

# Qibing Jin

## List of Publications by Year in descending order

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40  
papers

299  
citations

933447

10  
h-index

940533

16  
g-index

40  
all docs

40  
docs citations

40  
times ranked

366  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption and Diffusion of Benzene in Mg-MOF-74 with Open Metal Sites. ACS Applied Materials & Interfaces, 2019, 11, 4686-4700.	8.0	46
2	Research on Dynamic Path Planning Based on the Fusion Algorithm of Improved Ant Colony Optimization and Rolling Window Method. IEEE Access, 2022, 10, 28322-28332.	4.2	25
3	Adaptive fractional-order total variation image restoration with split Bregman iteration. ISA Transactions, 2018, 82, 210-222.	5.7	24
4	Computational Study of the Effect of Functional Groups on Water Adsorption in Mesoporous Carbons: Implications for Gas Adsorption. ACS Applied Nano Materials, 2019, 2, 7103-7113.	5.0	21
5	Separation of CF <sub>4</sub> /N <sub>2</sub> , C <sub>2</sub> F <sub>6</sub> /N <sub>2</sub> , and SF <sub>6</sub> /N <sub>2</sub> Mixtures in Amorphous Activated Carbons Using Molecular Simulations. ACS Applied Materials & Interfaces, 2020, 12, 20044-20055.	8.0	19
6	Design of DOB-Based Control System in the Presence of Uncertain Delays for Low-Order Processes. IEEE Transactions on Control Systems Technology, 2020, 28, 558-565.	5.2	18
7	A New Similarity Computing Model of Collaborative Filtering. IEEE Access, 2020, 8, 17594-17604.	4.2	13
8	Multi-loop PI/PID controllers design for disturbance rejection based on non-parametric effective model and non-convex optimisation. IET Control Theory and Applications, 2014, 8, 1499-1512.	2.1	12
9	Improved Minmax Control for Industrial Networked Systems Over Imperfect Communication. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1310-1317.	9.3	12
10	Sparse Proximal Reinforcement Learning via Nested Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4020-4032.	9.3	12
11	Fractional Order IMC Controller Design for Two-input-two-output Fractional Order System. International Journal of Control, Automation and Systems, 2019, 17, 936-947.	2.7	10
12	Water-Gas Shift Reaction to Capture Carbon Dioxide and Separate Hydrogen on Single-Walled Carbon Nanotubes. ACS Applied Materials & Interfaces, 2021, 13, 11026-11038.	8.0	10
13	Optimization Study on Increasing Yield and Capacity of Fluid Catalytic Cracking (FCC) Units. Processes, 2021, 9, 1497.	2.8	10
14	Study on Asymptotic Stability of Fractional Singular Systems with Time Delay. International Journal of Control, Automation and Systems, 2020, 18, 1002-1011.	2.7	9
15	Adsorption and structure of benzene confined in disordered porous carbons: effect of pore heterogeneity and surface chemistry. Molecular Simulation, 2018, 44, 1291-1303.	2.0	7
16	Improved Constrained Model Predictive Tracking Control for Networked Coke Furnace Systems Over Uncertainty and Communication Loss. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1877-1884.	9.3	7
17	Effects of Ticket-Checking Failure on Dynamics of Pedestrians at Multi-Exit Inspection Points with Various Layouts. International Journal of Environmental Research and Public Health, 2019, 16, 846.	2.6	6
18	TBLC-rAttention: A Deep Neural Network Model for Recognizing the Emotional Tendency of Chinese Medical Comment. IEEE Access, 2020, 8, 96811-96828.	4.2	6

#	ARTICLE	IF	CITATIONS
19	Speckle noise removal based on structural convolutional neural networks with feature fusion for medical image. Signal Processing: Image Communication, 2021, 99, 116500.	3.2	6
20	SOM-based visualization monitoring and fault diagnosis for chemical process. , 2016, , .		4
21	An Improved Parallel MDBN With AVMD for Nonlinear System Modeling. IEEE Access, 2020, 8, 18408-18419.	4.2	4
22	An Adaptive Policy Evaluation Network Based on Recursive Least Squares Temporal Difference With Gradient Correction. IEEE Access, 2018, 6, 7515-7525.	4.2	3
23	Recursive Identification for Fractional Order Hammerstein Model Based on ADELS. Mathematical Problems in Engineering, 2021, 2021, 1-16.	1.1	3
24	Optimization Study on Enhancing Deep-Cut Effect of the Vacuum Distillation Unit (VDU). Processes, 2022, 10, 359.	2.8	3
25	Research on High Performance 4G Wireless VPN for Smart Factory Based on Key Technologies of 5G Network Architecture. , 2020, , .		2
26	Adaptive Fractional Order Total Variation Image Denoising via the Alternating Direction Method of Multipliers. , 2020, , .		2
27	Parameter Optimization of Active Disturbance Rejection Controller Using Adaptive Differential Ant-Lion Optimizer. Algorithms, 2022, 15, 19.	2.1	2
28	Collaborative Control and Optimization of QoS in 5G and Industrial SDN Heterogeneous Networks for Smart Factory. , 2021, , .		2
29	Kinetic model reconstruction in silico of NSD metabolism network. , 2015, , .		1
30	The design of an IMC-PID controller based on MEOTF and its application to non-square processes with time delay. Mathematical Structures in Computer Science, 2014, 24, .	0.6	0
31	Gaussian process based online dynamic modeling of neuromuscular blockade. , 2016, , .		0
32	Least-squares temporal difference learning with eligibility traces based on regularized extreme learning machine. , 2016, , .		0
33	A modified BBO algorithm and its application for identifying Hammerstein system under heavy-tailed noises. , 2017, , .		0
34	A weighted split Bregman iteration for adaptive fractional order total variation model. , 2019, , .		0
35	Study on a Class of Robust Fractional Interference Observers. , 2019, , .		0
36	Study of an Adaptive Iterative Learning Control Based on Extended State Observer in Path Tracking of Double Joint Robot. , 2020, , .		0

#	ARTICLE	IF	CITATIONS
37	Simplified computation of robust stability region for DOB-based control system with parametric uncertainty. International Journal of Control, 2021, 94, 162-174.	1.9	0
38	A Novel Hybrid Fault Diagnosis Method Based on EWT-SA-PNN. , 2020, , .		0
39	Orthogonal Matching Pursuit for Least Squares Temporal Difference with Gradient Correction. , 2020, , .		0
40	An Improved Multi-Objective Harris Hawk Optimization with Blank Angle Region Enhanced Search. Symmetry, 2022, 14, 967.	2.2	0