

MeriÅ§ Äetin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

117
citations

1936888

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h-index

1473754

9
g-index

16
all docs

16
docs citations

16
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel auto-tuning PID control mechanism for nonlinear systems. ISA Transactions, 2015, 58, 292-308.	3.1	64
2	Adaptive uncertainty compensation-based nonlinear model predictive control with real-time applications. Neural Computing and Applications, 2019, 31, 1029-1043.	3.2	16
3	Model-based robust suppression of epileptic seizures without sensory measurements. Cognitive Neurodynamics, 2020, 14, 51-67.	2.3	9
4	Adaptive Stabilization of Uncertain Cortex Dynamics Under Joint Estimates and Input Constraints. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 627-631.	2.2	8
5	Second-order hyperparameter tuning of model-based and adaptive observers for time-varying and unknown chaotic systems. Chaos, Solitons and Fractals, 2022, 156, 111898.	2.5	6
6	An efficient sliding mode observer-based model predictive control: experimental implementation on a DC/DC power converter. Transactions of the Institute of Measurement and Control, 2018, 40, 2488-2497.	1.1	5
7	Soft sensor applications of RK-based nonlinear observers and experimental comparisons. Intelligent Automation and Soft Computing, 2017, 23, 109-116.	1.6	3
8	Active fault tolerant control for high-precision positioning of a non-contact mode uncertain atomic force microscopy. Transactions of the Institute of Measurement and Control, 2020, 42, 2632-2644.	1.1	2
9	Artificial neural network based adaptive linear model predictive control. Pamukkale University Journal of Engineering Sciences, 2016, 22, 650-658.	0.2	1
10	Adaptive PI and SMC for Control of Uncertain and Varying Time-Delay Chaotic Coronary Artery Vessel. , 2018, , .		0
11	Adaptive UKF Based State Estimation of HIV, Hepatitis-B and Cancer Mathematical Models. , 2018, , .		0
12	Time-Varying Fault Tolerant Control of Nonlinear MIMO Systems. , 2018, , .		0
13	Long-term analysis of HIV infection therapy with cubature Kalman filtering-based predictive control. Neural Computing and Applications, 0, , 1.	3.2	0
14	State and Parameter Estimation of Uncertain Brain Cortex Model. Pamukkale University Journal of Engineering Sciences, 2018, 24, 1425-1434.	0.2	0
15	HARÄ°CÄ° REENFEKSÄ°YONLARA BAÄžLI TÄœBERKÄœLOZUN UYARLAMALI KALMAN FÄ°LTRE TEMELLÄ° OPTÄ°MAL KONTROLÄœ. MÄ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2020, 8, 1260-1268.	0.1	0