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Active Fire Detection for Fire Emergency Management: Potential and Limitations for the Operational Use of Remote Sensing

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#	Paper	IF	Citations
83	Measurement of forest fire parameters with multi-spectral imaging in the medium infrared. <i>Quantitative InfraRed Thermography Journal</i> , 2006 , 3, 183-199	1.1	11
82	Assessment and Prediction of Natural Hazards from Satellite Imagery. <i>Progress in Physical Geography</i> , 2007 , 31, 459-470	3.5	67
81	Handbook Of Operations Research In Natural Resources. 2007,		28
80	A Multi-temporal Robust Satellite Technique (RST) for Forest Fire Detection. 2007,		16
79	Evaluating forest management practices using a GIS-based cellular automata modeling approach with multispectral imagery. <i>Environmental Modeling and Assessment</i> , 2007 , 12, 105-118	2	14
78	Computer vision techniques for forest fire perception. <i>Image and Vision Computing</i> , 2008 , 26, 550-562	3.7	93
77	A Low-Cost Microwave Radiometer for the Detection of Fire in Forest Environments. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008 , 46, 2632-2643	8.1	23
76	Optimal management of a flammable multi-stand forest for timber production and maintenance of nesting sites for wildlife. <i>Forest Ecology and Management</i> , 2008 , 255, 3857-3865	3.9	17
75	Dynamic fire modeling in Three-dimensional space. 2008,		1
75 74	Dynamic fire modeling in Three-dimensional space. 2008, . 2009,		25
		2.7	
74	. 2009, Spatial pattern analysis of fire events in Central India 🖺 case study. <i>Geocarto International</i> , 2009,	2.7	25
74 73	. 2009, Spatial pattern analysis of fire events in Central India IA case study. <i>Geocarto International</i> , 2009, 24, 115-131 SITHON: A Wireless Network of in Situ Optical Cameras Applied to the Early		25
74 73 72	. 2009, Spatial pattern analysis of fire events in Central India IA case study. <i>Geocarto International</i> , 2009, 24, 115-131 SITHON: A Wireless Network of in Situ Optical Cameras Applied to the Early Detection-Notification-Monitoring of Forest Fires. <i>Sensors</i> , 2009, 9, 4465-82 SITHON: An Airborne Fire Detection System Compliant with Operational Tactical Requirements.	3.8	25 6 7
74 73 7 ² 7 ¹	. 2009, Spatial pattern analysis of fire events in Central India IA case study. <i>Geocarto International</i> , 2009, 24, 115-131 SITHON: A Wireless Network of in Situ Optical Cameras Applied to the Early Detection-Notification-Monitoring of Forest Fires. <i>Sensors</i> , 2009, 9, 4465-82 SITHON: An Airborne Fire Detection System Compliant with Operational Tactical Requirements. <i>Sensors</i> , 2009, 9, 1204-20 Characterization of the July 2007 Swaziland fire disaster using satellite remote sensing and GIS.	3.8	25 6 7 8
74 73 72 71 70	. 2009, Spatial pattern analysis of fire events in Central India IA case study. <i>Geocarto International</i> , 2009, 24, 115-131 SITHON: A Wireless Network of in Situ Optical Cameras Applied to the Early Detection-Notification-Monitoring of Forest Fires. <i>Sensors</i> , 2009, 9, 4465-82 SITHON: An Airborne Fire Detection System Compliant with Operational Tactical Requirements. <i>Sensors</i> , 2009, 9, 1204-20 Characterization of the July 2007 Swaziland fire disaster using satellite remote sensing and GIS. <i>Applied Geography</i> , 2009, 29, 299-307	3.8 3.8 4.4	25 6 7 8

