

Gabor Horvath

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

189
citations

1162889

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1281743

11
g-index

33
all docs

33
docs citations

33
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural network based mobile robot navigation. , 2009, , .		29
2	Kernel CMAC With Improved Capability. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 124-138.	5.5	27
3	High order concentrated matrix-exponential distributions. Stochastic Models, 2020, 36, 176-192.	0.3	13
4	A Sparse Robust Model for a Linzâ€™Donawitz Steel Converter. IEEE Transactions on Instrumentation and Measurement, 2009, 58, 2611-2617.	2.4	12
5	Copula-Based Anomaly Scoring and Localization for Large-Scale, High-Dimensional Continuous Data. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-26.	2.9	10
6	An Efficient Hardware Implementation of Feed-Forward Neural Networks. Applied Intelligence, 2004, 21, 143-158.	3.3	9
7	Algorithm fusion to improve detection of lung cancer on chest radiographs. International Journal of Intelligent Computing and Cybernetics, 2012, 5, 111-144.	1.6	9
8	An X-ray CAD system with ribcage suppression for improved detection of lung lesions. Periodica Mathematica Hungarica, 2013, 57, 19.	0.5	9
9	Analysis of the Message Propagation Speed in VANET with Disconnected RSUs. Mathematics, 2020, 8, 782.	1.1	9
10	Trace and debug port based watchdog processor. , 2012, , .		6
11	Analysis of the Message Propagation on the Highway in VANET. Arabian Journal for Science and Engineering, 2019, 44, 3405-3413.	1.7	6
12	Transient and First Passage Time Distributions of First- and Second-order Multi-regime Markov Fluid Queues via ME-fication. Methodology and Computing in Applied Probability, 2020, , 1.	0.7	5
13	Selection methods for extended least squares support vector machines. International Journal of Intelligent Computing and Cybernetics, 2008, 1, 69-93.	1.6	4
14	Microcontroller tracing in Hardware in the Loop tests integrating trace port measurement capability into NI VeriStand. , 2014, , .		4
15	Heuristic representation optimization for efficient generation of PH-distributed random variates. Annals of Operations Research, 2016, 239, 643-665.	2.6	4
16	OVERVIEW OF A DIGITAL TOMOSYNTHESIS DEVELOPMENT: NEW APPROACHES FOR LOW-DOSE CHEST IMAGING. Radiation Protection Dosimetry, 2016, 169, 171-176.	0.4	4
17	Moment bounds of PH distributions with infinite or finite support based on the steepest increase property. Advances in Applied Probability, 2019, 51, 168-183.	0.4	4
18	Transient analysis of piecewise homogeneous Markov fluid models. Annals of Operations Research, 2022, 310, 333-353.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Lung nodule detection on digital tomosynthesis images: A preliminary study. , 2014, , .		3
20	Path reconstruction based on gyroscope bias estimation using GPS. , 2015, , .		3
21	Matrix-analytic solution of infinite, finite and level-dependent second-order fluid models. Queueing Systems, 2017, 87, 325-343.	0.6	3
22	Waiting time and queue length analysis of Markov-modulated fluid priority queues. Queueing Systems, 2020, 95, 69-95.	0.6	2
23	Real time vector quantization of LSP parameters. Speech Communication, 1999, 29, 39-47.	1.6	1
24	A Sparse Robust Model for a Linz-Donawitz Steel Converter. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2007, , .	0.0	1
25	Kernel descriptors for chest x-ray analysis. Proceedings of SPIE, 2017, , .	0.8	1
26	Using CMAC for Mobile Robot Motion Control. Lecture Notes in Computer Science, 2011, , 156-166.	1.0	1
27	An improved wavelet-based contralateral subtraction algorithm. , 2012, , .		0
28	Improved ADMM based TV minimized Image deblurring without boundary artifacts. , 2016, , .		0
29	Analysis of alert message propagation on the highway in VANET assuming Markovian vehicle arrival process. International Journal of Communication Systems, 2020, 33, e4501.	1.6	0