Junping Du

List of Publications by Year
in descending order

164 papers	2,184 citations	236925 25 h-index	302126 39 g-index
164 all docs	164 docs citations	164 times ranked	1551 citing authors

#	ARTICLE	IF	CITATIONS
1	Cross‑media search method based on complementary attention and generative adversarial network for social networks. International Journal of Intelligent Systems, 2022, 37, 4393-4416.	5.7	13
2	A scientific research topic trend prediction model based on multi‑LSTM and graph convolutional network. International Journal of Intelligent Systems, 2022, 37, 6331-6353.	5.7	13
3	Federated Adam-Type Algorithm for Distributed Optimization With Lazy Strategy. IEEE Internet of Things Journal, 2022, 9, 20519-20531.	8.7	1
4	Cross-media retrieval of scientific and technological information based on multi-feature fusion. Neurocomputing, 2022, 509, 85-93.	5.9	0
5	Distributed Kalman Filter for Multitarget Tracking Systems With Coupled Measurements. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6599-6604.	9.3	10
6	Uniform stability of homogeneous time-varying systems. International Journal of Control, 2021, 94, 103-110.	1.9	2
7	Orthogonality Loss: Learning Discriminative Representations for Face Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2301-2314.	8.3	19
8	Deep Collaborative Filtering with Multi-Aspect Information in Heterogeneous Networks. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1413-1425.	5.7	57
9	Dual-pathway Attention based Supervised Adversarial Hashing for Cross-modal Retrieval. , 2021, , .		4
10	MVGAN: Multi-View Graph Attention Network for Social Event Detection. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-24.	4.5	20
11	Clustering-Induced Adaptive Structure Enhancing Network for Incomplete Multi-View Data. , 2021, , .		15
12	A Weakly Supervised Academic Search Model Based on Knowledge-Enhanced Feature Representation. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	1.2	1
13	A Multi-RNN Research Topic Prediction Model Based on Spatial Attention and Semantic Consistency-Based Scientific Influence Modeling. Computational Intelligence and Neuroscience, 2021, 2021, 1-15.	1.7	4
14	Federal Learning Based COVID-19 Fake News Detection With Deep Self-Attention Network. , 2021, , .		0
15	A Novel Topic Extraction Model for Science and Technology Demand Data. , 2021, , .		0
16	On the Convergence of Federated Learning with Stochastic Quantization. , 2021, , .		0
17	Federated Learning Method Based on Knowledge Distillation and Deep Gradient Compression. , 2021, , .		0
18	Anomaly Detection Using Local Kernel Density Estimation and Context-Based Regression. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 218-233.	5.7	63

#	ARTICLE	IF	CITATIONS
19	A content search method for security topics in microblog based on deep reinforcement learning. World Wide Web, 2020, 23, 75-101.	4.0	9
20	Distributed Kalman Filter for Cooperative Localization With Integrated Measurements. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3302-3310.	4.7	16
21	Cross-Media Semantic Correlation Learning Based on Deep Hash Network and Semantic Expansion for Social Network Cross-Media Search. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3634-3648.	11.3	5
22	BERT-BIGRU-CRF: A Novel Entity Relationship Extraction Model. , 2020, , .		5
23	Cross-Modal Search for Social Networks via Adversarial Learning. Computational Intelligence and Neuroscience, 2020, 2020, 1-12.	1.7	1
24	Prediction of Financial Big Data Stock Trends Based on Attention Mechanism. , 2020, , .		4
25	Reliable and Efficient Multimedia Service Optimization for Edge Computing-Based 5G Networks: Game Theoretic Approaches. IEEE Transactions on Network and Service Management, 2020, 17, 1610-1625.	4.9	21
26	Preface to the Special Issue on Graph Data Management in Online Social Networks. World Wide Web, 2020, 23, 691-692.	4.0	0
27	Extended search method based on a semantic hashtag graph combining social and conceptual information. World Wide Web, 2019, 22, 2589-2610.	4.0	4
28	Abnormal event detection in tourism video based on salient spatio-temporal features and sparse combination learning. World Wide Web, 2019, 22, 689-715.	4.0	13
29	Trust-Aware and Fast Resource Matchmaking for Personalized Collaboration Cloud Service. IEEE Transactions on Network and Service Management, 2019, 16, 1240-1254.	4.9	11
30	Deep Constrained Low-Rank Subspace Learning for Multi-View Semi-Supervised Classification. IEEE Signal Processing Letters, 2019, 26, 1177-1181.	3.6	15
31	Burst Topic Detection in Real Time Spatial–Temporal Data Stream. IEEE Access, 2019, 7, 82709-82720.	4.2	3
32	Crowd Density Field Estimation Based on Crowd Dynamics Theory and Social Force Model. Chinese Journal of Electronics, 2019, 28, 521-528.	1.5	4
33	Interaction-Aware Arrangement for Event-Based Social Networks. , 2019, , .		6
34	Label Correlation Guided Deep Multi-View Image Annotation. IEEE Access, 2019, 7, 134707-134717.	4.2	8
35	Strict Lyapunov Functions for Homogeneous Time-Varying Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-9.	9.3	1
36	Fine-grained Cross-media Representation Learning with Deep Quantization Attention Network. , 2019, , .		1

