduardo César Cabrera Flores	CARRE	1	2	5	1
Dr. Wilfrido Campos Francisco	CARRE	2	2	1	0
Dr. Andrés García Floriano (Externo)	CARRE	4	2	2	0

LGAC: Línea de Generación y Aplicación del Conocimiento; **JCR:** Journal Citation Reports; **RA:** Revista Arbitrada; **C.Int:** Congreso Internacional; **CL:** Capítulos de Libro; **CI:** Cómputo Inteligente; **CARRE:** Cómputo de Alto Rendimiento y Redes Emergentes.

A continuación, se mostrarán los productos más recientes y representativos de cada uno de los profesores del Núcleo Básico, divididos por LGAC.

LGAC: CÓMPUTO INTELIGENTE

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