Zhongliang Jing

List of Publications by Year
in descending order

51 papers	1,289 citations	516710 16 h-index	345221 36 g-index
54 all docs	54 docs citations	54 times ranked	988 citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus cubature filtering based on Gaussian process for distributed sensor network with model uncertainty. Signal Processing, 2022, 190, 108347.	3.7	7
2	External Wrench Estimation for UAVs Based on Variational Bayesian Unscented Kalman Filter. IEEE Robotics and Automation Letters, 2022, 7, 6814-6821.	5.1	1
3	Design, Modeling and Motion Control of a Multi-Segment SMA Driven Soft Robotic Manipulator. , 2021, , .		1
4	Experimental Evaluation on Structural Behaviors of ETFE Cushion Structures Subjected to Progressive Loading. Journal of Structural Engineering, 2021, 147, 04021205.	3.4	2
5	Extended GMPHD with amplitude information for multi-sensor multi-target tracking. Aerospace Systems, 2021, 4, 271-279.	1.4	2
6	A nonlinear uniaxial stress-strain constitutive model for viscoelastic membrane materials. Polymer Testing, 2020, 90, 106633.	4.8	21
7	Distance-directed Target Searching for a Deep Visual Servo SMA Driven Soft Robot Using Reinforcement Learning. Journal of Bionic Engineering, 2020, 17, 1126-1138.	5.0	28
8	Uniaxial tensile creep properties of ETFE foils at a wide range of loading stresses subjected to long-term loading. Construction and Building Materials, 2020, 253, 119112.	7.2	9
9	Purely Image-Based Pose Stabilization of Nonholonomic Mobile Robots With a Truly Uncalibrated Overhead Camera. IEEE Transactions on Robotics, 2020, 36, 724-742.	10.3	12
10	Robust Consensus Nonlinear Information Filter for Distributed Sensor Networks With Measurement Outliers. IEEE Transactions on Cybernetics, 2019, 49, 3731-3743.	9.5	39
11	Simultaneous uniaxial creep testing of time-dependent membrane materials with optical devices. Materials Today Communications, 2019, 21, 100655.	1.9	6
12	Shape Memory Alloy Driven Soft Robot Design and Position Control Using Continuous Reinforcement Learning. , 2019, , .		4
13	Computational method for in-situ finite element modeling of inflatable membrane structures based on geometrical shape measurement using photogrammetry. Computers and Structures, 2019, 224, 106105.	4.4	20
14	Consensus variable structure multiple model filtering for distributed maneuvering tracking. Signal Processing, 2019, 162, 234-241.	3.7	9
15	The Labeled Multi-Bernoulli Filter for Multitarget Tracking With Glint Noise. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 2253-2268.	4.7	19
16	Image-Based Position Control of Mobile Robots With a Completely Unknown Fixed Camera. IEEE Transactions on Automatic Control, 2018, 63, 3016-3023.	5.7	34
17	Consensus-Based Filter for Distributed Sensor Networks with Colored Measurement Noise. Sensors, 2018, 18, 3678.	3.8	12
18	Dynamic geometrical shape measurement and structural analysis of inflatable membrane structures using a low-cost three-camera system. Automation in Construction, 2018, 96, 442-456.	9.8	12