#	Article	IF	Citations
37	Dynamic topic modeling via self-aggregation for short text streams. Peer-to-Peer Networking and Applications, 2019, 12, 1403-1417.	3.9	14
38	Resilient Filtering for Nonlinear Complex Networks With Multiplicative Noise. IEEE Transactions on Automatic Control, 2019, 64, 2522-2528.	5.7	33
39	Common Semantic Representation Method Based on Object Attention and Adversarial Learning for Cross-Modal Data in IoV. IEEE Transactions on Vehicular Technology, 2019, 68, 11588-11598.	6.3	8
40	Visual analytics of cellular signaling data. Multimedia Tools and Applications, 2019, 78, 29447-29461.	3.9	5
41	Boosting deep attribute learning via support vector regression for fast moving crowd counting. Pattern Recognition Letters, 2019, 119, 12-23.	4.2	36
42	Deep Correlated Predictive Subspace Learning for Incomplete Multi-View Semi-Supervised Classification. , 2019, , .		18
43	Adaptive synchronization control of networked robot systems without velocity measurements. International Journal of Robust and Nonlinear Control, 2018, 28, 3606-3622.	3.7	10
44	Recursive filtering for complex networks using non–linearly coupled UKF. IET Control Theory and Applications, 2018, 12, 549-555.	2.1	17
45	Variance-Constrained State Estimation for Nonlinearly Coupled Complex Networks. IEEE Transactions on Cybernetics, 2018, 48, 818-824.	9.5	50
46	A Sequential Approach to Market State Modeling and Analysis in Online P2P Lending. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 21-33.	9.3	36
47	Efficient 3D Object Retrieval Based on Compact Views and Hamming Embedding. IEEE Access, 2018, 6, 31854-31861.	4.2	5
48	State Estimation for Stochastic Complex Networks With Switching Topology. IEEE Transactions on Automatic Control, 2017, 62, 6377-6384.	5.7	77
49	Modeling the Evolution of Users' Preferences and Social Links in Social Networking Services. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1240-1253.	5.7	85
50	Non-augmented state estimation for nonlinear stochastic coupling networks. Automatica, 2017, 78, 119-122.	5.0	17
51	Robust visual tracking based on scale invariance and deep learning. Frontiers of Computer Science, 2017, 11, 230-242.	2.4	5
52	Adaptive multiple video sensors fusion based on decentralized Kalman filter and sensor confidence. Science China Information Sciences, 2017, 60, 1.	4.3	2
53	Distributed consensus extended Kalman filter: a variance–constrained approach. IET Control Theory and Applications, 2017, 11, 382-389.	2.1	55
54	Transcale average consensus of directed multi-vehicle networks with fixed and switching topologies. International Journal of Control, 2017, 90, 2098-2110.	1.9	7

