

Yiannis Kompatsiaris

List of Publications by Year in descending order

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526
papers

8,710
citations

61945

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85498

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558
all docs

558
docs citations

558
times ranked

7483
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal Fusion of Sentinel 1 Images and Social Media Data for Snow Depth Estimation. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	6
2	Earthquakes: From Twitter Detection to EO Data Processing. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	0
3	A Semantic Technologies Toolkit for Bridging Early Diagnosis and Treatment in Brain Diseases: Report from the Ongoing EU-Funded Research Project ALAMEDA. Communications in Computer and Information Science, 2022, , 349-354.	0.4	4
4	Parallel DBSCAN-Martingale Estimation of the Number of Concepts for Automatic Satellite Image Clustering. Lecture Notes in Computer Science, 2022, , 95-106.	1.0	0
5	p2pGNN: A Decentralized Graph Neural Network for Node Classification in Peer-to-Peer Networks. IEEE Access, 2022, 10, 34755-34765.	2.6	6
6	Human Activity Recognition with IMU and Vital Signs Feature Fusion. Lecture Notes in Computer Science, 2022, , 287-298.	1.0	0
7	A Review of Multisensor Data Fusion Solutions in Smart Manufacturing: Systems and Trends. Sensors, 2022, 22, 1734.	2.1	19
8	Flood Hazard and Risk Mapping by Applying an Explainable Machine Learning Framework Using Satellite Imagery and GIS Data. Sustainability, 2022, 14, 3251.	1.6	24
9	Exploring Network Properties Across Preclinical Stages of Alzheimer's Disease Using a Visual Short-Term Memory and Attention Task with High-Density Electroencephalography: A Brain-Connectome Neurophysiological Study. Journal of Alzheimer's Disease, 2022, 87, 643-664.	1.2	4
10	MeVer NetworkX: Network Analysis and Visualization for Tracing Disinformation. Future Internet, 2022, 14, 147.	2.4	3
11	A Review of Collaborative Virtual Reality Systems for the Architecture, Engineering, and Construction Industry. Architecture, 2022, 2, 476-496.	0.6	13
12	First-person activity recognition from micro-action representations using convolutional neural networks and object flow histograms. Multimedia Tools and Applications, 2021, 80, 22487-22507.	2.6	0
13	Semantically Enriched Crop Type Classification and Linked Earth Observation Data to Support the Common Agricultural Policy Monitoring. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 529-552.	2.3	13
14	A Multimodal Tensor-Based Late Fusion Approach for Satellite Image Search in Sentinel 2 Images. Lecture Notes in Computer Science, 2021, , 294-306.	1.0	2
15	Covariation Informed Graph Slepians for Motor Imagery Decoding. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 340-349.	2.7	11
16	Applying Fairness Constraints on Graph Node Ranks Under Personalization Bias. Studies in Computational Intelligence, 2021, , 610-622.	0.7	2
17	The AI4Media Project: Use of Next-Generation Artificial Intelligence Technologies for Media Sector Applications. IFIP Advances in Information and Communication Technology, 2021, , 81-93.	0.5	3
18	EPANASTASIS-1821: Designing an Immersive Virtual Museum for the Revival of Historical Events of the Greek Revolution. Lecture Notes in Computer Science, 2021, , 334-345.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Geographic citizen science in citizenâ€“government communication and collaboration: , 2021, , 186-206.		2
20	Combining RSSI and Accelerometer Features for Room-Level Localization. Sensors, 2021, 21, 2723.	2.1	4
21	Wearable Devices for Assessing Function in Alzheimer's Disease: A European Public Involvement Activity About the Features and Preferences of Patients and Caregivers. Frontiers in Aging Neuroscience, 2021, 13, 643135.	1.7	22
22	Remote monitoring technologies in Alzheimerâ€™s disease: design of the RADAR-AD study. Alzheimer's Research and Therapy, 2021, 13, 89.	3.0	28
23	A social media analytics platform visualising the spread of COVID-19 in Italy via exploitation of automatically geotagged tweets. Online Social Networks and Media, 2021, 23, 100134.	2.3	25
24	Unlocking the Subconscious Consumer Bias: A Survey on the Past, Present, and Future of Hybrid EEG Schemes in Neuromarketing. Frontiers in Neuroergonomics, 2021, 2, .	0.6	13
25	Human Factors and Requirements of People with Cognitive Impairment, Their Caregivers, and Healthcare Professionals for mHealth Apps Including Reminders, Games, and Geolocation Tracking: A Survey-Questionnaire Study. Journal of Alzheimer's Disease Reports, 2021, 5, 497-513.	1.2	3
26	Operation-wise Attention Network for Tampering Localization Fusion. , 2021, , .		2
27	Products-6K: A Large-Scale Groceries Product Recognition Dataset. , 2021, , .		5
28	Holistic Requirements Analysis for Specifying New Systems for 3D Media Production and Promotion. Sustainability, 2021, 13, 8155.	1.6	1
29	Change Point Detection in Terrorism-Related Online Content Using Deep Learning Derived Indicators. Information (Switzerland), 2021, 12, 274.	1.7	10
30	Leveraging EfficientNet and Contrastive Learning for Accurate Global-scale Location Estimation. , 2021, , .		6
31	Smart Interconnected Infrastructures for Security and Protection: The DESMOS Project. Computers, 2021, 10, 116.	2.1	1
32	Detection of Health-Related Events and Behaviours from Wearable Sensor Lifestyle Data Using Symbolic Intelligence: A Proof-of-Concept Application in the Care of Multiple Sclerosis. Sensors, 2021, 21, 6230.	2.1	8
33	Fusion of Multimodal Sensor Data for Effective Human Action Recognition in the Service of Medical Platforms. Lecture Notes in Computer Science, 2021, , 367-378.	1.0	3
34	A graph-theoretic sensor-selection scheme for covariance-based Motor Imagery (MI) decoding. , 2021, , .		4
35	Localization module for missing child scenario in IoT safety domains. , 2021, , .		0
36	The Backbone of Decision Support Systems. , 2021, , 25-47.		0

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37	Semantic Web and IoT. Studies in Computational Intelligence, 2021, , 3-33.	0.7	1
38	Heavy-Tailed Self-Similarity Modeling for Single Image Super Resolution. IEEE Transactions on Image Processing, 2021, 30, 838-852.	6.0	10
39	Audio-based Near-Duplicate Video Retrieval with Audio Similarity Learning. , 2021, , .		5
40	RSSI Fingerprinting Techniques for Indoor Localization Datasets. Advances in Intelligent Systems and Computing, 2021, , 468-479.	0.5	4
41	eHealth4MS: Problem Detection from Wearable Activity Trackers to Support the Care of Multiple Sclerosis. Advances in Intelligent Systems and Computing, 2021, , 3-12.	0.5	3
42	Decision support system for flood risk reduction policies: The case of a flood protection measure in the area of Vicenza. Data & Policy, 2021, 3, .	1.0	3
43	Multimodal Data Fusion of Social Media and Satellite Images for Emergency Response and Decision-Making. , 2021, , .		3
44	Adaptation and Validation of the Memory Alteration Test (M@T) in Greek Middle-Aged, Older, and Older-Old Population with Subjective Cognitive Decline and Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2021, 84, 1-14.	1.2	2
45	Random-Walk Graph Embeddings and the Influence of Edge Weighting Strategies in Community Detection Tasks. , 2021, , .		1
46	The ACTIVAGE Marketplace: Hybrid Logic- and Text-Based Discovery of Active and Healthy Ageing IoT Applications. Advances in Intelligent Systems and Computing, 2021, , 24-33.	0.5	0
47	Fourier Transform vs. Graph Fourier Transform for EEG-Based Emotion Recognition. IFMBE Proceedings, 2021, , 574-582.	0.2	0
48	Corrections to "Robust Motor Imagery Classification Using Sparse Representations and Grouping Structures". IEEE Access, 2021, 9, 150213-150213.	2.6	0
49	Sparse Graph-based Representations of SSVEP Responses Under the Variational Bayesian Framework. , 2021, , .		3
50	Semantic event fusion of computer vision and ambient sensor data for activity recognition to support dementia care. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 3057-3072.	3.3	10
51	Converness: Ontology-driven conversational awareness and context understanding in multimodal dialogue systems. Expert Systems, 2020, 37, e12378.	2.9	4
52	Boosted seed oversampling for local community ranking. Information Processing and Management, 2020, 57, 102053.	5.4	7
53	A Riemannian Geometry Approach to Reduced and Discriminative Covariance Estimation in Brain Computer Interfaces. IEEE Transactions on Biomedical Engineering, 2020, 67, 245-255.	2.5	17
54	LAVARNET: Neural network modeling of causal variable relationships for multivariate time series forecasting. Applied Soft Computing Journal, 2020, 96, 106685.	4.1	11

