Yousef Alipouri

List of Publications by Year
in descending order

37 papers	209 citations	1039406 9 h-index	1125271 13 g-index
37 all docs	37 docs citations	37 times ranked	189 citing authors

#	Article	IF	Citations
1	Ultraviolet photocatalytic oxidation technology for indoor volatile organic compound removal: A critical review with particular focus on byproduct formation and modeling. Journal of Hazardous Materials, 2022, 421, 126766.	6.5	22
2	Optimal controller design using discrete linear model for a four tank benchmark process. ISA Transactions, 2013, 52, 644-651.	3.1	21
3	Identification of robust Gaussian Process Regression with noisy input using EM algorithm. Chemometrics and Intelligent Laboratory Systems, 2019, 191, 1-11.	1.8	16
4	Wiener model based GMVC design considering sensor noise and delay. ISA Transactions, 2019, 88, 73-81.	3.1	13
5	Examination of human interaction on indoor environmental quality variables: A case study of libraries at the University of Alberta. Building and Environment, 2022, 207, 108476.	3.0	12
6	Designing a robust minimum variance controller using discrete slide mode controller approach. ISA Transactions, 2013, 52, 291-299.	3.1	11
7	Momentum coefficient for promoting accuracy and convergence speed of evolutionary programming. Applied Soft Computing Journal, 2012, 12, 1765-1786.	4.1	10
8	Constrained generalised minimum variance controller design using projection–based recurrent neural network. IET Control Theory and Applications, 2017, 11, 143-154.	1.2	10
9	A modification to classical evolutionary programming by shifting strategy parameters. Applied Intelligence, 2013, 38, 175-192.	3.3	9
10	A linear approach to generalized minimum variance controller design for MIMO nonlinear systems. Nonlinear Dynamics, 2014, 77, 935-949.	2.7	9
11	Multirate Sensor Fusion in the Presence of Irregular Measurements and Time-Varying Time Delays Using Synchronized, Neural, Extended Kalman Filters. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	2.4	8
12	Dual Neural Extended Kalman Filtering Approach for Multirate Sensor Data Fusion. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	2.4	7
13	Minimum variance lower bound estimation and realization for desired structures. ISA Transactions, 2014, 53, 787-792.	3.1	6
14	Robust Minimum Variance Lower Bound Estimation by Uncertainty Modeling Using Interval Type–2 Fuzzy set. Asian Journal of Control, 2017, 19, 47-56.	1.9	6
15	MV bound and MV controller for convex–non–linear systems with input constraints. IET Control Theory and Applications, 2018, 12, 761-769.	1.2	6
16	Practical control performance assessment method using Hurst exponents and crossover phenomena. Computers and Chemical Engineering, 2022, 161, 107774.	2.0	6
17	Non-affine minimum variance controller design by inverse modeling procedure. Nonlinear Dynamics, 2014, 78, 2675-2684.	2.7	5
18	Design of robust minimum variance controller using type-2 fuzzy set. Transactions of the Institute of Measurement and Control, 2016, 38, 315-326.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Attenuating noise effect on yaw rate control of independent drive electric vehicle using minimum variance controller. Nonlinear Dynamics, 2017, 87, 1637-1651.	2.7	4
20	Distributed data‐driven observer for linear time invariant systems. International Journal of Adaptive Control and Signal Processing, 2020, 34, 503-519.	2.3	4
21	Fault Detection Based On Online Probability Density Function Estimation. Asian Journal of Control, 2016, 18, 2193-2202.	1.9	3
22	Distributed multiple step ahead prediction considering communication delays. IET Control Theory and Applications, 2019, 13, 806-814.	1.2	3
23	Multiple step ahead prediction based high order discrete-time sliding mode control design with actuator and communication delays. Journal of the Franklin Institute, 2020, 357, 7845-7863.	1.9	3
24	Minimum variance lower bound estimation with Gaussian Process models. Transactions of the Institute of Measurement and Control, 2018, 40, 1799-1807.	1.1	2
25	Optimal Controller Design with Communication Delay for Solid Oxide Fuel Cell. Asian Journal of Control, 2020, 22, 677-686.	1.9	2
26	Performance assessment of distributed LQG control subject to communication delays. International Journal of Control, 2020, , 1-12.	1.2	2
27	Distributed control performance assessment and corresponding optimal controller design considering communication delays. IET Control Theory and Applications, 2020, 14, 568-576.	1.2	2
28	Multi-Model Identification of HVAC System. Applied Sciences (Switzerland), 2021, 11, 668.	1.3	2
29	Improving Performance of Evolutionary Algorithms with Application to Fuzzy Control of Truck Backer-Upper System. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	1
30	Crossover operator of continuous GA with cost information. , 2011, , .		0
31	Assessing accuracy of k ‐step‐ahead prediction of non‐linear dynamics with uncertainties. IET Signal Processing, 2015, 9, 655-662.	0.9	0
32	Online kernel density estimation using fuzzy logic. IET Signal Processing, 2015, 9, 579-586.	0.9	0
33	Sensor Fusion and Computer Vision Integrated System for Primary Separation Vessel Interface Level Estimation. IFAC-PapersOnLine, 2021, 54, 170-175.	0.5	0
34	Sensor fusion with high‐order moments constraints using projection‐based neural network. IET Signal Processing, 2021, 15, 500-509.	0.9	0
35	Data-driven multi-model minimum variance controller design based on support vectors. Journal of Process Control, 2021, 104, 28-39.	1.7	0
36	Model-Based Observer Design Considering Unequal Measurement Delays. Actuators, 2021, 10, 281.	1.2	0

#	ARTICLE	IF	CITATIONS
37	Gap Metric Based Performance Assessment of Subcool Control in Steam Assisted Gravity Drainage Wells. IFAC-PapersOnLine, 2020, 53, 12002-12007.	0.5	0