

Dr VPS Naidu

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

864
citations

1307594

7
h-index

713466

21
g-index

44
all docs

44
docs citations

44
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	Pixel-level Image Fusion using Wavelets and Principal Component Analysis. Defence Science Journal, 2008, 58, 338-352.	0.8	311
2	Image Fusion Technique using Multi-resolution Singular Value Decomposition. Defence Science Journal, 2011, 61, 479.	0.8	239
3	Survey on UAV navigation in GPS denied environments. , 2016, , .		104
4	Hybrid DDCT-PCA based multi sensor image fusion. Journal of Optics (India), 2014, 43, 48-61.	1.7	48
5	Sense and avoid technology in unmanned aerial vehicles: A review. , 2017, , .		20
6	Evaluation of Data Association and Fusion Algorithms for Tracking in the Presence of Measurement Loss. , 2003, , .		17
7	Multi-resolution image fusion by FFT. , 2011, , .		17
8	Three Model IMM-EKF for Tracking Targets Executing Evasive Maneuvers. , 2007, , .		16
9	Fusion of Radar and IRST Sensor Measurements for 3D Target Tracking using Extended Kalman Filter. Defence Science Journal, 2009, 59, 175-182.	0.8	13
10	Mahalanobis-ANOVA criterion for optimum feature subset selection in multi-class planetary gear fault diagnosis. JVC/Journal of Vibration and Control, 2022, 28, 3257-3268.	2.6	10
11	Application of vision based techniques for UAV position estimation. , 2016, , .		9
12	Target geo-localization based on camera vision simulation of UAV. Journal of Optics (India), 2017, 46, 425-435.	1.7	9
13	Bearing Health Condition Monitoring: Wavelet Decomposition. Indian Journal of Science and Technology, 2015, 8, .	0.7	8
14	Multi focus image fusion using the measure of focus. Journal of Optics (India), 2012, 41, 117-125.	1.7	5
15	Data Fusion for Identity Estimation and Tracking of Centroid using Imaging Sensor Data. Defence Science Journal, 2007, 57, 639-652.	0.8	5
16	Design and development of LabVIEW based environmental test chamber controller. , 2017, , .		4
17	Time-variant power spectral analysis of heart-rate time series by autoregressive moving average (ARMA) method. Sadhana - Academy Proceedings in Engineering Sciences, 2003, 28, 1027-1035.	1.3	3
18	Autoregressive (AR) based power spectral analysis of heart rate time series signal (HRTS signal). , 0, , .		3

#	ARTICLE	IF	CITATIONS
19	Gearbox Health Condition Monitoring Using DWT Features. Lecture Notes in Mechanical Engineering, 2021, , 361-374.	0.4	3
20	Challenges in Engine Health Monitoring Instrumentation During Developmental Testing of Gas Turbine Engines. Lecture Notes in Mechanical Engineering, 2021, , 275-295.	0.4	3
21	Bispectrum Analysis of Phase Locking in the Heart Rate Time Series Signal. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2002, 19, 377-380.	3.2	2
22	Performance Evaluation of Interacting Multiple Model Kalman Filter. IETE Journal of Education Online, 2008, 49, 95-108.	0.6	2
23	Experimental study with enhanced Vision System prototype unit. , 2011, , .		2
24	Target Tracking with Multi Acoustic Array Sensors Data. Defence Science Journal, 2007, 57, 289-303.	0.8	2
25	Estimation of Launch and Impact Points of a Flight Trajectory using U-D Kalman Filter/Smoother. Defence Science Journal, 2006, 56, .	0.8	2
26	Time-frequency analysis of heart rate time series. , 0, , .		1
27	Performance Evaluation of Interacting Multiple Model Kalman Filter. IETE Journal of Education Online, 2008, 49, 95-108.	0.6	1
28	Maneuvering Target Tracking using Fusion of Radar and IRST Sensor Measurements. IETE Journal of Education Online, 2010, 51, 91-111.	0.6	1
29	Aircraft Altitude Estimation Using Un-calibrated Onboard Cameras. Journal of the Institution of Engineers (India): Series C, 2012, 93, 287-295.	1.2	1
30	Six Object Tracking Algorithms: A Comparative Study. Indian Journal of Science and Technology, 2016, 9, .	0.7	1
31	Multi-spectrum-based enhanced synthetic vision system for aircraft DVE operations. , 2016, , .		1
32	Exploration of an unconventional validation tool to investigate aero engine transonic fan flutter signature. International Journal of Turbo and Jet Engines, 2024, 40, s155-s168.	0.7	1
33	Time-Frequency Distribution of HRV Signal by Wigner-Ville Spectral Analysis in MI Patients. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2001, 18, 361-364.	3.2	0
34	Target Location and Identity Estimation and Fusion using Disparate Sensor Data. , 2005, , .		0
35	Decentralized Multi Passive Sensor System for 3D Target Tracking. , 2008, , .		0
36	Evaluation of Acceleration and Jerk Models in Radar and IRST Data Fusion for Tracking Evasive Maneuvering Target. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
37	Synthetic aerial image generation for miniature aerial system. , 2015, , .		0
38	MAS simulator: A laboratory set up. , 2015, , .		0
39	A pattern recognition approach for identification of transducer-structure debonding using Lamb waves. , 2016, , .		0
40	Multi-Sensor Image Fusion Using Discrete Cosine Transform. , 2016, , 83-97.		0
41	Sensor network performance and reliability evaluation algorithms. , 2017, , .		0
42	Damage identification in plate and shell structures by trilateration method using Lamb waves. Proceedings of SPIE, 2017, , .	0.8	0
43	Geo-Localization of Target in 3-Dimensional Coordinate Using SRTM Data. Journal of the Institution of Engineers (India): Series B, 2019, 100, 53-60.	1.9	0
44	Image Fusion for Enhanced Vision System using Laplacian Pyramid. International Journal of Engineering Research & Technology, 2015, V4, .	0.2	0