

# Chiranjib Sur

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31  
papers

142  
citations

6  
h-index

9  
g-index

33  
ext. papers

165  
ext. citations

1.4  
avg, IF

4.4  
L-index

#	Paper	IF	Citations
31	CRUR: coupled-recurrent unit for unification, conceptualization and context capture for language representation - a generalization of bi directional LSTM. <i>Multimedia Tools and Applications</i> , <b>2021</b> , 80, 9917-9959	2.5	3
30	MRRC: multiple role representation crossover interpretation for image captioning with R-CNN feature distribution composition (FDC). <i>Multimedia Tools and Applications</i> , <b>2021</b> , 80, 18413-18443	2.5	2
29	aiTPR: Attribute Interaction-Tensor Product Representation for Image Caption. <i>Neural Processing Letters</i> , <b>2021</b> , 53, 1229-1251	2.4	4
28	MRECN: mixed representation enhanced (de)compositional network for caption generation from visual features, modeling as pseudo tensor product representation. <i>International Journal of Multimedia Information Retrieval</i> , <b>2020</b> , 9, 291-316	2.4	
27	RBN: enhancement in language attribute prediction using global representation of natural language transfer learning technology like Google BERT. <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	5
26	GenAtSeq GAN with Heuristic Reforms for Knowledge Centric Network with Browsing Characteristics Learning, Individual Tracking and Malware Detection with Website2Vec. <i>SN Computer Science</i> , <b>2020</b> , 1, 1	2	3
25	AACR: Feature Fusion Effects of Algebraic Amalgamation Composed Representation on (De)Compositional Network for Caption Generation for Images. <i>SN Computer Science</i> , <b>2020</b> , 1, 1	2	4
24	UCRLF: unified constrained reinforcement learning framework for phase-aware architectures for autonomous vehicle signaling and trajectory optimization. <i>Evolutionary Intelligence</i> , <b>2019</b> , 12, 689-712	1.7	6
23	Survey of deep learning and architectures for visual captioningTransitioning between media and natural languages. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 32187-32237	2.5	11
22	GSIAR: gene-subcategory interaction-based improved deep representation learning for breast cancer subcategorical analysis using gene expression, applicable for precision medicine. <i>Medical and Biological Engineering and Computing</i> , <b>2019</b> , 57, 2483-2515	3.1	3
21	A Multi-Modular System-Genetics (MMSG) Approach for Deep Representation Learning for Personalized Treatment of Cancer Using Sensitivity Analysis of Precision Drugs and Gene Expression Data. <i>Data-Enabled Discovery and Applications</i> , <b>2019</b> , 3, 1	1.3	1
20	Semantic Tensor Product for Image Captioning <b>2019</b> ,		5
19	DeepSeq: learning browsing log data based personalized security vulnerabilities and counter intelligent measures. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 3573-3602	3.7	9
18	Discrete bacteria foraging optimization algorithm for graph based problems Transition from continuous to discrete. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , <b>2018</b> , 30, 345-365	2	2
17	Ensemble one-vs-all learning technique with emphatic & rehearsal training for phishing email classification using psychology. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , <b>2018</b> , 30, 733-762	2	4
16	Multi Robot Path Planning for Known and Unknown Target Using Bacteria Foraging Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 674-685	0.9	0
15	Multi-robot Area Exploration Using Particle Swarm Optimization with the Help of CBDF-based Robot Scattering. <i>Advances in Intelligent Systems and Computing</i> , <b>2015</b> , 113-123	0.4	2

14	CBDF-Based Target Searching and Tracking Using Particle Swarm Optimization. <i>Advances in Intelligent Systems and Computing</i> , <b>2015</b> , 53-62	0.4	1
13	CBDF Based Cooperative Multi Robot Target Searching and Tracking Using BA. <i>Smart Innovation, Systems and Technologies</i> , <b>2015</b> , 373-384	0.5	2
12	Coalition Formation for Multi-Agent Coordination for Surveillance and Capture of Foreign Intruder using Bacteria Foraging Algorithm. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 511-518		1
11	Discrete Bacteria Foraging Optimization Algorithm for Vehicle Distribution Optimization in Graph Based Road Network Management. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 351-358	0.4	2
10	Road Traffic Management Using Egyptian Vulture Optimization Algorithm: A New Graph Agent-Based Optimization Meta-Heuristic Algorithm. <i>Lecture Notes in Electrical Engineering</i> , <b>2014</b> , 107-122	0.2	3
9	Discrete Krill Herd Algorithm A Bio-Inspired Meta-Heuristics for Graph Based Network Route Optimization. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 152-163	0.9	13
8	Discrete Cuckoo Search Optimization Algorithm for Combinatorial Optimization of Vehicle Route in Graph Based Road Network. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 307-320	0.4	5
7	Multi-objective adaptive intelligent water drops algorithm for optimization & vehicle guidance in road graph network <b>2013</b> ,		4
6	New Bio-inspired Meta-Heuristics - Green Herons Optimization Algorithm - for Optimization of Travelling Salesman Problem and Road Network. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 168-179	0.9	6
5	Solving Travelling Salesman Problem Using Egyptian Vulture Optimization Algorithm A New Approach. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 254-267	0.9	9
4	Egyptian Vulture Optimization Algorithm A New Nature Inspired Meta-heuristics for Knapsack Problem. <i>Advances in Intelligent Systems and Computing</i> , <b>2013</b> , 227-237	0.4	24
3	Discrete Invasive Weed Optimization Algorithm for Graph Based Combinatorial Road Network Management Problem <b>2013</b> ,		2
2	Dealing QAP & KSP with Green Heron optimization algorithm A new bio-inspired meta-heuristic <b>2013</b> ,		2
1	Adaptive & Discrete Real Bat Algorithms for Route Search Optimization of Graph Based Road Network <b>2013</b> ,		4