

# Bijoy

## List of Publications by Year in descending order

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44  
papers

509  
citations

1163117

8  
h-index

794594

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44  
docs citations

44  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite-Time Velocity-Free Rendezvous Control of Multiple AUV Systems With Intermittent Communication. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6618-6629.	9.3	56
2	Distributed Optimal Tracking Control of Discrete-Time Multiagent Systems via Event-Triggered Reinforcement Learning. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3689-3700.	5.4	25
3	Eye and Head Rotation Control Via Feedback Linearization. , 2022, , .		0
4	Adaptive scaled consensus control of cooperation networks with high-order agent dynamics. International Journal of Control, 2021, 94, 909-922.	1.9	8
5	Reduced-order observer-based consensus control of linear multi-agent systems over directed networks with nonuniform communication delays. Transactions of the Institute of Measurement and Control, 2021, 43, 759-770.	1.7	4
6	Riemannian geometric approach to optimal binocular rotation, pyramid based interpolation and bio-mimetic pan-tilt movement. Autonomous Intelligent Systems, 2021, 1, 1.	3.1	0
7	Input-Output Data-Based Output Antisynchronization Control of Multiagent Systems Using Reinforcement Learning Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 7359-7367.	11.3	39
8	Fully Distributed Finite-time Consensus Control of Autonomous Underwater Vehicles. , 2021, , .		1
9	Optimal Walking Assistance Control of Lower Limb Exoskeleton Using Adaptive Learning Approach. , 2020, , .		2
10	Distributed multi-agent temporal-difference learning with full neighbor information. Control Theory and Technology, 2020, 18, 379-389.	1.6	2
11	Understanding the mechanism of human-computer game: a distributed reinforcement learning perspective. International Journal of Systems Science, 2020, 51, 2837-2848.	5.5	4
12	Minimum energy optimal external torque control of human binocular vision. Control Theory and Technology, 2020, 18, 431-458.	1.6	1
13	Optimal containment control of continuous-time multi-agent systems with unknown disturbances using data-driven approach. Science China Information Sciences, 2020, 63, 1.	4.3	4
14	Data-driven containment control of discrete-time multi-agent systems via value iteration. Science China Information Sciences, 2020, 63, 1.	4.3	19
15	Relative Angle Measurements Based Shape-Similar Formation for Mobile Robots with Input Time-Delay. , 2020, , .		0
16	Recent advances in optimization and game theoretic control for networked systems. Asian Journal of Control, 2019, 21, 2493-2512.	3.0	40
17	Delayed Consensus control of High-Order Multi-Agent Systems via Distributed Reduced-Order Observer. , 2019, , .		1
18	Data-driven optimal tracking control of discrete-time multi-agent systems with two-stage policy iteration algorithm. Information Sciences, 2019, 481, 189-202.	6.9	74

#	ARTICLE	IF	CITATIONS
19	Consensus Control of General Linear Multiagent Systems With Antagonistic Interactions and Communication Noises. IEEE Transactions on Automatic Control, 2019, 64, 2122-2127.	5.7	145
20	Deep Sequencing Data Analysis. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2018, 15, 482-483.	3.0	1
21	Optimal Tracking Control of Heterogeneous Multi-agent Systems with Switching Topology Via Actor-Critic Neural Networks. , 2018, , .		4
22	Human Head and Binocular Eye Movement Control via Feedback Linearization. , 2018, , .		3
23	Helmholtzian Strategy to Stay in Focus with Binocular Vision. , 2018, , .		1
24	Kalman filter based iterative learning control for discrete time MIMO systems. , 2018, , .		3
25	Feedback Linearization of the Human Head Rotation Dynamics using Tait-Bryan Parameterization. , 2018, , .		1
26	Observer Based Iterative Learning Controller Design for MIMO Systems in Discrete Time. , 2018, , .		4
27	Cooperative Learning Control for Multi Input Multi Output Systems. , 2018, , .		0
28	Semiglobal Feedback Linearization of the Human Head and Binocular Eye Tracking Dynamics Satisfying Donders's™ Law. , 2018, , .		1
29	A transverse local feedback linearization approach to human head movement control. Control Theory and Technology, 2017, 15, 288-300.	1.6	7
30	Adaptive consensus control of cooperation networks with high-order agent dynamics. , 2017, , .		0
31	Optimal tracking of version and vergence eye movements in human binocular control. , 2016, , .		3
32	Stabilization and trajectory tracking of version and vergence eye movements in human binocular control. , 2015, , .		4
33	Potential and Optimal Target Fixating Control of the Human Head/Eye Complex. IEEE Transactions on Control Systems Technology, 2015, 23, 796-804.	5.2	7
34	A Geometric Approach to Head/Eye Control. IEEE Access, 2014, 2, 316-332.	4.2	23
35	Detection of moving targets in the visual pathways of turtles using computational models. , 2014, , .		0
36	Binocular eye tracking control satisfying Hering's law. , 2013, , .		7

#	ARTICLE	IF	CITATIONS
37	Tracking and optimal control problems in human head/eye coordination. , 2013, , .		2
38	Modeling and Estimation of the Dynamics of Planar Algebraic Curves via Riccati Equations. Journal of Mathematical Imaging and Vision, 2010, 38, 139-158.	1.3	0
39	High-Throughput Biological Data Analysis. IEEE Control Systems, 2010, 30, 81-100.	0.8	2
40	Motion encoding and decoding in the turtle retina. , 2009, , .		3
41	Bayesian network approach to understand regulation of biological processes in cyanobacteria. , 2009, , .		0
42	Modeling diurnal rhythms with an array of phase dynamic oscillators. , 2008, , .		0
43	Controlling diurnal rhythms by light. , 2008, , .		1
44	Bio-Inspired Networks of Visual Sensors, Neurons, and Oscillators. Proceedings of the IEEE, 2007, 95, 188-214.	21.3	7