

Michel Pasquier

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

558
citations

933264

10
h-index

996849

15
g-index

35
all docs

35
docs citations

35
times ranked

538
citing authors

#	ARTICLE	IF	CITATIONS
1	A Machine Learning Approach to Predicting Diabetes Complications. Healthcare (Switzerland), 2021, 9, 1712.	1.0	19
2	Sensors equipped mattress for assessing sleep apnea symptoms. , 2017, , .		0
3	Predicting Hypoglycemia in Diabetic Patients Using Time-Sensitive Artificial Neural Networks. International Journal of Healthcare Information Systems and Informatics, 2016, 11, 70-88.	1.0	12
4	Key issues in conducting sentiment analysis on Arabic social media text. , 2013, , .		39
5	Predicting hypoglycemia in diabetic patients using data mining techniques. , 2013, , .		13
6	Biometric identification using the dynamic features of the eyes. , 2013, , .		24
7	Knowledge Consolidation and Inference in the Integrated Neuro-Cognitive Architecture. IEEE Intelligent Systems, 2011, 26, 62-71.	4.0	2
8	A sign reading system for the visually impaired. , 2011, , .		2
9	Decision support system based on hierarchical co-evolutionary fuzzy approach: A case study in detecting gamma ray signals. Expert Systems With Applications, 2011, 38, 10719-10729.	4.4	11
10	RFCMAC: A novel reduced localized neuro-fuzzy system approach to knowledge extraction. Expert Systems With Applications, 2011, 38, 12066-12084.	4.4	10
11	An adaptive learning RPG game-engine based on knowledge spaces. , 2010, , .		5
12	Financial Market Trading System With a Hierarchical Coevolutionary Fuzzy Predictive Model. IEEE Transactions on Evolutionary Computation, 2009, 13, 56-70.	7.5	39
13	A novel self-organizing fuzzy rule-based system for modelling traffic flow behaviour. Expert Systems With Applications, 2009, 36, 12167-12178.	4.4	28
14	A novel dual neuro-fuzzy system approach for large-scale knowledge consolidation. , 2009, , .		1
15	An adaptive history network method to improve the genetic optimization of pattern recognition systems. , 2009, , .		0
16	Financial Market Trading System With a Hierarchical Coevolutionary Fuzzy Predictive Model. IEEE Transactions on Evolutionary Computation, 2009, , .	7.5	0
17	A novel recurrent neural network-based prediction system for option trading and hedging. Applied Intelligence, 2008, 29, 138-151.	3.3	24
18	GenSoFNN-Yager: A novel brain-inspired generic self-organizing neuro-fuzzy system realizing Yager inference. Expert Systems With Applications, 2008, 35, 1825-1840.	4.4	20

#	ARTICLE	IF	CITATIONS
19	From operational to tactical driving: A hybrid learning approach for autonomous vehicles. , 2008, , .		3
20	Application of a hierarchical coevolutionary fuzzy system for financial prediction and trading. , 2008, , .		2
21	Adaptive control of infusion pump for Type-I diabetes control using a self-tuning regulator. , 2008, , .		7
22	A reduced rule-based localist network for data comprehension. , 2008, , .		2
23	Towards A Novel Integrated Neuro-Cognitive Architecture (INCA). , 2008, , .		4
24	Learning to drive the human way: a step towards intelligent vehicles. International Journal of Vehicle Autonomous Systems, 2008, 6, 24.	0.2	12
25	HiCEFS — A hierarchical coevolutionary approach for the dynamic generation of fuzzy system. , 2007, , .		1
26	Intelligent Speed Adaptation Using a Self-Organizing Neuro-Fuzzy Controller. Intelligent Vehicles Symposium, 2009 IEEE, 2007, , .	0.0	9
27	An intelligent driving system for automatically anticipating and negotiating road curves. , 2007, , .		10
28	A foreign exchange portfolio management mechanism based on fuzzy neural networks. , 2007, , .		7
29	Generic GA-based meta-level parameter optimization for pattern recognition systems. , 2007, , .		3
30	MNFS-FPM: A novel memetic neuro-fuzzy system based financial portfolio management. , 2007, , .		6
31	POP-TRAFFIC: A Novel Fuzzy Neural Approach to Road Traffic Analysis and Prediction. IEEE Transactions on Intelligent Transportation Systems, 2006, 7, 133-146.	4.7	167
32	Supervising Passenger Land-Transport Systems. IEEE Transactions on Intelligent Transportation Systems, 2004, 5, 165-176.	4.7	9
33	Vehicle route-sequence planning using temporal logic. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2002, 16, 31-38.	0.7	0
34	Opportunistic planning for a fleet of transportation robots. Engineering Applications of Artificial Intelligence, 2001, 14, 329-340.	4.3	9
35	Fuzzylot: a novel self-organising fuzzy-neural rule-based pilot system for automated vehicles. Neural Networks, 2001, 14, 1099-1112.	3.3	58