#	Article	IF	Citations
19	Student-t mixture labeled multi-Bernoulli filter for multi-target tracking with heavy-tailed noise. Signal Processing, 2018, 152, 331-339.	3.7	31
20	Evaluation of Focus Measures in Multi-Focus Image Fusion. Information Fusion and Data Science, 2018, , 269-281.	0.3	3
21	Nonlinear Filter. Information Fusion and Data Science, 2018, , 7-22.	0.3	0
22	Multi-Target Tracking with Gaussian Mixture CPHD Filter and Gating Technique. Information Fusion and Data Science, 2018, , 71-86.	0.3	0
23	Simultaneous target tracking and sensor location refinement in distributed sensor networks. Signal Processing, 2018, 153, 123-131.	3.7	9
24	Target Tracking and Multi-Sensor Fusion with Adaptive Cubature Information Filter. Information Fusion and Data Science, 2018, , 41-70.	0.3	1
25	A distributed consensus filter for sensor networks with heavy-tailed measurement noise. Science China Information Sciences, 2018, 61, 1.	4.3	4
26	Non-Cooperative Target Tracking, Fusion and Control. Information Fusion and Data Science, 2018, , .	0.3	9
27	Image Fusion Using the Quincunx-Sampled Discrete Wavelet Frame. Information Fusion and Data Science, 2018, , 229-249.	0.3	0
28	Optimal Dynamic Inversion Control for Spacecraft Maneuver-Aided Tracking. Information Fusion and Data Science, 2018, , 307-329.	0.3	0
29	Optimal-Switched Hâˆž Robust Tracking for Maneuvering Space Target. Information Fusion and Data Science, 2018, , 151-160.	0.3	0
30	Maneuvering multi-target tracking based on variable structure multiple model GMCPHD filter. Signal Processing, 2017, 141, 158-167.	3.7	35
31	Variational Bayesian Adaptive Cubature Information Filter Based on Wishart Distribution. IEEE Transactions on Automatic Control, 2017, 62, 6051-6057.	5.7	88
32	A Consensus Nonlinear Filter With Measurement Uncertainty in Distributed Sensor Networks. IEEE Signal Processing Letters, 2017, 24, 1631-1635.	3.6	40
33	Robust image restoration via random projection and partial sorted â„“ p norm. Neurocomputing, 2017, 222, 72-80.	5.9	4
34	A Regular k-Shrinkage Thresholding Operator for the Removal of Mixed Gaussian-Impulse Noise. Applied Computational Intelligence and Soft Computing, 2017, 2017, 1-9.	2.3	1
35	Application to Environmental Surveillance: Dynamic Image Estimation Fusion and Optimal Remote Sensing with Fuzzy Integral. Smart Sensors, Measurement and Instrumentation, 2015, , 159-189.	0.6	2
36	Robust visual multitask tracking via composite sparse model. Journal of Electronic Imaging, 2014, 23, 063022.	0.9	1

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37	Maneuver-Aided Active Satellite Tracking Using Six-DOF Optimal Dynamic Inversion Control. IEEE Transactions on Aerospace and Electronic Systems, 2014, 50, 704-719.	4.7	15
38	Generalized proximal conjugate gradient method for image deblurring. , 2014, , .		0
39	A sparse proximal Newton splitting method for constrained image deblurring. Neurocomputing, 2013, 122, 245-257.	5.9	14
40	Current progress of information fusion in China. Science Bulletin, 2013, 58, 4533-4540.	1.7	6
41	Detection-guided multi-target Bayesian filter. Signal Processing, 2012, 92, 564-574.	3.7	24
42	A dual-kernel-based tracking approach for visual target. Science China Information Sciences, 2012, 55, 566-576.	4.3	4
43	Localization of multiple emitters based on the sequential PHD filter. Signal Processing, 2010, 90, 34-43.	3.7	20
44	Gaussian mixture CPHD filter with gating technique. Signal Processing, 2009, 89, 1521-1530.	3.7	44
45	Image fusion using a low-redundancy and nearly shift-invariant discrete wavelet frame. Optical Engineering, 2007, 46, 107002.	1.0	17
46	A Simple Method to Build Oversampled Filter Banks and Tight Frames. IEEE Transactions on Image Processing, 2007, 16, 2682-2687.	9.8	8
47	Evaluation of focus measures in multi-focus image fusion. Pattern Recognition Letters, 2007, 28, 493-500.	4.2	482
48	Multi-focus image fusion using pulse coupled neural network. Pattern Recognition Letters, 2007, 28, 1123-1132.	4.2	175
49	Unscented fuzzy-controlled current statistic model and adaptive filtering for tracking maneuvering targets. Communications in Nonlinear Science and Numerical Simulation, 2006, 11, 961-972.	3.3	5
50	Neural network-based state fusion and adaptive tracking for maneuvering targets. Communications in Nonlinear Science and Numerical Simulation, 2005, 10, 395-410.	3.3	7
51	Improved Current Statistic Model and Adaptive Filtering. , 2005, , 255.		0