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55	A Novel Bayesian Approach for EEG Source Localization. Computational Intelligence and Neuroscience, 2020, 2020, 1-12.	1.1	6
56	A Gamified Augmented Reality Application for Digital Heritage and Tourism. Applied Sciences (Switzerland), 2020, 10, 7868.	1.3	43
57	Evidence-driven policy-making using heterogeneous data sourcesâ€”The case of a controlled parking system in Thessaloniki. Data & Policy, 2020, 2, .	1.0	3
58	Human Factors and Requirements of People with Mild Cognitive Impairment, their Caregivers and Healthcare Professionals for eHealth Systems with Wearable Trackers. , 2020, , .		1
59	Immerse: A Personalized System Addressing the Challenges of Migrant Integration. , 2020, , .		2
60	Wearable Sensors and Smartphone Apps as Pedometers in eHealth: a Comparative Accuracy, Reliability and User Evaluation. , 2020, , .		6
61	A Data Augmentation Scheme for Geometric Deep Learning in Personalized Brainâ€”Computer Interfaces. IEEE Access, 2020, 8, 162218-162229.	2.6	17
62	A Frenchâ€”Greek Cross-Site Comparison Study of the Use of Automatic Video Analyses for the Assessment of Autonomy in Dementia Patients. Biosensors, 2020, 10, 103.	2.3	7
63	colMOOC â€” an Innovative Conversational Agent Platform to Support MOOCs A Technical Evaluation. , 2020, , .		2
64	Unsupervised evaluation of multiple node ranks by reconstructing local structures. Applied Network Science, 2020, 5, .	0.8	1
65	IoT Wearable Sensors and Devices in Elderly Care: A Literature Review. Sensors, 2020, 20, 2826.	2.1	160
66	A complex-valued functional brain connectivity descriptor amenable to Riemannian geometry. Journal of Neural Engineering, 2020, 17, 024001.	1.8	3
67	A Novel Connectome-based Electrophysiological Study of Subjective Cognitive Decline Related to Alzheimerâ€™s Disease by Using Resting-state High-density EEG EGI GEŠ 300. Brain Sciences, 2020, 10, 392.	1.1	17
68	GAP: Geometric Aggregation of Popularity Metrics. Information (Switzerland), 2020, 11, 323.	1.7	1
69	Bias in dataâ€”driven artificial intelligence systemsâ€”An introductory survey. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2020, 10, e1356.	4.6	265
70	LinkAUC: Unsupervised Evaluation of Multiple Network Node Ranks Using Link Prediction. Studies in Computational Intelligence, 2020, , 3-14.	0.7	1
71	Real-Time Recognition of Daily Actions Based on 3D Joint Movements and Fisher Encoding. Lecture Notes in Computer Science, 2020, , 601-613.	1.0	3
72	VERGE in VBS 2020. Lecture Notes in Computer Science, 2020, , 778-783.	1.0	3

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73	Knowledge-Based Management and Reasoning on Cultural and Natural Touristic Routes. IFIP Advances in Information and Communication Technology, 2020, , 355-367.	0.5	1
74	Towards Semantic Detection of Smells in Cloud Infrastructure Code. , 2020, , .		16
75	An Extensible Framework for Interactive Real-Time Visualizations of Large-Scale Heterogeneous Multimedia Information from Online Sources. Lecture Notes in Computer Science, 2020, , 424-435.	1.0	1
76	Model-Based and Class-Based Fusion of Multisensor Data. Lecture Notes in Computer Science, 2020, , 614-625.	1.0	1
77	Knowledge-Based Fusion for Image Tampering Localization. IFIP Advances in Information and Communication Technology, 2020, , 177-188.	0.5	3
78	User Identity Linkage in Social Media Using Linguistic and Social Interaction Features. , 2020, , .		6
79	A Crowd Analysis Framework for Detecting Violence Scenes. , 2020, , .		11
80	i-CHANGE: A Platform for Managing Dockless Bike Sharing Systems. Lecture Notes in Computer Science, 2020, , 851-867.	1.0	0
81	Robust Motor Imagery Classification Using Sparse Representations and Grouping Structures. IEEE Access, 2020, 8, 98572-98583.	2.6	10
82	Multimodal Social Media Mining. , 2020, , .		1
83	A Novel Regression-based Algorithm for the recognition of SSVEP responses. , 2020, , .		0
84	Stopping Personalized PageRank without an Error Tolerance Parameter. , 2020, , .		0
85	Is brain connectome research the future frontier for subjective cognitive decline? A systematic review. Clinical Neurophysiology, 2019, 130, 1762-1780.	0.7	25
86	Oil Spill Identification from Satellite Images Using Deep Neural Networks. Remote Sensing, 2019, 11, 1762.	1.8	120
87	Long-Term Impact of Intelligent Monitoring Technology on People with Cognitive Impairment: An Observational Study. Journal of Alzheimer's Disease, 2019, 70, 757-792.	1.2	23
88	Using Discriminative Lasso to Detect a Graph Fourier Transform (GFT) Subspace for robust decoding in Motor Imagery BCI. , 2019, 2019, 6167-6171.		3
89	Social media monitoring tools for air quality accounts. , 2019, , .		2
90	Smart Discovery of Cultural and Natural Tourist Routes. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
91	On the Talent vs. Luck-Based Evaluation of the Classification Process. IEEE Access, 2019, 7, 37565-37574.	2.6	1
92	Smart Interconnected Infrastructure for Security and Safety in Public Places. , 2019, , .		4
93	VisDrone-DET2018: The Vision Meets Drone Object Detection in Image Challenge Results. Lecture Notes in Computer Science, 2019, , 437-468.	1.0	23
94	VisDrone-SOT2018: The Vision Meets Drone Single-Object Tracking Challenge Results. Lecture Notes in Computer Science, 2019, , 469-495.	1.0	18
95	A smart dialogue-competent monitoring framework supporting people in rehabilitation. , 2019, , .		3
96	FIVR: Fine-Grained Incident Video Retrieval. IEEE Transactions on Multimedia, 2019, 21, 2638-2652.	5.2	40
97	A corpus of debunked and verified user-generated videos. Online Information Review, 2019, 43, 72-88.	2.2	25
98	Probabilistic density-based estimation of the number of clusters using the DBSCAN-martingale process. Pattern Recognition Letters, 2019, 123, 23-30.	2.6	7
99	VisDrone-VDT2018: The Vision Meets Drone Video Detection and Tracking Challenge Results. Lecture Notes in Computer Science, 2019, , 496-518.	1.0	32
100	Motor Imagery Classification via Clustered-Group Sparse Representation. , 2019, , .		4
101	Internet of Things Infrastructure for Security and Safety in Public Places. Information (Switzerland), 2019, 10, 333.	1.7	7
102	Discrimination of SSVEP responses using a kernel based approach. , 2019, 2019, 762-766.		0
103	A Novel Compressive Sensing Scheme under the Variational Bayesian Framework. , 2019, , .		6
104	A Context-Aware Conversational Agent in the Rehabilitation Domain. Future Internet, 2019, 11, 231.	2.4	11
105	Sparse EEG Source Localization Under the Variational Bayesian Framework. , 2019, , .		0
106	Detecting Tampered Videos with Multimedia Forensics and Deep Learning. Lecture Notes in Computer Science, 2019, , 374-386.	1.0	16
107	3D ResNets for 3D Object Classification. Lecture Notes in Computer Science, 2019, , 495-506.	1.0	1
108	A Bayesian Multiple Kernel Learning Algorithm for SSVEP BCI Detection. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1990-2001.	3.9	19

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109	Exploiting Images for Patent Search. Springer Handbooks, 2019, , 889-906.	0.3	2
110	VERGE in VBS 2019. Lecture Notes in Computer Science, 2019, , 602-608.	1.0	3
111	An Authoring Tool for Educators to Make Virtual Labs. Advances in Intelligent Systems and Computing, 2019, , 653-666.	0.5	4
112	Detecting Manipulations in Video. , 2019, , 161-189.		3
113	V4Ann: Representation and Interlinking of Atom-Based Annotations of Digital Content. Lecture Notes in Computer Science, 2019, , 124-139.	1.0	2
114	A Computer Vision System Supporting Blind People - The Supermarket Case. Lecture Notes in Computer Science, 2019, , 305-315.	1.0	4
115	ViSiL: Fine-Grained Spatio-Temporal Video Similarity Learning. , 2019, , .		40
116	Early Identification of Oil Spills in Satellite Images Using Deep CNNs. Lecture Notes in Computer Science, 2019, , 424-435.	1.0	15
117	Verification of Web Videos Through Analysis of Their Online Context. , 2019, , 191-221.		0
118	Autonomous Swarm of Heterogeneous Robots for Surveillance Operations. Lecture Notes in Computer Science, 2019, , 787-796.	1.0	3
119	Finding Semantically Related Videos in Closed Collections. , 2019, , 127-159.		0
120	Deep Learning Advances in Computer Vision with 3D Data. ACM Computing Surveys, 2018, 50, 1-38.	16.1	215
121	Multi-modal activity recognition from egocentric vision, semantic enrichment and lifelogging applications for the care of dementia. Journal of Visual Communication and Image Representation, 2018, 51, 169-190.	1.7	30
122	Dynamic texture recognition and localization in machine vision for outdoor environments. Computers in Industry, 2018, 98, 1-13.	5.7	7
123	Multiple Hierarchical Dirichlet Processes for anomaly detection in traffic. Computer Vision and Image Understanding, 2018, 169, 28-39.	3.0	20
124	Social Computing for Verifying Social Media Content in Breaking News. IEEE Internet Computing, 2018, 22, 83-89.	3.2	14
125	Sparse audio inpainting with variational Bayesian inference. , 2018, , .		6
126	Analysis of Suspended Terrorism-Related Content on Social Media. SpringerBriefs in Criminology, 2018, , 107-118.	0.2	2