66	Correcting the Fire Scar Perimeter of a 1983 Wildfire Using USGS-Archived Landsat Satellite Data. <i>GIScience and Remote Sensing</i> , 2011 , 48, 600-613	4.8	8
65	Automatic forest-fire measuring using ground stations and Unmanned Aerial Systems. <i>Sensors</i> , 2011 , 11, 6328-53	3.8	63
64	MICROWAVE RADIOMETRY IMAGING FOR FOREST FIRE DETECTION: A SIMULATION STUDY. Progress in Electromagnetics Research, 2011 , 112, 77-92	3.8	9
63	Self-Autonomous Wireless Sensor Nodes With Wind Energy Harvesting for Remote Sensing of Wind-Driven Wildfire Spread. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2011 , 60, 1367-13	37 ⁵ 7 ²	87
62	Spherical coordinates framed RGB color space dichromatic reflection model based image segmentation: Application to wildland fires' outlines extraction. 2012 ,		1
61	Comprehensive Monitoring of Wildfires in Europe: The European Forest Fire Information System (EFFIS). 2012 ,		65
60	Use of Remote Sensing in Wildfire Management. 2012 ,		18
59	An Unmanned Aircraft System for Automatic Forest Fire Monitoring and Measurement. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2012 , 65, 533-548	2.9	224
58	Encyclopedia of Natural Hazards. Encyclopedia of Earth Sciences Series, 2013, 1091-1096	О	1
57	Encyclopedia of Natural Hazards. Encyclopedia of Earth Sciences Series, 2013, 1096-1097	О	
56	Early forest fire detection using dual mid-wave and long-wave infrared cameras. 2013,		
55	Forest Fire Smoke Detection Using Back-Propagation Neural Network Based on MODIS Data. <i>Remote Sensing</i> , 2015 , 7, 4473-4498	5	35
54	The OFIDIA Fire Danger Rating System. 2015 ,		1
53	Fire Emissivity Detection by a Microwave Radiometer. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015 , 12, 2306-2310	4.1	1
52	Evaluation of a Wireless Sensor Network with Low Cost and Low Energy Consumption for Fire Detection and Monitoring. <i>Fire Technology</i> , 2015 , 51, 971-993	3	20
51	Cooperative Unmanned Aerial Systems for Fire Detection, Monitoring, and Extinguishing. 2015 , 2693-2	722	33
50	Analysis of Metals and Surface Modification of Leaves for the Evaluation of Forest Fires Started by Electrical Discharge. <i>Journal of Environmental Analytical Chemistry</i> , 2016 , 3,		
49	Development of a Multi-Spatial Resolution Approach to the Surveillance of Active Fire Lines Using Himawari-8. <i>Remote Sensing</i> , 2016 , 8, 932	5	32

48	Home based Fire Monitoring and warning system. 2016,		12
47	Wildfire smoke detection based on co-occurrence matrix and dynamic feature. 2016,		3
46	Influences on stakeholder support for a wildfire early warning system in a UK protected area. <i>Environmental Hazards</i> , 2016 , 15, 327-342	4.2	1
45	Satellite image collection modeling for large area hazard emergency response. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016 , 118, 13-21	11.8	16
44	RST-FIRES, an exportable algorithm for early-fire detection and monitoring: description, implementation, and field validation in the case of the MSG-SEVIRI sensor. <i>Remote Sensing of Environment</i> , 2016 , 186, 196-216	13.2	15
43	RST-FIRES, an exportable algorithm for early-fire detection and monitoring: Description, implementation, and field validation in the case of the MSG-SEVIRI sensor. <i>Remote Sensing of Environment</i> , 2017 , 192, e2-e25	13.2	15
42	DroneAlert: Autonomous Drones for Emergency Response. 2017 , 303-321		1
41	. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017 , 10, 3297-3313	4.7	9
40	On the use of radiance domain for burn scar detection under varying atmospheric illumination conditions and viewing geometry. <i>Signal, Image and Video Processing</i> , 2017 , 11, 605-612	1.6	16
39	Multi-Technology Positioning. 2017 ,		3
38	The progress of operational forest fire monitoring with infrared remote sensing. <i>Journal of Forestry Research</i> , 2017 , 28, 215-229	2	39
37	Forest Fire Information System Using Wireless Sensor Network. <i>International Journal of Agricultural and Environmental Information Systems</i> , 2017 , 8, 52-67	1.2	5
36	A system to detect potential fires using a thermographic camera. <i>Natural Hazards</i> , 2018 , 92, 511-523	3	O
35	Investigation into the tempo-spatial distribution of recent fire hazards in China. <i>Natural Hazards</i> , 2018 , 92, 1889-1907	3	6
34	A human-like visual-attention-based artificial vision system for wildland firefighting assistance.	4.9	11
	Applied Intelligence, 2018 , 48, 2157-2179	1 J	
33	Applied Intelligence, 2018, 48, 2157-2179 Smart Fire Safety System in a Building. 2018,		
33		2.6	6

(2021-2020)

