

PUBLICATIONS

Name of the Faculty: Ms. Alokeparna Choudhury

SL.No	TITLE OF THE PAPER	NAME OF THE JOURNAL/BOOK/BOOK CHAPTER/PROCEEDING OF THE CONFERENCE	PUBLISHER	YEAR OF PUBLICATION	ISSN/ISBN No.	Vol.No.	PAGE Nos.	JOURNAL INDEXING	IMPACT FACTOR
1.	Journal Paper: Microscopic Image Segmentation using Quantum Inspired Evolutionary Algorithm	Journal of Advanced Microscopy Research	American Scientific Publishers	2015	ISSN: 2156-7573 (print); EISSN: 2156-7581 (online)	Volume 10, Number 3	164-173(10)	Scopus Indexed	
2.	Book Chapter: Quantum-inspired evolutionary algorithm for scaling factor optimization during manifold medical information embedding	Book Title: Quantum Inspired Computational Intelligence, Research and Applications Editor(s): Siddhartha Bhattacharyya, Ujjwal Maulik, Paramartha Dutta	Morgan Kaufmann, Science Direct, Elsevier	2017	ISBN 9780128044094	Chapter9	285-326	Scopus, Science Direct	
3.	Book Chapter: Quantum Inspired Evolutionary Algorithm in Load Frequency Control of Multi-area Interconnected Thermal Power System with Non-linearity	Book Title: Quantum Computing: An Environment for Intelligent Large Scale Real Application. Part of the Book Series: Studies in Big Data Editor(s): Aboul Ella Hassanien, Mohamed Elhoseny, Janusz Kacprzyk	Springer International Publishing, Cham	2018	Print ISBN 978-3-319-63638-2 Online ISBN 978-3-319-63639-9	Volume 33	389-417	Scopus, EI Compendex SCImago	
4.	Journal Paper: Multilevel segmentation of Hippocampus images using global steered quantum inspired firefly algorithm	Applied Intelligence, The International Journal of Research on Intelligent Systems for Real Life Complex Problems	Springer Nature Link	2021	Electronic ISSN: 1573-7497 Print ISSN: 0924-669X	Volume 52	7339–7372	Scopus, Web of Science (Science Citation Index Expanded)	3.8 (2024)

5.	Conference Paper: Segmentation of Brain MR Images Using Quantum Inspired Firefly Algorithm with Mutation	In: Rojas, I., Valenzuela, O., Rojas, F., Herrera, L.J., Ortuño, F. (eds) Bioinformatics and Biomedical Engineering. IWBBIO 2022. Lecture Notes in Computer Science	Springer Nature Switzerland	2022	Series ISSN: 0302-9743 (Print), 1611-3349 (Online) Part I (ISBNs): 978-3-031-07801-9 (Softcover), 978-3-031-07802-6 (eBook) Part II (ISBNs): 978-3-031-07703-6 (Softcover), 978-3-031-07704-3 (eBook)	vol 13346	364-377	Scopus, Web of Science (Conference Proceedings Citation Index - Science)	
6.	Conference Paper: Color Hippocampus Image Segmentation Using Quantum Inspired Firefly Algorithm and Merging of Channel-Wise Optimums	In: Rojas, I., Valenzuela, O., Rojas Ruiz, F., Herrera, L.J., Ortuño, F. (eds) Bioinformatics and Biomedical Engineering. IWBBIO 2023. Lecture Notes in Computer Science	Springer Nature Switzerland	2023	Series ISSN: 0302-9743 ISBNs: 978-3-031-34959-1 (Part I), 978-3-031-34960-7 (Part II)	vol 13920	270-282	Scopus, Web of Science (Conference Proceedings Citation Index - Science)	
7.	Conference Paper: Multi Objective Quantum Inspired Firefly Algorithm for Medical Image Segmentation	In the proceedings of 21st International Conference on Computer Vision Theory and Applications (VISAPP 2026)	SCITEPRESS - Science and Technology Publications, Lda	2026	ISBN: 978-989-758-804-4; ISSN: 2184-4321	Vol 2	91-102	Scopus, DBLP	