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127	A Multimodal Approach for the Safeguarding and Transmission of Intangible Cultural Heritage: The Case of i-Treasures. IEEE Intelligent Systems, 2018, 33, 3-16.	4.0	53
128	Utilizing ambient and wearable sensors to monitor sleep and stress for people with BPSD in nursing homes. Journal of Ambient Intelligence and Humanized Computing, 2018, 9, 261-273.	3.3	23
129	Discriminative codewaves: a symbolic dynamics approach to SSVEP recognition for asynchronous BCI. Journal of Neural Engineering, 2018, 15, 026008.	1.8	9
130	Verifying information with multimedia content on twitter. Multimedia Tools and Applications, 2018, 77, 15545-15571.	2.6	46
131	A generalised differential sparsity measure for reconstructing compressively sampled signals. , 2018, 74, 14-29.		4
132	Detection and visualization of misleading content on Twitter. International Journal of Multimedia Information Retrieval, 2018, 7, 71-86.	3.6	95
133	Dependency modelling for inconsistency management in Digital Preservation “ The PERICLES approach. Information Systems Frontiers, 2018, 20, 7-19.	4.1	2
134	Exploiting the heightened phase synchrony in patients with neuromuscular disease for the establishment of efficient motor imagery BCIs. Journal of NeuroEngineering and Rehabilitation, 2018, 15, 90.	2.4	22
135	The Backbone of Decision Support Systems. International Journal of Information Systems for Crisis Response and Management, 2018, 10, 65-87.	0.7	1
136	V4Design for Enhancing Architecture and Video Game Creation. , 2018, , .		6
137	Twitter-Based Sensing of City-Level Air Quality. , 2018, , .		0
138	Adaptive Sensitive Reweighting to Mitigate Bias in Fairness-aware Classification. , 2018, , .		53
139	Fusion of Compound Queries with Multiple Modalities for Known Item Video Search. , 2018, , .		0
140	A Multimodal Analytics Platform for Journalists Analyzing Large-Scale, Heterogeneous Multilingual, and Multimedia Content. Frontiers in Robotics and AI, 2018, 5, 123.	2.0	2
141	Sparse Kernel Machines for motor imagery EEG classification. , 2018, 2018, 207-210.		5
142	Detection of Mental Task Related Activity in NIRS-BCI systems Using Dirichlet Energy over Graphs. , 2018, 2018, 85-88.		2
143	Activity Recognition from Wearable Cameras. , 2018, , .		2
144	Speed Estimation and Abnormality Detection from Surveillance Cameras. , 2018, , .		19

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145	Adaptive Focused Crawling Using Online Learning. Lecture Notes in Computer Science, 2018, , 40-53.	1.0	1
146	An error-aware gaze-based keyboard by means of a hybrid BCI system. Scientific Reports, 2018, 8, 13176.	1.6	22
147	A Deep Neural Network for Oil Spill Semantic Segmentation in Sar Images. , 2018, , .		23
148	People and Vehicles in Danger - A Fire and Flood Detection System in Social Media. , 2018, , .		17
149	A Hybrid Recommendation System Based on Density-Based Clustering. Lecture Notes in Computer Science, 2018, , 49-57.	1.0	1
150	Towards Improved Air Quality Monitoring Using Publicly Available Sky Images. , 2018, , 67-92.		5
151	Building and evaluating resources for sentiment analysis in the Greek language. Language Resources and Evaluation, 2018, 52, 1021-1044.	1.8	30
152	Single-Trial NIRS Data Classification for Brain-Computer Interfaces Using Graph Signal Processing. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 1700-1709.	2.7	27
153	EEG-Based Brain-Computer Interfaces for Communication and Rehabilitation of People with Motor Impairment: A Novel Approach of the 21st Century. Frontiers in Human Neuroscience, 2018, 12, 14.	1.0	213
154	hackAIR: Towards Raising Awareness about Air Quality in Europe by Developing a Collective Online Platform. ISPRS International Journal of Geo-Information, 2018, 7, 187.	1.4	32
155	Content-aware detection of JPEG grid inconsistencies for intuitive image forensics. Journal of Visual Communication and Image Representation, 2018, 54, 155-170.	1.7	41
156	A Probabilistic, Ontological Framework for Safeguarding the Intangible Cultural Heritage. Journal on Computing and Cultural Heritage, 2018, 11, 1-29.	1.2	13
157	Can a Novel High-Density EEG Approach Disentangle the Differences of Visual Event Related Potential (N170), Elicited by Negative Facial Stimuli, in People with Subjective Cognitive Impairment?. Journal of Alzheimer's Disease, 2018, 65, 543-575.	1.2	14
158	easE. ACM Transactions on Internet Technology, 2018, 18, 1-21.	3.0	40
159	Location Extraction from Social Media. ACM Transactions on Information Systems, 2018, 36, 1-27.	3.8	105
160	An Ontology-Based Decision Support Framework for Personalized Quality of Life Recommendations. Lecture Notes in Business Information Processing, 2018, , 38-51.	0.8	4
161	Enhancing Virtual Learning Spaces: The Impact of the Gaming Analytics. Lecture Notes on Data Engineering and Communications Technologies, 2018, , 115-137.	0.5	0
162	Multi-Sensing Monitoring and Knowledge-Driven Analysis for Dementia Assessment. , 2018, , 297-313.		0

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163	VERGE in VBS 2018. Lecture Notes in Computer Science, 2018, , 444-450.	1.0	1
164	A Hybrid Approach for Biomedical Relation Extraction Using Finite State Automata and Random Forest-Weighted Fusion. Lecture Notes in Computer Science, 2018, , 450-462.	1.0	1
165	Collective Intelligence: Overview. , 2018, , 286-301.		0
166	Graph-based multimodal clustering for social multimedia. Multimedia Tools and Applications, 2017, 76, 7897-7919.	2.6	10
167	Gaze movement-driven random forests for query clustering in automatic video annotation. Multimedia Tools and Applications, 2017, 76, 2861-2889.	2.6	1
168	DemaWare2: Integrating sensors, multimedia and semantic analysis for the ambient care of dementia. Pervasive and Mobile Computing, 2017, 34, 126-145.	2.1	36
169	Efficient motion estimation methods for fast recognition of activities of daily living. Signal Processing: Image Communication, 2017, 53, 1-12.	1.8	16
170	Mining discriminative descriptors for goal-based activity detection. Computer Vision and Image Understanding, 2017, 160, 73-86.	3.0	1
171	Detection of Terrorism-related Twitter Communities using Centrality Scores. , 2017, , .		19
172	iKnow: Ontology-driven situational awareness for the recognition of activities of daily living. Pervasive and Mobile Computing, 2017, 40, 17-41.	2.1	48
173	Multimedia retrieval based on non-linear graph-based fusion and partial least squares regression. Multimedia Tools and Applications, 2017, 76, 22383-22403.	2.6	9
174	Brain source localization of MMN and P300 ERPs in mild cognitive impairment and Alzheimer's disease: a high-density EEG approach. Neurobiology of Aging, 2017, 55, 190-201.	1.5	49
175	Near-Duplicate Video Retrieval by Aggregating Intermediate CNN Layers. Lecture Notes in Computer Science, 2017, , 251-263.	1.0	46
176	Open-Source Monitoring, Search and Analytics Over Social Media. Lecture Notes in Computer Science, 2017, , 361-369.	1.0	4
177	ARC OCT: Automatic detection of lumen border in intravascular OCT images. Computer Methods and Programs in Biomedicine, 2017, 151, 21-32.	2.6	17
178	Web Video Verification using Contextual Cues. , 2017, , .		13
179	Geotagging Text Content With Language Models and Feature Mining. Proceedings of the IEEE, 2017, 105, 1971-1986.	16.4	21
180	Unsupervised Keyword Extraction Using the GoW Model and Centrality Scores. Lecture Notes in Computer Science, 2017, , 344-351.	1.0	2