30	Recent Advances in Fire Detection and Monitoring Systems: A Review. <i>Smart Innovation, Systems and Technologies</i> , 2020 , 332-340	0.5	1
29	Forest fire flame and smoke detection from UAV-captured images using fire-specific color features and multi-color space local binary pattern. <i>Journal of Unmanned Vehicle Systems</i> , 2020 , 8, 285-309	2.7	15
28	Characterization of Background Temperature Dynamics of a Multitemporal Satellite Scene through Data Assimilation for Wildfire Detection. <i>Remote Sensing</i> , 2020 , 12, 1661	5	0
27	Reflection Measurement of Fire Over Microwave Band: A Promising Active Method for Forest Fire Detection. <i>IEEE Sensors Journal</i> , 2021 , 21, 2891-2898	4	2
26	Mapping the research history, collaborations and trends of remote sensing in fire ecology. <i>Scientometrics</i> , 2021 , 126, 1359-1388	3	0
25	A Distributed Artificial Intelligence Framework to Evolve Infrastructure Resilience in Telecommunications Sector. <i>Advances in Intelligent Systems and Computing</i> , 2021 , 774-784	0.4	1
24	The smokescreen of Russian protected areas. Science of the Total Environment, 2021, 785, 147372	10.2	1
23	Forest Fire Management. 2007 , 489-509		17
22	A Statistical Approach to Human-Like Visual Attention and Saliency Detection for Robot Vision: Application to Wildland Fires Detection. <i>Communications in Computer and Information Science</i> , 2014 , 124-135	0.3	3
21	Debris Flow Generation in Burned Catchments. 2017 , 643-650		1
20	A Mobile-Sensor Fire Prevention System Based on the Internet of Things. <i>Lecture Notes in Computer Science</i> , 2017 , 274-283	0.9	2
19	Limiting the Immediate and Subsequent Hazards Associated with Wildfires. 2013 , 199-209		4
18	An Unmanned Aircraft System for Automatic Forest Fire Monitoring and Measurement. 2011 , 533-548		9
17	Forestry applications. 2008 , 439-465		9
16	6. Remote Sensing Techniques for Forest Fire Disaster Management: The FireHub Operational Platform. 2016 , 157-188		1
15	Forest Fire Information System Using Wireless Sensor Network. 2019 , 894-911		4
14	Acceptability Evaluation of a Developed Thermal Infrared Device for Fire Risk Management. <i>International Journal of Sociotechnology and Knowledge Development</i> , 2020 , 12, 1-25	0.4	4
13	Optimization of the distance-constrained multi-based multi-UAV routing problem with simulated annealing and local search-based matheuristic to detect forest fires: The case of Turkey. <i>Applied Soft Computing Journal</i> , 2021 , 108015	7.5	0

12	Forest fire action on vegetation from the perspective of trend analysis in future climate change scenarios for a Brazilian savanna region. <i>Ecological Engineering</i> , 2022 , 175, 106488	3.9	2
11	Supervised Machine Learning Approaches on Multispectral Remote Sensing Data for a Combined Detection of Fire and Burned Area. <i>Remote Sensing</i> , 2022 , 14, 657	5	1
10	The Artificial Intelligence Platform with the Use of DNN to Detect Flames: A Case of Acoustic Extinguisher. <i>Lecture Notes in Networks and Systems</i> , 2022 , 24-34	0.5	О
9	Fire-Net: A Deep Learning Framework for Active Forest Fire Detection. <i>Journal of Sensors</i> , 2022 , 2022, 1-14	2	5
8	Hybrid models based on deep learning neural network and optimization algorithms for the spatial prediction of tropical forest fire susceptibility in Nghe An province, Vietnam. <i>Geocarto International</i> , 1-25	2.7	1
7	GOES-R Time Series for Early Detection of Wildfires with Deep GRU-Network. 2022 , 14, 4347		О
6	Towards a whole-system framework for wildfire monitoring using Earth observations.		1
5	MONITORING OF FIRES AND ASSESSMENT OF CHANGES IN THE STATE OF NATURE-PROTECTED TERRITORIES OF UKRAINE AS A RESULT OF MILITARY OPERATIONS. 2022 ,		О
4	Distributed optical fiber sensor temperature dynamic correction method based on building fire temperature-time curve. 2023 , 68, 106050		0
3	DETECTION OF THERMAL ANOMALIES AS A RESULT OF MILITARY ACTIONS IN UKRAINE BY REMOTE SENSING METHODS. 2022 ,		О
2	A satellite imagery smoke detection framework based on the Mahalanobis distance for early fire identification and positioning. 2023 , 118, 103257		0
1	Duration time detection of Forest Fire by Advanced HIMAWARI-8 Imager (AHI) for Indonesian peat fires in 2015 2022 , 61, 66-79		О