Dr VPS Naidu

List of Publications by Year
in descending order

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	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
2	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
3	Gearbox Health Condition Monitoring Using DWT Features. Lecture Notes in Mechanical Engineering, 2021, , 361-374.	0.4	3
4	Challenges in Engine Health Monitoring Instrumentation During Developmental Testing of Gas Turbine Engines. Lecture Notes in Mechanical Engineering, 2021, , 275-295.	0.4	3
5	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
6	Target geo-localization based on camera vision simulation of UAV. Journal of Optics (India), 2017, 46, 425-435.	1.7	9
7	Sensor network performance and reliability evaluation algorithms. , 2017, , .		0
8	Damage identification in plate and shell structures by trilateration method using Lamb waves. Proceedings of SPIE, 2017, , .	0.8	0
9	Design and development of LabVIEW based environmental test chamber controller. , 2017, , .		4
10	Sense and avoid technology in unmanned aerial vehicles: A review. , 2017, , .		20
11	Six Object Tracking Algorithms: A Comparative Study. Indian Journal of Science and Technology, 2016, 9, .	0.7	1
12	Application of vision based techniques for UAV position estimation. , 2016, , .		9
13	A pattern recognition approach for identification of transducer-structure debonding using Lamb waves. , 2016, , .		0
14	Multi-Sensor Image Fusion Using Discrete Cosine Transform. , 2016, , 83-97.		0
15	Survey on UAV navigation in GPS denied environments. , 2016, , .		104
16	Multi-spectrum-based enhanced synthetic vision system for aircraft DVE operations. , 2016, , .		1
17	Synthetic aerial image generation for miniature aerial system. , 2015, , .		0
18	MAS simulator: A laboratory set up. , 2015, , .		0

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19	Bearing Health Condition Monitoring: Wavelet Decomposition. Indian Journal of Science and Technology, 2015, 8, .	0.7	8
20	Image Fusion for Enhanced Vision System using Laplacian Pyramid. International Journal of Engineering Research & Technology, 2015, V4, .	0.2	0
21	Hybrid DDCT-PCA based multi sensor image fusion. Journal of Optics (India), 2014, 43, 48-61.	1.7	48
22	Aircraft Altitude Estimation Using Un-calibrated Onboard Cameras. Journal of the Institution of Engineers (India): Series C, 2012, 93, 287-295.	1.2	1
23	Multi focus image fusion using the measure of focus. Journal of Optics (India), 2012, 41, 117-125.	1.7	5
24	Multi-resolution image fusion by FFT. , 2011, , .		17
25	Experimental study with enhanced Vision System prototype unit. , 2011, , .		2
26	Image Fusion Technique using Multi-resolution Singular Value Decomposition. Defence Science Journal, 2011, 61, 479.	0.8	239
27	Maneuvering Target Tracking using Fusion of Radar and IRST Sensor Measurements. IETE Journal of Education Online, 2010, 51, 91-111.	0.6	1
28	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
29	Decentralized Multi Passive Sensor System for 3D Target Tracking. , 2008, , .		0
30	Evaluation of Acceleration and Jerk Models in Radar and IRST Data Fusion for Tracking Evasive Maneuvering Target. , 2008, , .		0
31	Performance Evaluation of Interacting Multiple Model Kalman Filter. IETE Journal of Education Online, 2008, 49, 95-108.	0.6	1
32	Performance Evaluation of Interacting Multiple Model Kalman Filter. IETE Journal of Education Online, 2008, 49, 95-108.	0.6	2
33	Pixel-level Image Fusion using Wavelets and Principal Component Analysis. Defence Science Journal, 2008, 58, 338-352.	0.8	311
34	Three Model IMM-EKF for Tracking Targets Executing Evasive Maneuvers. , 2007, , .		16
35	Target Tracking with Multi Acoustic Array Sensors Data. Defence Science Journal, 2007, 57, 289-303.	0.8	2
36	Data Fusion for Identity Estimation and Tracking of Centroidusing Imaging Sensor Data. Defence Science Journal, 2007, 57, 639-652.	0.8	5

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37	Estimation of Launch and Impact Points of a Flight Trajectory using U-D Kalman Filter/Smoother. Defence Science Journal, 2006, 56, .	0.8	2
38	Target Location and Identity Estimation and Fusion using Disparate Sensor Data. , 2005, , .		0
39	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
40	Evaluation of Data Association and Fusion Algorithms for Tracking in the Presence of Measurement Loss. , 2003, , .		17
41	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
42	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
43	Autoregressive (AR) based power spectral analysis of heart rate time series signal (HRTS signal). , 0, , .		3
44	Time-frequency analysis of heart rate time series. , 0, , .		1