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181	Learning to Detect Misleading Content on Twitter. , 2017, , .		17
182	Age-induced differences in brain neural activation elicited by visual emotional stimuli: A high-density EEG study. Neuroscience, 2017, 340, 268-278.	1.1	10
183	Association of global and local low endothelial shear stress with high-risk plaque using intracoronary 3D optical coherence tomography: Introduction of "shear stress score"™. European Heart Journal Cardiovascular Imaging, 2017, 18, 888-897.	0.5	25
184	Large-scale evaluation of splicing localization algorithms for web images. Multimedia Tools and Applications, 2017, 76, 4801-4834.	2.6	116
185	Steady state visual evoked potential detection using Subclass Marginal Fisher Analysis. , 2017, , .		2
186	A Comparison Study on EEG Signal Processing Techniques Using Motor Imagery EEG Data. , 2017, , .		45
187	A Monitoring Tool for Terrorism-Related Key-Players and Key-Communities in Social Media Networks. , 2017, , .		2
188	A multimodal dataset for authoring and editing multimedia content: The MAMEM project. Data in Brief, 2017, 15, 1048-1056.	0.5	12
189	A Collaborative Representation Approach to Detecting Error-Related Potentials in SSVEP-BCIs. , 2017, , .		6
190	An Error Aware SSVEP-based BCI. , 2017, , .		6
191	Digiart: Building new 3D cultural heritage worlds. , 2017, , .		12
192	Special Issue on Content Based Multimedia Indexing. Multimedia Tools and Applications, 2017, 76, 22329-22331.	2.6	0
193	SpAtiAL: A sensor based framework to support affective learning. , 2017, , .		0
194	Near-Duplicate Video Retrieval with Deep Metric Learning. , 2017, , .		47
195	LBP-Flow and Hybrid Encoding for Real-Time Water and Fire Classification. , 2017, , .		2
196	Hybrid focused crawling on the Surface and the Dark Web. Eurasip Journal on Information Security, 2017, 2017, .	2.4	12
197	Sparse Bayesian Learning for subject independent classification with application to SSVEP-BCI. , 2017, , .		5
198	Applying SPARQL-Based Inference and Ontologies for Modelling and Execution of Clinical Practice Guidelines: A Case Study on Hypertension Management. Lecture Notes in Computer Science, 2017, , 90-107.	1.0	3

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199	WeMake: A Framework for Letting Students Create Tangible, Embedded and Embodied Environments for Their Own STEAM Learning. Lecture Notes in Computer Science, 2017, , 3-18.	1.0	9
200	Large-Scale Open Corporate Data Collection and Analysis as an Enabler of Corporate Social Responsibility Research. Lecture Notes in Computer Science, 2017, , 266-280.	1.0	2
201	Multilabel user classification using the community structure of online networks. PLoS ONE, 2017, 12, e0173347.	1.1	11
202	Incremental Estimation of Visual Vocabulary Size for Image Retrieval. Advances in Intelligent Systems and Computing, 2017, , 29-38.	0.5	0
203	VERGE in VBS 2017. Lecture Notes in Computer Science, 2017, , 486-492.	1.0	5
204	A Web-Based Service for Disturbing Image Detection. Lecture Notes in Computer Science, 2017, , 438-441.	1.0	1
205	A Topic Detection and Visualisation System on Social Media Posts. Lecture Notes in Computer Science, 2017, , 421-427.	1.0	2
206	Collective Intelligence, Overview. , 2017, , 1-15.		0
207	The SemaDrift Plugin to Measure Semantic Drift in Ontologies: Lessons Learned. Lecture Notes in Computer Science, 2017, , 29-39.	1.0	3
208	Utilizing a Wristband Sensor to Measure the Stress Level for People with Dementia. Sensors, 2016, 16, 1989.	2.1	60
209	Towards a Multimedia Knowledge-Based Agent with Social Competence and Human Interaction Capabilities. , 2016, , .		2
210	A Novel and Intelligent Home Monitoring System for Care Support of Elders with Cognitive Impairment. Journal of Alzheimer's Disease, 2016, 54, 1561-1591.	1.2	87
211	Key Player Identification in Terrorism-Related Social Media Networks Using Centrality Measures. , 2016, , .		15
212	Community detection in complex networks based on DBSCAN* and a Martingale process. , 2016, , .		6
213	Hybrid Focused Crawling for Homemade Explosives Discovery on Surface and Dark Web. , 2016, , .		15
214	OSINT and the Dark Web. Advanced Sciences and Technologies for Security Applications, 2016, , 111-132.	0.4	7
215	Multimodal Sensing and Intelligent Fusion for Remote Dementia Care and Support. , 2016, , .		4
216	Reports on CBMI 16 and ICME 16. IEEE MultiMedia, 2016, 23, 88-93.	1.5	0

#	ARTICLE	IF	CITATIONS
217	SALIC: Social Active Learning for Image Classification. IEEE Transactions on Multimedia, 2016, 18, 1488-1503.	5.2	3
218	Event-based media processing and analysis: A survey of the literature. Image and Vision Computing, 2016, 53, 3-19.	2.7	37
219	Perceived Versus Actual Predictability of Personal Information in Social Networks. Lecture Notes in Computer Science, 2016, , 133-147.	1.0	5
220	Special Issue on Event-based Media Processing and Analysis. Image and Vision Computing, 2016, 53, 1-2.	2.7	0
221	Pottery gestures style comparison by exploiting Myo sensor and forearm anatomy. , 2016, , .		5
222	Semantic Integration of Web Data for International Investment Decision Support. Lecture Notes in Computer Science, 2016, , 205-217.	1.0	1
223	Cognitive MMN and P300 in mild cognitive impairment and Alzheimer's disease: A high density EEG-3D vector field tomography approach. Brain Research, 2016, 1648, 425-433.	1.1	43
224	Efficacy and Safety of Crocus sativus L. in Patients with Mild Cognitive Impairment: One Year Single-Blind Randomized, with Parallel Groups, Clinical Trial. Journal of Alzheimer's Disease, 2016, 54, 129-133.	1.2	57
225	Incentive Mechanisms for Crowdsourcing Platforms. Lecture Notes in Computer Science, 2016, , 3-18.	1.0	22
226	A hybrid graph-based and non-linear late fusion approach for multimedia retrieval. , 2016, , .		12
227	A multimedia interactive search engine based on graph-based and non-linear multimodal fusion. , 2016, , .		2
228	Question Answering over Pattern-Based User Models. , 2016, , .		2
229	Classifying Salsa dance steps from skeletal poses. , 2016, , .		6
230	In-depth Exploration of Geotagging Performance using Sampling Strategies on YFCC100M. , 2016, , .		2
231	Environmental data extraction from heatmaps using the AirMerge system. Multimedia Tools and Applications, 2016, 75, 1589-1613.	2.6	3
232	Smart Sampling and Optimal Dimensionality Reduction of Big Data Using Compressed Sensing. Studies in Big Data, 2016, , 251-280.	0.8	0
233	Retrieval of Multimedia Objects by Fusing Multiple Modalities. , 2016, , .		5
234	MetaQ: A knowledge-driven framework for context-aware activity recognition combining SPARQL and OWL 2 activity patterns. Pervasive and Mobile Computing, 2016, 25, 104-124.	2.1	39

#	ARTICLE	IF	CITATIONS
235	Activity detection using Sequential Statistical Boundary Detection (SSBD). Computer Vision and Image Understanding, 2016, 144, 46-61.	3.0	23
236	Semantic Event Fusion of Different Visual Modality Concepts for Activity Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1598-1611.	9.7	30
237	MGraph: multimodal event summarization in social media using topic models and graph-based ranking. International Journal of Multimedia Information Retrieval, 2016, 5, 51-69.	3.6	11
238	Focused crawling of environmental Web resources based on the combination of multimedia evidence. Multimedia Tools and Applications, 2016, 75, 1563-1587.	2.6	6
239	Intelligent User Interfaces to Support Diagnosis and Assessment of People with Dementia: An Expert Evaluation. Communications in Computer and Information Science, 2016, , 196-206.	0.4	2
240	Interactive Discovery and Retrieval of Web Resources Containing Home Made Explosive Recipes. Lecture Notes in Computer Science, 2016, , 221-233.	1.0	5
241	A Hybrid Framework for News Clustering Based on the DBSCAN-Martingale and LDA. Lecture Notes in Computer Science, 2016, , 170-184.	1.0	12
242	User-Driven Ontology Population from Linked Data Sources. Communications in Computer and Information Science, 2016, , 31-41.	0.4	6
243	Towards Air Quality Estimation Using Collected Multimodal Environmental Data. Lecture Notes in Computer Science, 2016, , 147-156.	1.0	7
244	Personalized Privacy-aware Image Classification. , 2016, , .		33
245	Dem@Home: Ambient Monitoring and Clinical Support for People Living with Dementia. Lecture Notes in Computer Science, 2016, , 26-29.	1.0	0
246	Dem@Home: Ambient Intelligence for Clinical Support of People Living with Dementia. Lecture Notes in Computer Science, 2016, , 357-368.	1.0	7
247	A Reputation-Based Incentive Mechanism for a Crowdsourcing Platform for Financial Awareness. Lecture Notes in Computer Science, 2016, , 57-80.	1.0	3
248	Multimodal Event Detection and Summarization in Large Scale Image Collections. , 2016, , .		0
249	Gender effect in human brain responses to bottom-up and top-down attention using the EEG 3D-Vector Field Tomography. , 2015, 2015, 7574-7.		2
250	Multimodal Graph-based Event Detection and Summarization in Social Media Streams. , 2015, , .		29
251	Toward an Automatic Evaluation of Retrieval Performance with Large Scale Image Collections. , 2015, , .		6
252	Activities of daily living recognition using optimal trajectories from motion boundaries. Journal of Ambient Intelligence and Smart Environments, 2015, 7, 817-834.	0.8	8