#	Article	IF	Citations
55	Event‑triggered state estimator for stochastic systems with unknown inputs. IET Signal Processing, 2017, 11, 165-170.	1.5	5
56	Tobit Kalman filter with time‑correlated multiplicative measurement noise. IET Control Theory and Applications, 2017, 11, 122-128.	2.1	39
57	EKF-based state estimation for nonlinear complex networks. , 2017, , .		0
58	Noisy Softmax: Improving the Generalization Ability of DCNN via Postponing the Early Softmax Saturation. , 2017, , .		84
59	A Novel Simple Visual Tracking Algorithm Based on Hashing and Deep Learning. Chinese Journal of Electronics, 2017, 26, 1073-1078.	1.5	7
60	Consensus seeking via iterative learning for multi-agent systems with switching topologies and communication time-delays. International Journal of Robust and Nonlinear Control, 2016, 26, 3772-3790.	3.7	44
61	Social network search based on semantic analysis and learning. CAAI Transactions on Intelligence Technology, 2016, 1, 293-302.	8.1	34
62	Abnormal event detection based on social force model combined with crowd violent flow. , 2016, , .		1
63	Hierarchical‑Based Object Detection with Improved Locality Sparse Coding. Chinese Journal of Electronics, 2016, 25, 290-295.	1.5	2
64	Video super-resolution reconstruction based on correlation learning and spatio-temporal nonlocal similarity. Multimedia Tools and Applications, 2016, 75, 10241-10269.	3.9	5
65	Correction to "LPV Control With Decoupling Performance of 4WS Vehicles Under Velocity-Varying Motion"[Sep 14 1708-1724]. IEEE Transactions on Control Systems Technology, 2016, 24, 1148-1148.	5.2	1
66	Event‑triggered Kalman consensus filter over sensor networks. IET Control Theory and Applications, 2016, 10, 103-110.	2.1	70
67	Visible and Infrared Video Fusion Using Uniform Discrete Curvelet Transform and Spatial‑Temporal Information. Chinese Journal of Electronics, 2015, 24, 761-766.	1.5	8
68	The Browsing Pattern and Review Model of Online Consumers Based on Large Data Analysis. Chinese Journal of Electronics, 2015, 24, 58-64.	1.5	6
69	Cross‑media Hot Topic Auto‑tracking Model Based on Semantics and Temporal Context. Chinese Journal of Electronics, 2015, 24, 529-534.	1.5	2
70	High‑precision formation control of nonlinear multi‑agent systems with switching topologies: A learning approach. International Journal of Robust and Nonlinear Control, 2015, 25, 1993-2018.	3.7	31
71	Infrared‑visible video fusion based on motion‑compensated wavelet transforms. IET Image Processing, 2015, 9, 318-328.	2.5	16
72	Diffusion Kalman filter for distributed estimation with intermittent observations. , 2015, , .		7

#	Article	IF	Citations
73	Modeling and input-output decoupling of hypersonic vehicles. International Journal of Control, Automation and Systems, 2015, 13, 156-166.	2.7	7
74	Distributed Kalman consensus filter with intermittent observations. Journal of the Franklin Institute, 2015, 352, 3764-3781.	3.4	77
75	Bipartite coordination problems on networks of multiple mobile agents. Journal of the Franklin Institute, 2015, 352, 4698-4720.	3.4	8
76	Robust ILC with iteration-varying initial state shifts: a 2D approach. International Journal of Systems Science, 2015, 46, 1-17.	5.5	37
77	Stability of varying two‐dimensional Roesser systems and its application to iterative learning control convergence analysis. IET Control Theory and Applications, 2015, 9, 1221-1228.	2.1	17
78	Nonlinear finite-time bipartite consensus protocol for multi-agent systems associated with signed graphs. International Journal of Control, 2015, 88, 2074-2085.	1.9	58
79	Super‐resolution reconstruction based on multisource bidirectional similarity and non‐local similarity matching. IET Image Processing, 2015, 9, 931-942.	2.5	5
80	Robust iterative learning protocols for finite-time consensus of multi-agent systems with interval uncertain topologies. International Journal of Systems Science, 2015, 46, 857-871.	5.5	32
81	Hˆžapproach to monotonically convergent ILC for uncertain time-varying delay systems. International Journal of Systems Science, 2015, 46, 209-217.	5.5	15
82	Finite-time consensus protocols for networks of dynamic agents by terminal iterative learning. International Journal of Systems Science, 2014, 45, 2435-2446.	5.5	15
83	Image Sequence Fusion and Denoising Based on 3D Shearlet Transform. Journal of Applied Mathematics, 2014, 2014, 1-10.	0.9	5
84	Finite-Time Synchronous Control for Multiple Manipulators With Sensor Saturations and a Constant Reference. IEEE Transactions on Control Systems Technology, 2014, 22, 1159-1165.	5.2	41
85	Distributed multiple model estimation for jump Markov linear systems with missing measurements. International Journal of Systems Science, 2014, 45, 1484-1495.	5.5	11
86	New kinematic notation and automatic generation of symbolic dynamics equations for space robots. , 2014, , .		0
87	Chaotic satellite attitude control by adaptive approach. International Journal of Control, 2014, 87, 1196-1207.	1.9	8
88	Input‐output decoupling by output feedback with disturbance attenuation ofHˆžcontrol for any square system. International Journal of Control, 2014, , 1-14.	1.9	2
89	Self-adaptive spatial image denoising model based on scale correlation and SURE-LET in the nonsubsampled contourlet transform domain. Science China Information Sciences, 2014, 57, 1-15.	4.3	3
90	LPV Control With Decoupling Performance of 4WS Vehicles Under Velocity-Varying Motion. IEEE Transactions on Control Systems Technology, 2014, 22, 1708-1724.	5.2	49

