## Published-Research-Department of Operations Research and Intelligent Techniques 2022-2021

Research Title	Researchers' Names	Order of the Researchers	Journal Name	The issue number is mentioned for the publication	Publication Date	Type of Journal
Hyperparameters optimization of support vector regression using black hole algorithm	Saifuldeen Dheyauldeen Alrefaee Salih Muayad Al Bakal Zakariya Yahya Algamal	First Second Third	international journal of nonlinear analysis and applications	1	Jan-22	clarivate
On Complex Interval Arithmetic Using Polar Form	Edrees M. Nori MAHMOOD Gültekin SOYLU	First Second	Gazi University Journal of Science	1	3/1/2022	Scopus
A New Investigation of the Conjugate Gradient Method for solving Unconstrained Optimization Problems	Huda Y. Najm Huda I. Ahmed	First Second	International Journal of Mathematics and Computer Science	3	4/7/2022	Scopus
Improving machine learning prediction using strawberry algorithm	Noora suhail Hawa Salih Muayad Al Bakal	First Second	Iraqi Journal of Statistical Sciences	35	6/1/2022	Local