Tamer Inanc

List of Publications by Year
in descending order

28 papers	342 citations	1040056 9 h-index	1058476 14 g-index
28 all docs	28 docs citations	28 times ranked	346 citing authors

#	Article	IF	Citations
1	Redundant feature pruning for accelerated inference in deep neural networks. Neural Networks, 2019, 118, 148-158.	5.9	55
2	Regularizing Deep Neural Networks by Enhancing Diversity in Feature Extraction. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2650-2661.	11.3	51
3	Framework for Low-Observable Trajectory Generation in Presence of Multiple Radars. Journal of Guidance, Control, and Dynamics, 2008, 31, 1740-1749.	2.8	33
4	An RBF collocation method for solving optimal control problems. Robotics and Autonomous Systems, 2017, 87, 219-225.	5.1	29
5	An Autonomous Mobile Robotics Testbed: Construction, Validation, and Experiments. IEEE Transactions on Control Systems Technology, 2010, 18, 757-766.	5.2	23
6	Optimal trajectory generation for a glider in time-varying 2D ocean flows B-spline model. , 2008, , .		19
7	Fast Structured Nuclear Norm Minimization With Applications to Set Membership Systems Identification. IEEE Transactions on Automatic Control, 2014, 59, 2837-2842.	5.7	18
8	Shape Analysis of the Human Brain: A Brief Survey. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1337-1354.	6.3	15
9	Individualized model discovery: The case of anemia patients. Computer Methods and Programs in Biomedicine, 2015, 118, 23-33.	4.7	12
10	A low€cost autonomous mobile robotics experiment: Control, vision, sonar, and Handy Board. Computer Applications in Engineering Education, 2012, 20, 203-213.	3.4	11
11	On Correlation of Features Extracted by Deep Neural Networks. , 2019, , .		11
12	Individualized drug dosing using RBF-Galerkin method: Case of anemia management in chronic kidney disease. Computer Methods and Programs in Biomedicine, 2017, 148, 45-53.	4.7	10
13	A radial basis function method for direct trajectory optimization. , 2015, , .		8
14	Individualized anemia management using a radial basis function method. , 2015, , .		6
15	Radial Basis Function Interpolation and Galerkin Projection for Direct Trajectory Optimization and Costate Estimation. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1380-1388.	13.1	6
16	A tutorial for applying DMOC to solve optimization control problems. , 2010, , .		5
17	DMOC approach of real-time trajectory generation for mechanical systems. , 2008, , .		4
18	Modified Akaike information criterion for estimating the number of components in a probability mixture model. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
19	RBF method for optimal control of drug administration in the anemia of hemodialysis patients. , 2015, , .		4
20	Controller design for small air vehicles — An overview and comparison. , 2013, , .		3
21	Adaptive Individualized Modeling From Limited Clinical Data for Precise Anemia Management. IEEE Access, 2021, 9, 119466-119475.	4.2	3
22	Precise Warfarin Management through Personalized Modeling and Control with Limited Clinical Data. , 2021, 2021, 5035-5038.		3
23	Multiple Air Robotics Indoor Testbed. , 2012, , .		2
24	A multiphase <scp>DMOC</scp>â€based trajectory optimization method. Optimal Control Applications and Methods, 2018, 39, 114-129.	2.1	2
25	Robust System Identification for Anemia Management. IFAC-PapersOnLine, 2021, 54, 328-333.	0.9	2
26	Use of Parametric Approximation in Real-Time Nonlinear Trajectory Generation. , 2006, , .		1
27	Energy efficient trajectory generation for a state-space based JPL Aerobot. , 2010, , .		1
28	Opportunistic 3D trajectory generation for the JPL Aerobot with Nonlinear Trajectory Generation methodology. , 2010, , .		1