#	ARTICLE	IF	CITATIONS
253	MULTISENSOR: Development of multimedia content integration technologies for journalism, media monitoring and international exporting decision support. , 2015, , .		2
254	Social Circle Discovery in Ego-Networks by Mining the Latent Structure of User Connections and Profile Attributes. , 2015, , .		5
255	Monitoring term drift based on semantic consistency in an evolving vector field. , 2015, , .		4
256	Multi-sensing Monitoring and Knowledge-driven Analysis for Dementia Assessment. International Journal of E-Health and Medical Communications, 2015, 6, 77-92.	1.4	8
257	Geotagging Social Media Content with a Refined Language Modelling Approach. Lecture Notes in Computer Science, 2015, , 21-40.	1.0	9
258	Scalable image annotation using a product compressive sampling approach. , 2015, , .		1
259	[POSTER] Transforming Your Website to an Augmented Reality View. , 2015, , .		0
260	News-oriented multimedia search over multiple social networks. , 2015, , .		0
261	Phase-amplitude cross-frequency coupling in EEG-derived cortical time series upon an auditory perception task. , 2015, 2015, 4150-3.		6
262	Classification Using Various Machine Learning Methods and Combinations of Key-Phrases and Visual Features. Lecture Notes in Computer Science, 2015, , 64-75.	1.0	1
263	Computationally efficient recognition of activities of daily living. , 2015, , .		2
264	Sensor-based in-home monitoring of people with dementia using remote web technologies. , 2015, , .		12
265	Moving camera human activity localization and recognition with motionplanes and multiple homographies. , 2015, , .		4
266	Supporting Cognitive Skills of People Suffering from Dementia through a Sensor-Based System. , 2015, , .		4
267	Real-time health monitoring and contextualised alerts using wearables. , 2015, , .		9
268	Concept Detection in Multimedia Web Resources About Home Made Explosives. , 2015, , .		3
269	Benchmarking Graph Databases on the Problem of Community Detection. Advances in Intelligent Systems and Computing, 2015, , 3-14.	0.5	14
270	Semantic web technologies in pervasive computing: A survey and research roadmap. Pervasive and Mobile Computing, 2015, 23, 1-25.	2.1	53

#	ARTICLE	IF	CITATIONS
271	Getting the environmental information across: from the Web to the user. Expert Systems, 2015, 32, 405-432.	2.9	4
272	Web image size prediction for efficient focused image crawling. , 2015, , .		0
273	Visual Event Summarization on Social Media using Topic Modelling and Graph-based Ranking Algorithms. , 2015, , .		24
274	Accurate and reproducible reconstruction of coronary arteries and endothelial shear stress calculation using 3D OCT: Comparative study to 3D IVUS and 3D QCA. Atherosclerosis, 2015, 240, 510-519.	0.4	55
275	Learning to detect concepts with Approximate Laplacian Eigenmaps in large-scale and online settings. International Journal of Multimedia Information Retrieval, 2015, 4, 95-111.	3.6	2
276	Predicting Elections for Multiple Countries Using Twitter and Polls. IEEE Intelligent Systems, 2015, 30, 10-17.	4.0	52
277	Swarm Intelligence for Detecting Interesting Events in Crowded Environments. IEEE Transactions on Image Processing, 2015, 24, 2153-2166.	6.0	90
278	Ontology-centered environmental information delivery for personalized decision support. Expert Systems With Applications, 2015, 42, 5032-5046.	4.4	15
279	PScore: A Framework for Enhancing Privacy Awareness in Online Social Networks. , 2015, , .		20
280	A Framework for the Discovery, Analysis, and Retrieval of Multimedia Homemade Explosives Information on the Web. , 2015, , .		3
281	Improving Diversity in Image Search via Supervised Relevance Scoring. , 2015, , .		22
282	Detecting image splicing in the wild (WEB). , 2015, , .		47
283	Assessing the Reliability of Facebook User Profiling. , 2015, , .		14
284	Brain source localization of MMN, P300 and N400: Aging and gender differences. Brain Research, 2015, 1603, 32-49.	1.1	52
285	Fusion of meteorological and air quality data extracted from the web for personalized environmental information services. Environmental Modelling and Software, 2015, 64, 143-155.	1.9	39
286	A Unified Model for Socially Interconnected Multimedia-Enriched Objects. Lecture Notes in Computer Science, 2015, , 372-384.	1.0	7
287	A Sensor-Based Framework to Support Clinicians in Dementia Assessment: The Results of a Pilot Study. Advances in Intelligent Systems and Computing, 2015, , 213-221.	0.5	8
288	Designing for Inconsistency – The Dependency-Based PERICLES Approach. Communications in Computer and Information Science, 2015, , 458-467.	0.4	3

#	ARTICLE	IF	CITATIONS
289	Video Event Understanding. , 2015, , 2199-2207.		1
290	Visual Information Analysis for Interactive TV Applications. , 2015, , 2208-2218.		0
291	Discovery, Analysis, and Retrieval of Multimodal Environmental Information. , 2015, , 4528-4542.		1
292	VERGE: A Multimodal Interactive Video Search Engine. Lecture Notes in Computer Science, 2015, , 249-254.	1.0	1
293	Activity Detection and Recognition of Daily Living Events. , 2015, , 139-160.		4
294	Personalized Environmental Service Configuration and Delivery Orchestration: The PESCaDO Demonstrator. Lecture Notes in Computer Science, 2015, , 435-440.	1.0	1
295	Electroencephalogram and Alzheimer's Disease: Clinical and Research Approaches. International Journal of Alzheimer's Disease, 2014, 2014, 1-10.	1.1	55
296	How many more images do we need? Performance prediction of bootstrapping for image classification. , 2014, , .		1
297	Swarm-based motion features for anomaly detection in crowds. , 2014, , .		13
298	Challenges of computational verification in social multimedia. , 2014, , .		56
299	A soft frequent pattern mining approach for textual topic detection. , 2014, , .		26
300	News Articles Classification Using Random Forests and Weighted Multimodal Features. Lecture Notes in Computer Science, 2014, , 63-75.	1.0	31
301	An Ensemble Model for Cross-Domain Polarity Classification on Twitter. Lecture Notes in Computer Science, 2014, , 168-177.	1.0	15
302	Clinical validation of an algorithm for rapid and accurate automated segmentation of intracoronary optical coherence tomography images. International Journal of Cardiology, 2014, 172, 568-580.	0.8	15
303	Collaborative event annotation in tagged photo collections. Multimedia Tools and Applications, 2014, 70, 89-118.	2.6	14
304	The Multimedia Grand Challenge 2013. IEEE MultiMedia, 2014, 21, 90-94.	1.5	0
305	Social Multimedia Crawling for Mining and Search. Computer, 2014, 47, 84-87.	1.2	7
306	A Comprehensive Study Over VLAD and Product Quantization in Large-Scale Image Retrieval. IEEE Transactions on Multimedia, 2014, 16, 1713-1728.	5.2	103