#	Article	IF	Citations
91	Multifocus image fusion using local perceived sharpness. , 2013, , .		2
92	Novel magnetic field computation model in pattern classification. Journal of Systems Engineering and Electronics, 2013, 24, 862-869.	2.2	0
93	Spatio-temporal super-resolution reconstruction based on robust optical flow and Zernike moment for dynamic image sequences. , 2013, , .		3
94	Coordination learning control for groups of mobile agents. Journal of the Franklin Institute, 2013, 350, 2183-2211.	3.4	9
95	Region-based multi-focus image fusion using the local spatial frequency. , 2013, , .		25
96	Distributed consensus filtering for jump Markov linear systems. IET Control Theory and Applications, 2013, 7, 1659-1664.	2.1	17
97	Multi–agent iterative learning control with communication topologies dynamically changing in two directions. IET Control Theory and Applications, 2013, 7, 261-270.	2.1	20
98	An Object Detection Method Using Wavelet Optical Flow and Hybrid Linear-Nonlinear Classifier. Mathematical Problems in Engineering, 2013, 2013, 1-14.	1.1	3
99	Adaptive stabilization of stochastic non-holonomic systems with non-homogeneous uncertainties. Transactions of the Institute of Measurement and Control, 2013, 35, 648-663.	1.7	11
100	Formation learning algorithms for mobile agents subject to 2-D dynamically changing topologies. , 2013, , .		1
101	Asynchronous consensus of multiple second-order agents with partial state information. International Journal of Systems Science, 2013, 44, 966-977.	5.5	14
102	State estimation for jump Markov linear systems with uncompensated biases. , 2013, , .		1
103	Evaluation of Initial Input Effects on Discrete–Time Stochastic Iterative Learning Control. Asian Journal of Control, 2013, 15, 1833-1843.	3.0	2
104	Finite-time consensus control for multiple manipulators with unmodeled dynamics. , 2013, , .		2
105	Spatial Images Feature Extraction Based on Bayesian Nonlocal Means Filter and Improved Contourlet Transform. Journal of Applied Mathematics, 2012, 2012, 1-16.	0.9	5
106	Simultaneous scan-based emitter passive localization and receiver trajectory optimization. , 2012, , .		0
107	Stochastic H<inf>2</inf> optimal control of discrete-time Markov jump systems with periodic coefficients. , 2012, , .		0
108	Semantic query expansion method for food safety domain. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
109	Formation iterative learning control for multi-agent systems with higher-order dynamics. , 2012, , .		0
110	Spatially adaptive threshold for image denoisng based on nonsubsampled contourlet transform. , 2012, , .		0
111	Cross-media topic analysis and information retrieval. , 2012, , .		1
112	Canny edge detection based on inertial product energy. , 2012, , .		1
113	Hierarchical control for path tracking of autonomous vehicles. , 2012, , .		5
114	Lane keeping control for autonomous 4WS4WD vehicles subject to wheel slip constraint. , 2012, , .		7
115	Consensus control for directed networks with multiple higher-order discrete dynamic agents: An ILC-based approach. , 2012, , .		1
116	Monotonically convergent ILC systems designed using bounded real lemma. International Journal of Systems Science, 2012, 43, 2062-2071.	5.5	12
117	The hot topics evaluation and key issues in online news about emergency events. , 2012, , .		1
118	Multi-focus image fusion algorithm based on UDCT. , 2012, , .		0
119	Tracking control over a finite interval for multi-agent systems with a time-varying reference trajectory. Systems and Control Letters, 2012, 61, 807-818.	2.3	106
120	Gaussian mixture PHD filter for multiple maneuvering extended targets tracking. , 2011, , .		1
121	Two alternative approaches to stochastic discrete-time iterative learning control systems. , 2011, , .		4
122	Robust L<inf>2</inf>-L<inf>&#x221E;</inf> consensus control of the second-order multi-agent systems with time-delay. , 2011, , .		2
123	Robust learning controller design for MIMO stochastic discrete‐time systems: An <i>H</i>_∞‐based approach. International Journal of Adaptive Control and Signal Processing, 2011, 25, 653-670.	4.1	28
124	Necessary and sufficient stability condition of LTV iterative learning control systems using a 2‐D approach. Asian Journal of Control, 2011, 13, 25-37.	3.0	16
125	Self-adaptive emergency topic tracking model based on CHI_LDA and timing characteristics. , 2011, , .		0
126	Column formation control of multi-robot systems with input constraints. , 2011, , .		5

