Shivashankar B Nair

List of Publications by Year
in descending order

46	425	8	18
papers	citations	1162367 h-index	839053 g-index
49	49	49	250
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Immuno-inspired management of halls of fame for embodied evolution. Swarm and Evolutionary Computation, 2022, 70, 101054.	4.5	1
2	An Immuno-Inspired Transfer Learning Paradigm. , 2021, , .		1
3	A decentralized Artificial Immune System for solution selection in Cyber–Physical Systems. Applied Soft Computing Journal, 2020, 86, 105920.	4.1	9
4	Mutational puissance assisted neuroevolution. , 2020, , .		0
5	On an immuno-inspired distributed, embodied action-evolution cum selection algorithm. , 2018, , .		2
6	MAVNet: A Mobile Agent based framework for Vehicular Networks. , 2018, , .		3
7	TANSA: Task Allocation Using Nomadic Soft Agents for Multirobot Systems. IEEE Transactions on Emerging Topics in Computational Intelligence, 2018, 2, 308-318.	3.4	2
8	A Reward and Penalty Based Approach for Online Feature Selection. , 2017, , .		0
9	CARE: An IoT based system for passenger service and comfort in railways. , 2017, , .		4
10	On Ordering Multi-Robot Task Executions within a Cyber Physical System. ACM Transactions on Autonomous and Adaptive Systems, 2017, 12, 1-27.	0.4	14
11	A Voting-Based Sensor Fusion Approach for Human Presence Detection. Lecture Notes in Computer Science, 2017, , 195-206.	1.0	4
12	AgPi: Agents on Raspberry Pi. Electronics (Switzerland), 2016, 5, 72.	1.8	16
13	Immuno-inspired behaviour adaptation in Multi-Robot Systems. , 2016, , .		0
14	An Idiotypic Solution Sieve for Selecting the Best Performing Solutions in Real-World Distributed Intelligence. , 2015, , .		0
15	Tartarus. , 2015, , .		14
16	Ultrasonic sensor-based human detector using one-class classifiers. , 2015, , .		12
17	An Immuno-inspired Approach Towards Sentence Generation. , 2015, , .		1
18	On a Multi-agent Distributed Asynchronous Intelligence-Sharing and Learning Framework. Lecture Notes in Computer Science, 2015, , 166-200.	1.0	4

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19	On Realizing Emotional Memories. Advances in Computational Intelligence and Robotics Book Series, 2015, , 116-151.	0.4	0
20	STIGMERGY-BASED SYNCHRONIZATION OF A SEQUENCE OF TASKS IN A NETWORK OF ASYNCHRONOUS NODES. Cybernetics and Systems, 2014, 45, 373-406.	1.6	7
21	On Grounding Symbols for Robots. , 2014, , .		0
22	Orchestrating the Sequential Execution of Tasks by a Heterogeneous Set of Asynchronous Mobile Agents. Lecture Notes in Computer Science, 2014, , 103-120.	1.0	1
23	On Stigmergically Controlling a Population of Heterogeneous Mobile Agents Using Cloning Resource. Lecture Notes in Computer Science, 2014, , 49-70.	1.0	3
24	Autonomous Mobile Robot Navigation using Artificial Immune System. , 2013, , .		4
25	On a Mobile Agent Framework for an Internet of Things. , 2013, , .		15
26	On Rendering Emotions on a Robotic Face. , 2013, , .		4
27	A Speech Recognition Client-Server Model for Control of Multiple Robots. , 2013, , .		2
28	On Emulating Real-World Distributed Intelligence Using Mobile Agent Based Localized Idiotypic Networks. Lecture Notes in Computer Science, 2013, , 487-498.	1.0	6
29	Asymmetric region Local Binary Pattern operator for person-dependent facial expression recognition. , 2012, , .		3
30	A Pheromone Based Mobile Agent Migration Strategy for Servicing Networked Robots. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 533-541.	0.2	7
31	Bio-inspired artificial intelligence. , 2012, , .		0
32	A logic programming interface for multiple robots. , 2012, , .		5
33	Automatic Facial Expression Recognition Using Extended AR-LBP. Communications in Computer and Information Science, 2012, , 244-252.	0.4	5
34	On Realizing a Multi-Agent Emotion Engine. International Journal of Synthetic Emotions, 2011, 2, 1-27.	0.3	17
35	A bio-inspired technique for servicing networked robots. International Journal of Rapid Manufacturing, 2011, 2, 258.	0.5	5
36	Typhon - A Mobile Agents Framework for Real World Emulation in Prolog. Lecture Notes in Computer Science, 2011, , 261-273.	1.0	14

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37	Towards a dynamic emotional model. , 2009, , .		13
38	Novel emotion engine for robot and its parameter tuning by bacterial foraging. , 2009, , .		6
39	Modeling a MultiAgent Mobile Robotics Test Bed Using a Biologically Inspired Artificial Immune System. Lecture Notes in Computer Science, 2009, , 270-283.	1.0	1
40	A Co-operative Intelligent Assisting Agent Architecture for Web Searching and Desktop Management. Lecture Notes in Computer Science, 2009, , 22-32.	1.0	0
41	An Immune System Based Multi-robot Mobile Agent Network. Lecture Notes in Computer Science, 2008, , 424-433.	1.0	10
42	EZeeCom. , 2007, , .		3
43	RoboSapienNet Towards Building A Social Network of Human Beings and Robots. , 2007, , .		2
44	Multi-objective design optimisation of rolling bearings using genetic algorithms. Mechanism and Machine Theory, 2007, 42, 1418-1443.	2.7	124
45	Rolling element bearing design through genetic algorithms. Engineering Optimization, 2003, 35, 649-659.	1.5	72
46	Discovering Active Regions in Non-redundant Genome Databases. Lecture Notes in Computer Science, 2003, , 927-932.	1.0	0