#	ARTICLE	IF	CITATIONS
307	Panacea, a semantic-enabled drug recommendations discovery framework. Journal of Biomedical Semantics, 2014, 5, 13.	0.9	28
308	Video Tomographs and a Base Detector Selection Strategy for Improving Large-Scale Video Concept Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 1251-1264.	5.6	11
309	A model for environmental data extraction from multimedia and its evaluation against various chemical weather forecasting datasets. Ecological Informatics, 2014, 23, 69-82.	2.3	5
310	Graph-Based Multimodal Clustering for Social Event Detection in Large Collections of Images. Lecture Notes in Computer Science, 2014, , 146-158.	1.0	17
311	Cognitive Brain Signal Processing: Healthy vs Alzheimerâ€™s Disease Patients. Lecture Notes in Computer Science, 2014, , 503-514.	1.0	4
312	LiFR: A Lightweight Fuzzy DL Reasoner. Lecture Notes in Computer Science, 2014, , 263-267.	1.0	10
313	Collective Intelligence, Overview. , 2014, , 177-189.		0
314	Enhancing Patent Search with Content-Based Image Retrieval. Lecture Notes in Computer Science, 2014, , 250-273.	1.0	3
315	Towards modelling visual ambiguity for visual object detection. , 2014, , .		0
316	Tourism Knowledge Discovery in Social Multimedia. Advances in Information Quality and Management, 2014, , 3666-3675.	0.3	1
317	Sensing Trending Topics in Twitter. IEEE Transactions on Multimedia, 2013, 15, 1268-1282.	5.2	325
318	Local Invariant Feature Tracks for High-Level Video Feature Extraction. Lecture Notes in Electrical Engineering, 2013, , 165-180.	0.3	4
319	IVUSAngio Tool: A publicly available software for fast and accurate 3D reconstruction of coronary arteries. Computers in Biology and Medicine, 2013, 43, 1793-1803.	3.9	20
320	Large-scale semi-supervised learning by Approximate Laplacian Eigenmaps, VLAD and pyramids. , 2013, , .		4
321	Reality mining in urban space. , 2013, , .		1
322	Video event detection using a subclass recoding error-correcting output codes framework. , 2013, , .		3
323	Special Section on Social Media as Sensors. IEEE Transactions on Multimedia, 2013, 15, 1229-1230.	5.2	6
324	Fast object re-detection and localization in video for spatio-temporal fragment creation. , 2013, , .		4

#	ARTICLE	IF	CITATIONS
325	High order pLSA for indexing tagged images. Signal Processing, 2013, 93, 2212-2228.	2.1	13
326	The 2012 social event detection dataset. , 2013, , .		24
327	Recognition of Activities of Daily Living for Smart Home Environments. , 2013, , .		33
328	Mixture Subclass Discriminant Analysis Link to Restricted Gaussian Model and Other Generalizations. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 8-21.	7.2	38
329	Activity detection and recognition of daily living events. , 2013, , .		9
330	Community structure and evolution analysis of OSN interactions around real-world social phenomena. , 2013, , .		2
331	Improving event detection using related videos and relevance degree support vector machines. , 2013, , .		7
332	ImproveMyCity. , 2013, , .		25
333	Scalable training with approximate incremental laplacian eigenmaps and PCA. , 2013, , .		7
334	Introduction to the special section of best papers of ACM multimedia 2012. ACM Transactions on Multimedia Computing, Communications and Applications, 2013, 9, 1-2.	3.0	0
335	Enhancing video concept detection with the use of tomographs. , 2013, , .		9
336	Discovery of environmental resources based on heatmap recognition. , 2013, , .		5
337	Video event recounting using mixture subclass discriminant analysis. , 2013, , .		5
338	SP-ACT: A hybrid framework for complex activity recognition combining OWL and SPARQL rules. , 2013, , .		28
339	EventSense. , 2013, , .		5
340	Semi-supervised Concept Detection by Learning the Structure of Similarity Graphs. Lecture Notes in Computer Science, 2013, , 1-12.	1.0	1
341	Ontology Patterns for Complex Activity Modelling. Lecture Notes in Computer Science, 2013, , 144-157.	1.0	13
342	A Comparative Study on Mobile Visual Recognition. Lecture Notes in Computer Science, 2013, , 442-457.	1.0	8

#	ARTICLE	IF	CITATIONS
343	Concept Extraction from Patent Images Based on Recursive Hybrid Classification. Lecture Notes in Computer Science, 2013, , 83-86.	1.0	0
344	Discovery of Weather Forecast Web Resources Based on Ontology and Content-Driven Hierarchical Classification. Communications in Computer and Information Science, 2013, , 223-232.	0.4	0
345	Environmental data extraction from multimedia resources. , 2012, , .		9
346	"Making sense of it all". , 2012, , .		3
347	Multi-modal region selection approach for training object detectors. , 2012, , .		4
348	Cluster-based photo browsing and tagging on the go. , 2012, , .		2
349	An environmental search engine based on interactive visual classification. , 2012, , .		4
350	SocialSensor. , 2012, , .		7
351	Timely, robust crowd event characterization. , 2012, , .		8
352	Extracting Emergent Semantics from Large-Scale User-Generated Content. Advances in Intelligent and Soft Computing, 2012, , 27-37.	0.2	0
353	Concept-based patent image retrieval. World Patent Information, 2012, 34, 292-303.	0.7	29
354	Linear Subclass Support Vector Machines. IEEE Signal Processing Letters, 2012, 19, 575-578.	2.1	7
355	Social event detection using multimodal clustering and integrating supervisory signals. , 2012, , .		57
356	Differential Edit Distance: A Metric for Scene Segmentation Evaluation. IEEE Transactions on Circuits and Systems for Video Technology, 2012, 22, 904-914.	5.6	14
357	INTRODUCTION TO THE SPECIAL ISSUE ON EVENT RECOGNITION. Applied Artificial Intelligence, 2012, 26, 1-5.	2.0	0
358	Differential edit distance as a countermeasure to video scene ambiguity. , 2012, , .		0
359	Exploiting gaze movements for automatic video annotation. , 2012, , .		2
360	Semantic Personalisation in Networked Media: Determining the Background Knowledge. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
361	Recognition of Activities of Daily Living. , 2012, , .		4
362	GalenOWL: Ontology-based drug recommendations discovery. Journal of Biomedical Semantics, 2012, 3, 14.	0.9	37
363	Community detection in Social Media. Data Mining and Knowledge Discovery, 2012, 24, 515-554.	2.4	509
364	In & out zooming on time-aware user/tag clusters. Journal of Intelligent Information Systems, 2012, 38, 685-708.	2.8	2
365	Semantic multimedia. Multimedia Tools and Applications, 2012, 59, 403-405.	2.6	0
366	Leveraging social media for scalable object detection. Pattern Recognition, 2012, 45, 2962-2979.	5.1	6
367	Image Interpretation by Combining Ontologies and Bayesian Networks. Lecture Notes in Computer Science, 2012, , 307-314.	1.0	1
368	Discovery of Environmental Nodes in the Web. Lecture Notes in Computer Science, 2012, , 58-72.	1.0	7
369	Intelligent Multi Sensor Fusion System for Advanced Situation Awareness in Urban Environments. Communications in Computer and Information Science, 2012, , 93-104.	0.4	7
370	Extraction of Environmental Data from On-Line Environmental Information Sources. International Federation for Information Processing, 2012, , 361-370.	0.4	4
371	Personalized Environmental Service Orchestration for Quality of Life Improvement. International Federation for Information Processing, 2012, , 351-360.	0.4	3
372	Temporal Video Segmentation to Scenes Using High-Level Audiovisual Features. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1163-1177.	5.6	114
373	An Approach to Intelligent Information Fusion in Sensor Saturated Urban Environments. , 2011, , .		11
374	Spatiotemporally localized new event detection in crowds. , 2011, , .		9
375	Improving Interactive Video Retrieval by Exploiting Automatically-Extracted Video Structural Semantics. , 2011, , .		4
376	High-level event detection in video exploiting discriminant concepts. , 2011, , .		16
377	Mixture Subclass Discriminant Analysis. IEEE Signal Processing Letters, 2011, 18, 319-322.	2.1	48
378	A Survey of Semantic Image and Video Annotation Tools. Lecture Notes in Computer Science, 2011, , 196-239.	1.0	57

#	ARTICLE	IF	CITATIONS
379	Evidence-Driven Image Interpretation by Combining Implicit and Explicit Knowledge in a Bayesian Network. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1366-1381.	5.5	16
380	Utilizing Implicit User Feedback to Improve Interactive Video Retrieval. Advances in Multimedia, 2011, 2011, 1-18.	0.2	7
381	Introduction to the special issue on image and video retrieval: theory and applications. Multimedia Tools and Applications, 2011, 55, 1-6.	2.6	10
382	A Bayesian network modeling approach for cross media analysis. Signal Processing: Image Communication, 2011, 26, 175-193.	1.8	4
383	Joint modality fusion and temporal context exploitation for semantic video analysis. Eurasip Journal on Advances in Signal Processing, 2011, 2011, .	1.0	0
384	A comparative study of object-level spatial context techniques for semantic image analysis. Computer Vision and Image Understanding, 2011, 115, 1288-1307.	3.0	18
385	Content-based binary image retrieval using the adaptive hierarchical density histogram. Pattern Recognition, 2011, 44, 739-750.	5.1	54
386	City exploration by use of spatio-temporal analysis and clustering of user contributed photos. , 2011, , .		9
387	High-level event detection system based on discriminant visual concepts. , 2011, , .		7
388	WSM2011. , 2011, , .		0
389	Cluster-Based Landmark and Event Detection for Tagged Photo Collections. IEEE MultiMedia, 2011, 18, 52-63.	1.5	118
390	Semi-supervised object recognition using flickr images. , 2011, , .		7
391	Detecting the long-tail of Points of Interest in tagged photo collections. , 2011, , .		2
392	A comparative study of spatial, temporal and content-based patterns emerging in YouTube and Flickr. , 2011, , .		5
393	An eye-tracking-based approach to facilitate interactive video search. , 2011, , .		9
394	Combining Multi-modal Features for Social Media Analysis. , 2011, , 71-96.		6
395	Enhancing Computer Vision Using the Collective Intelligence of Social Media. Studies in Computational Intelligence, 2011, , 235-271.	0.7	4
396	Community Detection in Collaborative Tagging Systems. , 2011, , 107-131.		5

