Abdullah Balamash

List of Publications by Year
in descending order

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30	817	759055 12	552653 26
papers	citations	h-index	g-index

30	30	30	675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Logic-Oriented Autoencoders and Granular Logic Autoencoders: Developing Interpretable Data Representation. IEEE Transactions on Fuzzy Systems, 2022, 30, 869-877.	6.5	11
2	Fixed-time terminal synergetic observer for synchronization of fractional-order chaotic systems. Chaos, 2020, 30, 073124.	1.0	18
3	Data Description Through Information Granules: A Multiview Perspective. International Journal of Fuzzy Systems, 2020, 22, 1731-1747.	2.3	3
4	Granular autoencoders: concepts and design. Soft Computing, 2019, 23, 9869-9880.	2.1	3
5	Logic-driven autoencoders. Knowledge-Based Systems, 2019, 183, 104874.	4.0	12
6	Hierarchical System Modeling. IEEE Transactions on Fuzzy Systems, 2018, 26, 258-269.	6.5	17
7	Granular description of data in a non-stationary environment. Soft Computing, 2018, 22, 523-540.	2.1	3
8	Implementation of an Embedded Testbed for Indoor SLAM. , 2018, , .		4
9	Granular classifiers and their design through refinement of information granules. Soft Computing, 2017, 21, 2745-2759.	2.1	7
10	Soft consensus measures in group decision making using unbalanced fuzzy linguistic information. Soft Computing, 2017, 21, 3037-3050.	2.1	134
11	Modeling with linguistic entities and linguistic descriptors: a perspective of granular computing. Soft Computing, 2017, 21, 1833-1845.	2.1	8
12	Perspective-oriented data analysis through the development of information granules of order 2. International Journal of Approximate Reasoning, 2017, 85, 97-106.	1.9	2
13	Fuzzy decision making and consensus: Challenges. Journal of Intelligent and Fuzzy Systems, 2015, 29, 1109-1118.	0.8	172
14	An Investigation of Wavelet Average Framing LPC for Noisy Speaker Identification Environment. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	1
15	Hierarchical Granular Clustering: An Emergence of Information Granules of Higher Type and Higher Order. IEEE Transactions on Fuzzy Systems, 2015, 23, 2270-2283.	6.5	45
16	Designing granular fuzzy models: A hierarchical approach to fuzzy modeling. Knowledge-Based Systems, 2015, 76, 42-52.	4.0	29
17	Description and prediction of time series: A general framework of Granular Computing. Expert Systems With Applications, 2015, 42, 4830-4839.	4.4	52
18	Distributed proximity-based granular clustering: towards a development of global structural relationships in data. Soft Computing, 2015, 19, 2751-2767.	2.1	6

#	Article	IF	Citations
19	An expansion of fuzzy information granules through successive refinements of their information content and their use to system modeling. Expert Systems With Applications, 2015, 42, 2985-2997.	4.4	10
20	Description and classification of granular time series. Soft Computing, 2015, 19, 1003-1017.	2.1	15
21	From data to granular data and granular classifiers. , 2014, , .		5
22	Building granular fuzzy decision support systems. Knowledge-Based Systems, 2014, 58, 3-10.	4.0	41
23	Granular representation schemes of time series: A study in an optimal allocation of information granularity. , 2013, , .		5
24	The Design of Free Structure Granular Mappings: The Use of the Principle of Justifiable Granularity. IEEE Transactions on Cybernetics, 2013, 43, 2105-2113.	6.2	56
25	Room-Temperature Hysteresis in a Hole-Based Quantum Dot Memory Structure. Journal of Nanotechnology, 2013, 2013, 1-4.	1.5	4
26	Performance analysis of a client-side caching/prefetching system for Web traffic. Computer Networks, 2007, 51, 3673-3692.	3.2	24
27	An overview of web caching replacement algorithms. IEEE Communications Surveys and Tutorials, 2004, 6, 44-56.	24.8	124
28	Modeling web requests: a multifractal approach. Computer Networks, 2003, 43, 211-226.	3.2	3
29	A Parsimonious Multifractal Model for WWW Traffic. Lecture Notes in Computer Science, 2002, , 1-14.	1.0	0
30	A multilevel modeling and analysis of network-centric systems. Microprocessors and Microsystems, 1999, 23, 169-180.	1.8	3