#	Article	IF	Citations
127	Adaptive iterative learning control for uncertain delay systems based on model matching technique. , 2011, , .		0
128	A semantics based segmentation algorithm for scene images. , 2011, , .		2
129	Gaussian mixture PHD smoother for jump Markov models in multiple maneuvering targets tracking. , 2011, , .		2
130	Tourism information navigation system based on SoftMan. , 2010, , .		0
131	Feedback iterative learning control for time-delay systems based on 2D analysis approach. Journal of Control Theory and Applications, 2010, 8, 457-463.	0.8	9
132	Analysis of two robust learning control schemes in the presence of random iteration-varying noise. , 2010, , .		0
133	Model matching control for MIMO systems with multiple time delays and its applications in adaptive scheme. , 2010, , .		1
134	Web opinion mining based on sentiment phrase classification vector. , 2010, , .		4
135	Study on panoramic image stitching algorithm. , 2010, , .		7
136	Initial shift problem for robust iterative learning control systems with polytopic-type uncertainty. International Journal of Systems Science, 2010, 41, 825-838.	5.5	16
137	Tourism emergency data mining and intelligent prediction based on networking autonomic system. , 2010, , .		2
138	Non-fragile control for trajectory tracking of nonholonomic mobile robots. , 2010, , .		1
139	Observer-based L_2–L_∞ control for a class of stochastic systems with time-varying delay. , 2010, , .		1
140	Dynamic output feedback control for a class of stochastic time-delay systems. , 2009, , .		1
141	Robust Discrete-Time Iterative Learning Control for Nonlinear Systems With Varying Initial State Shifts. IEEE Transactions on Automatic Control, 2009, 54, 2626-2631.	5.7	55
142	Gene selection of multiple cancer types via huberized multi-class support vector machine. , 2009, , .		2
143	Average consensus for networks of continuous-time agents with delayed information and jointly-connected topologies. , 2009, , .		3
144	A new support vector machine for microarray classification and adaptive gene selection. , 2009, , .		6

#	Article	IF	Citations
145	A novel interacting multiple model algorithm based on multi-sensor optimal information fusion rule. , 2009, , .		3
146	Monotonically convergent iterative learning control for uncertain time-delay systems: An LMI approach. , 2009, , .		3
147	H<inf>&#x221E;</inf>-based design approach to discrete-time learning control systems with iteration-varying disturbances. , 2009, , .		1
148	Tour Route Planning Based on Ant Colony System. , 2009, , .		0
149	Robust H_2/H_∞ control for time‐delay systems with polytopic uncertainty. Asian Journal of Control, 2009, 11, 11-20.	3.0	3
150	Dynamic output feedback control for consensus of multi-agent systems: An H<inf>&#x221E;</inf> approach. , 2009, , .		39
151	Robust Design of a Class of Time-Delay Iterative Learning Control Systems With Initial Shifts. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 1744-1757.	5.4	39
152	Distributed control of multi‐agent systems with second‐order agent dynamics and delay‐dependent communications. Asian Journal of Control, 2008, 10, 254-259.	3.0	55
153	Constructing Tourism Association Words Set Based on Association Rule Mining. , 2008, , .		3
154	Flocking for multi-agent systems with switching topology in a noisy environment. , 2008, , .		2
155	Algebraic criteria for consensus problem of networked systems with continuous-time dynamics. , 2008, , .		1
156	Distributed leadless coordination for networks of second-order agents with time-delay on switching topology. , 2008, , .		16
157	Observer-based h 8control of uncertain singular systems with time-varying delay. , 2008, , .		0
158	Strategy-Based Player Modeling during Interactive Entertainment Sessions by Using Bayesian Classification. , 2008, , .		7
159	Robust H<inf>&#x221E;</inf> control for a class of uncertain neutral time-delay systems via dynamic output feedback. , 2008, , .		3
160	Robust energy-to-peak filtering for uncertain singular systems with time-varying delay. , 2008, , .		0
161	Consensus problem of multiple inertial agents with fixed and switching topologies. , 2008, , .		0
162	ABS Composite Control Based on Optimal Slip Ratio. Proceedings of the American Control Conference, 2007, , .	0.0	8

#	Article	IF	Citations
163	Delay-dependent H<inf>&#x221E;</inf> control for LPV systems with time delays. , 2007, , .		3
164	Robust H<inf>∞</inf> control of time-delay systems with polytopic uncertainty. , 2007, , .		0