#	ARTICLE	IF	CITATIONS
397	Emerging, Collective Intelligence for Personal, Organisational and Social Use. Studies in Computational Intelligence, 2011, , 527-573.	0.7	8
398	Semantic Representation of Multimedia Content. Lecture Notes in Computer Science, 2011, , 18-49.	1.0	3
399	Building an Environmental Information System for Personalized Content Delivery. IFIP Advances in Information and Communication Technology, 2011, , 169-176.	0.5	8
400	Real Time Motion Changes for New Event Detection and Recognition. Lecture Notes in Computer Science, 2011, , 54-63.	1.0	1
401	Multimedia, Broadcasting, and eCulture. , 2011, , 911-975.		1
402	Change Detection for Temporal Texture in the Fourier Domain. Lecture Notes in Computer Science, 2011, , 149-160.	1.0	3
403	Leveraging Massive User Contributions for Knowledge Extraction. Studies in Computational Intelligence, 2011, , 415-443.	0.7	1
404	Distributed Technologies for Personalized Advertisement Delivery. Advances in Multimedia and Interactive Technologies Book Series, 2011, , 233-261.	0.1	1
405	A System for the Semantic Multimodal Analysis of News Audio-Visual Content. Eurasip Journal on Advances in Signal Processing, 2010, 2010, .	1.0	8
406	IVUS image processing and semantic analysis for Cardiovascular Diseases risk prediction. International Journal of Biomedical Engineering and Technology, 2010, 3, 349.	0.2	5
407	Enquiring MPEG-7 based multimedia ontologies. Multimedia Tools and Applications, 2010, 46, 331-370.	2.6	46
408	Investigating fuzzy DLs-based reasoning in semantic image analysis. Multimedia Tools and Applications, 2010, 49, 167-194.	2.6	14
409	Continuous wavelet transform for time-varying motion extraction. IET Image Processing, 2010, 4, 271.	1.4	7
410	Towards content-based patent image retrieval: A framework perspective. World Patent Information, 2010, 32, 94-106.	0.7	55
411	The Dynamics of Content Popularity in Social Media. International Journal of Data Warehousing and Mining, 2010, 6, 20-37.	0.4	8
412	Image clustering through community detection on hybrid image similarity graphs. , 2010, , .		16
413	On the use of feature tracks for dynamic concept detection in video. , 2010, , .		3
414	A Statistical Learning Approach to Spatial Context Exploitation for Semantic Image Analysis. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
415	Real time illumination invariant motion change detection. , 2010, , .		3
416	ClustTour. , 2010, , .		12
417	Optimizing visual search with implicit user feedback in interactive video retrieval. , 2010, , .		2
418	Adaptive hierarchical density histogram for complex binary image retrieval. , 2010, , .		2
419	VERGE: A video interactive retrieval engine. , 2010, , .		13
420	Probabilistic combination of spatial context with visual and co-occurrence information for semantic image analysis. , 2010, , .		2
421	A Joint Content-Event Model for Event-Centric Multimedia Indexing. , 2010, , .		11
422	On the Use of Visual Soft Semantics for Video Temporal Decomposition to Scenes. , 2010, , .		10
423	Trends and Issues in Description Logics Frameworks for Image Interpretation. Lecture Notes in Computer Science, 2010, , 61-70.	1.0	8
424	A Graph-Based Clustering Scheme for Identifying Related Tags in Folksonomies. Lecture Notes in Computer Science, 2010, , 65-76.	1.0	44
425	Automatic event-based indexing of multimedia content using a joint content-event model. , 2010, , .		10
426	Using event representation and semantic enrichment for managing and reviewing emergency incident logs. , 2010, , .		2
427	Analysis of Content Popularity in Social Bookmarking Systems. , 2010, , 233-257.		1
428	Harvesting Intelligence in Multimedia Social Tagging Systems. Advanced Information and Knowledge Processing, 2010, , 135-167.	0.2	0
429	Towards fully un-supervised methods for generating object detection classifiers using social data. , 2009, , .		0
430	Combining multimodal and temporal contextual information for semantic video analysis. , 2009, , .		0
431	Statistical Motion Information Extraction and Representation for Semantic Video Analysis. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1513-1528.	5.6	22
432	MKLab interactive video retrieval system. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
433	Multi-modal scene segmentation using scene transition graphs. , 2009, , .		17
434	Human Motion Analysis via Statistical Motion Processing and Sequential Change Detection. Eurasip Journal on Image and Video Processing, 2009, 2009, 1-16.	1.7	9
435	Generalized Concept Overlay for Semantic Multi-Modal Analysis of Audio-visual Content. , 2009, , .		0
436	Clustering of Social Tagging System Users: A Topic and Time Based Approach. Lecture Notes in Computer Science, 2009, , 75-86.	1.0	12
437	A semantic framework for personalized ad recommendation based on advanced textual analysis. , 2009, , .		9
438	Full action instances for motion analysis. , 2009, , .		1
439	Compound Document Analysis by Fusing Evidence Across Media. , 2009, , .		2
440	Robust Temporal Activity Templates Using Higher Order Statistics. IEEE Transactions on Image Processing, 2009, 18, 2756-2768.	6.0	26
441	An Empirical Study of Multi-label Learning Methods for Video Annotation. , 2009, , .		37
442	Comparative evaluation of spatial context techniques for semantic image analysis. , 2009, , .		9
443	A Hybrid Ontology and Visual-based Retrieval Model for Cultural Heritage Multimedia Collections. , 2009, , 1-10.		2
444	Capturing MPEG-7 Semantics. , 2009, , 113-122.		6
445	Lexical Graphs for Improved Contextual Ad Recommendation. Lecture Notes in Computer Science, 2009, , 216-227.	1.0	10
446	An Evidence-Driven Probabilistic Inference Framework for Semantic Image Understanding. Lecture Notes in Computer Science, 2009, , 525-539.	1.0	1
447	Applying Fuzzy DLs in the Extraction of Image Semantics. Lecture Notes in Computer Science, 2009, , 105-132.	1.0	16
448	Modeling facial expressions and peripheral physiological signals to predict topical relevance. , 2009, , .		3
449	Collective Intelligence Generation from User Contributed Content. Studies in Classification, Data Analysis, and Knowledge Organization, 2009, , 765-774.	0.1	6
450	Efficient Media Exploitation Towards Collective Intelligence. Studies in Classification, Data Analysis, and Knowledge Organization, 2009, , 723-732.	0.1	1

#	ARTICLE	IF	CITATIONS
451	Image Analysis Techniques for Automated IVUS Contour Detection. Ultrasound in Medicine and Biology, 2008, 34, 1482-1498.	0.7	64
452	Towards content-oriented patent document processing. World Patent Information, 2008, 30, 21-33.	0.7	73
453	SEMSOC: SEMantic, SOcial and Content-Based Clustering in Multimedia Collaborative Tagging Systems. , 2008, , .		19
454	Video shot meta-segmentation based on multiple criteria for gradual transition detection. , 2008, , .		1
455	Gradual transition detection using color coherence and other criteria in a video shot meta-segmentation framework. , 2008, , .		26
456	Co-Clustering Tags and Social Data Sources. , 2008, , .		46
457	Estimation and representation of accumulated motion characteristics for semantic event detection. , 2008, , .		4
458	Combination of Accumulated Motion and Color Segmentation for Human Activity Analysis. Eurasip Journal on Image and Video Processing, 2008, 2008, 1-20.	1.7	0
459	Human activity localization via sequential change detection. , 2008, , .		0
460	MKLab interactive video retrieval system. , 2008, , .		4
461	Accumulated motion energy fields estimation and representation for semantic event detection. , 2008, , .		10
462	AQUAM. , 2008, , .		4
463	Semantic Video Analysis Based on Estimation and Representation of Higher-Order Motion Statistics. , 2008, , .		1
464	Knowledge-assisted cross-media analysis of audio-visual content in the news domain. , 2008, , .		1
465	Wavelet domain processing for trajectory extraction. , 2008, , .		0
466	Statistical processing of video for detection of events in space and time. , 2008, , .		1
467	A hybrid ontology and visual-based retrieval model for cultural heritage multimedia collections. International Journal of Metadata, Semantics and Ontologies, 2008, 3, 167.	0.2	24
468	Knowledge-Assisted Analysis of Video for Content-Adaptive Coding and Transmission. Studies in Computational Intelligence, 2008, , 221-240.	0.7	0

#	ARTICLE	IF	CITATIONS
469	Two-Level Automatic Adaptation of a Distributed User Profile for Personalized News Content Delivery. International Journal of Digital Multimedia Broadcasting, 2008, 2008, 1-21.	0.4	12
470	Introducing Context and Reasoning in Visual Content Analysis: An Ontology-Based Framework. , 2008, , 99-122.		7
471	Using Fuzzy DLs to Enhance Semantic Image Analysis. Lecture Notes in Computer Science, 2008, , 31-46.	1.0	10
472	Segmentation of Images and Video. , 2008, , 797-798.		0
473	A Technological Framework for the Authoring and Presentation of T-learning Courses. International Journal of Emerging Technologies in Learning, 2008, 3, .	0.8	2
474	Introduction to Semantic Multimedia. , 2008, , 3-13.		1
475	Conclusions Relating to Semantic Multimedia and Ontologies. , 2008, , 281-284.		0
476	ITI interactive video retrieval system. , 2007, , .		0
477	Joint Motion and Color Statistical Video Processing for Motion Segmentation. , 2007, , .		2
478	Distributed User Modeling for Personalized News Delivery in Mobile Devices. , 2007, , .		2
479	Hybrid Ontology and Visual-Based Retrieval for Cultural Heritage Multimedia Libraries. , 2007, , .		0
480	Video Segmentation and Semantics Extraction from the Fusion of Motion and Color Information. , 2007, , .		2
481	Combining Global and Local Information for Knowledge-Assisted Image Analysis and Classification. Eurasip Journal on Advances in Signal Processing, 2007, 2007, .	1.0	24
482	Distributed User Modeling for Personalized News Delivery in Mobile Devices. , 2007, , .		1
483	Ontology-Based Trajectory Analysis for Semantic Event Detection. , 2007, , .		9
484	Automated IVUS Contour Detection Using Intensity Features and Radial Basis Function Approximation. , 2007, , .		8
485	A framework for ontology-driven multimedia analysis and composition. , 2007, , .		1
486	Color aided motionâ€segmentation and object tracking for video sequences semantic analysis. International Journal of Imaging Systems and Technology, 2007, 17, 174-189.	2.7	1

#	ARTICLE	IF	CITATIONS
487	A novel active contour model for fully automated segmentation of intravascular ultrasound images: In vivo validation in human coronary arteries. <i>Computers in Biology and Medicine</i> , 2007, 37, 1292-1302.	3.9	67
488	Ontology-Driven Semantic Video Analysis Using Visual Information Objects. <i>Lecture Notes in Computer Science</i> , 2007, , 56-69.	1.0	7
489	Texture Analysis and Radial Basis Function Approximation for IVUS Image Segmentation. <i>Open Biomedical Engineering Journal</i> , 2007, 1, 53-59.	0.7	6
490	Knowledge-Assisted Video Analysis for Content-Adaptive Coding and Transmission. , 2006, , .		1
491	Object-based MPEG-2 video indexing and retrieval in a collaborative environment. <i>Multimedia Tools and Applications</i> , 2006, 30, 255-272.	2.6	3
492	Knowledge representation and semantic annotation of multimedia content. <i>IET Computer Vision</i> , 2006, 153, 255.	1.3	39
493	An Ontology Infrastructure for Multimedia Reasoning. <i>Lecture Notes in Computer Science</i> , 2006, , 51-60.	1.0	14
494	M-OntoMat-Annotizer: Image Annotation Linking Ontologies and Multimedia Low-Level Features. <i>Lecture Notes in Computer Science</i> , 2006, , 633-640.	1.0	50
495	Semantic Processing of Color Images. <i>Image Processing Series</i> , 2006, , 259-284.	0.2	1
496	Multimedia Content Indexing and Retrieval Using an Object Ontology. , 2005, , 339-371.		17
497	Editorial: Recent advances in image and video retrieval. <i>IET Computer Vision</i> , 2005, 152, 851.	1.3	0
498	Semantic Annotation of Images and Videos for Multimedia Analysis. <i>Lecture Notes in Computer Science</i> , 2005, , 592-607.	1.0	110
499	Knowledge-assisted semantic video object detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005, 15, 1210-1224.	5.6	133
500	Real-Time Compressed-Domain Spatiotemporal Segmentation and Ontologies for Video Indexing and Retrieval. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2004, 14, 606-621.	5.6	126
501	Video Object Segmentation Using Bayes-Based Temporal Tracking and Trajectory-Based Region Merging. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2004, 14, 782-795.	5.6	57
502	An MPEG-4 tool for composing 3D scenes. <i>IEEE MultiMedia</i> , 2004, 11, 58-71.	1.5	7
503	STILL IMAGE SEGMENTATION TOOLS FOR OBJECT-BASED MULTIMEDIA APPLICATIONS. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2004, 18, 701-725.	0.7	63
504	Region-Based Image Retrieval Using an Object Ontology and Relevance Feedback. <i>Eurasip Journal on Advances in Signal Processing</i> , 2004, 2004, 1.	1.0	51

#	ARTICLE	IF	CITATIONS
505	MPEG-4 Authoring Tool Using Moving Object Segmentation and Tracking in Video Shots. <i>Eurasip Journal on Advances in Signal Processing</i> , 2003, 2003, 1.	1.0	4
506	Segmentation and Content-Based Watermarking for Color Image and Image Region Indexing and Retrieval. <i>Eurasip Journal on Advances in Signal Processing</i> , 2002, 2002, 1.	1.0	14
507	Hierarchical representation and coding of surfaces using 3-D polygon meshes. <i>IEEE Transactions on Image Processing</i> , 2001, 10, 1133-1151.	6.0	4
508	Spatiotemporal segmentation and tracking of objects for visualization of videoconference image sequences. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2000, 10, 1388-1402.	5.6	45
509	Deformable boundary detection of stents in angiographic images. <i>IEEE Transactions on Medical Imaging</i> , 2000, 19, 652-662.	5.4	23
510	3D object articulation and motion estimation in model-based stereoscopic videoconference image sequence analysis and coding. <i>Signal Processing: Image Communication</i> , 1999, 14, 817-840.	1.8	32
511	<title>Digital signal processing for the analysis and coding of stereoscopic and 3D video</title> . , 1999, , .		0
512	Object Articulation Based on Local 3D Motion Estimation. <i>Lecture Notes in Computer Science</i> , 1999, , 378-391.	1.0	2
513	Flexible 3D motion estimation and tracking for multiview image sequence coding 1 1This work was supported by the EU CEC Project ACTS PANORAMA (Package for New Autostereoscopic Multiview) Tj ETQq1 1 0.784314 rgBT /Overlo Programme YPER.. <i>Signal Processing: Image Communication</i> , 1998. 14. 95-110.	1.8	11
514	3-D model-based segmentation of videoconference image sequences. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 1998, 8, 547-561.	5.6	21
515	<title>3D-model-based nonrigid motion estimation for multiview image sequence compression</title> . , 1998, 3309, 326.		0
516	3D representation of videoconference image sequences using VRML 2.0. <i>Lecture Notes in Computer Science</i> , 1998, , 1-12.	1.0	5
517	Use of object articulation and motion estimation for video production. <i>Lecture Notes in Computer Science</i> , 1997, , 343-357.	1.0	0
518	A World Wide Web region-based image search engine. , 0, , .		3
519	A knowledge-based approach to domain-specific compressed video analysis. , 0, , .		2
520	An authoring tool for democratizing the creation of high-quality VR experiences. <i>Virtual Reality</i> , 0, , 1.	4.1	2
521	An Ontology-Based Frameowrk for Semantic Image Analysis and Retrieval. , 0, , 208-229.		4
522	An Integrated Framework for Personalized T-Learning. , 0, , 118-135.		1

#	ARTICLE	IF	CITATIONS
523	Exploring Twitter communication dynamics with evolving community analysis. PeerJ Computer Science, 0, 3, e107.	2.7	7
524	Knowledge-Driven Segmentation and Classification. , 0, , 163-181.		0
525	Evaluation of speech-based protocol for detection of early-stage dementia. , 0, , .		36
526	The Dynamics of Content Popularity in Social Media. , 0, , 17-33.		0