

Yiannis Kompatsiaris

List of Publications by Year in descending order

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526
papers

8,710
citations

61945

43
h-index

85498

71
g-index

558
all docs

558
docs citations

558
times ranked

7483
citing authors

#	ARTICLE	IF	CITATIONS
1	Community detection in Social Media. <i>Data Mining and Knowledge Discovery</i> , 2012, 24, 515-554.	2.4	509
2	Sensing Trending Topics in Twitter. <i>IEEE Transactions on Multimedia</i> , 2013, 15, 1268-1282.	5.2	325
3	Bias in data-driven artificial intelligence systems—An introductory survey. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2020, 10, e1356.	4.6	265
4	Deep Learning Advances in Computer Vision with 3D Data. <i>ACM Computing Surveys</i> , 2018, 50, 1-38.	16.1	215
5	EEG-Based Brain-Computer Interfaces for Communication and Rehabilitation of People with Motor Impairment: A Novel Approach of the 21st Century. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 14.	1.0	213
6	IoT Wearable Sensors and Devices in Elderly Care: A Literature Review. <i>Sensors</i> , 2020, 20, 2826.	2.1	160
7	Knowledge-assisted semantic video object detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005, 15, 1210-1224.	5.6	133
8	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
9	Oil Spill Identification from Satellite Images Using Deep Neural Networks. <i>Remote Sensing</i> , 2019, 11, 1762.	1.8	120
10	Cluster-Based Landmark and Event Detection for Tagged Photo Collections. <i>IEEE MultiMedia</i> , 2011, 18, 52-63.	1.5	118
11	Large-scale evaluation of splicing localization algorithms for web images. <i>Multimedia Tools and Applications</i> , 2017, 76, 4801-4834.	2.6	116
12	Temporal Video Segmentation to Scenes Using High-Level Audiovisual Features. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2011, 21, 1163-1177.	5.6	114
13	Semantic Annotation of Images and Videos for Multimedia Analysis. <i>Lecture Notes in Computer Science</i> , 2005, , 592-607.	1.0	110
14	Location Extraction from Social Media. <i>ACM Transactions on Information Systems</i> , 2018, 36, 1-27.	3.8	105
15	A Comprehensive Study Over VLAD and Product Quantization in Large-Scale Image Retrieval. <i>IEEE Transactions on Multimedia</i> , 2014, 16, 1713-1728.	5.2	103
16	Detection and visualization of misleading content on Twitter. <i>International Journal of Multimedia Information Retrieval</i> , 2018, 7, 71-86.	3.6	95
17	Swarm Intelligence for Detecting Interesting Events in Crowded Environments. <i>IEEE Transactions on Image Processing</i> , 2015, 24, 2153-2166.	6.0	90
18	A Novel and Intelligent Home Monitoring System for Care Support of Elders with Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1561-1591.	1.2	87

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19	Towards content-oriented patent document processing. <i>World Patent Information</i> , 2008, 30, 21-33.	0.7	73
20	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
21	Image Analysis Techniques for Automated IVUS Contour Detection. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 1482-1498.	0.7	64
22	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
23	Utilizing a Wristband Sensor to Measure the Stress Level for People with Dementia. <i>Sensors</i> , 2016, 16, 1989.	2.1	60
24	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
25	A Survey of Semantic Image and Video Annotation Tools. <i>Lecture Notes in Computer Science</i> , 2011, , 196-239.	1.0	57
26	Social event detection using multimodal clustering and integrating supervisory signals. , 2012, , .		57
27	Efficacy and Safety of Crocus sativus L. in Patients with Mild Cognitive Impairment: One Year Single-Blind Randomized, with Parallel Groups, Clinical Trial. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 129-133.	1.2	57
28	Challenges of computational verification in social multimedia. , 2014, , .		56
29	Towards content-based patent image retrieval: A framework perspective. <i>World Patent Information</i> , 2010, 32, 94-106.	0.7	55
30	Electroencephalogram and Alzheimer's Disease: Clinical and Research Approaches. <i>International Journal of Alzheimer's Disease</i> , 2014, 2014, 1-10.	1.1	55
31	Accurate and reproducible reconstruction of coronary arteries and endothelial shear stress calculation using 3D OCT: Comparative study to 3D IVUS and 3D QCA. <i>Atherosclerosis</i> , 2015, 240, 510-519.	0.4	55
32	Content-based binary image retrieval using the adaptive hierarchical density histogram. <i>Pattern Recognition</i> , 2011, 44, 739-750.	5.1	54
33	Semantic web technologies in pervasive computing: A survey and research roadmap. <i>Pervasive and Mobile Computing</i> , 2015, 23, 1-25.	2.1	53
34	A Multimodal Approach for the Safeguarding and Transmission of Intangible Cultural Heritage: The Case of i-Treasures. <i>IEEE Intelligent Systems</i> , 2018, 33, 3-16.	4.0	53
35	Adaptive Sensitive Reweighting to Mitigate Bias in Fairness-aware Classification. , 2018, , .		53
36	Predicting Elections for Multiple Countries Using Twitter and Polls. <i>IEEE Intelligent Systems</i> , 2015, 30, 10-17.	4.0	52

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37	Brain source localization of MMN, P300 and N400: Aging and gender differences. Brain Research, 2015, 1603, 32-49.	1.1	52
38	Region-Based Image Retrieval Using an Object Ontology and Relevance Feedback. Eurasip Journal on Advances in Signal Processing, 2004, 2004, 1.	1.0	51
39	M-OntoMat-Annotizer: Image Annotation Linking Ontologies and Multimedia Low-Level Features. Lecture Notes in Computer Science, 2006, , 633-640.	1.0	50
40	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
41	Mixture Subclass Discriminant Analysis. IEEE Signal Processing Letters, 2011, 18, 319-322.	2.1	48
42	iKnow: Ontology-driven situational awareness for the recognition of activities of daily living. Pervasive and Mobile Computing, 2017, 40, 17-41.	2.1	48
43	Detecting image splicing in the wild (WEB). , 2015, , .		47
44	Near-Duplicate Video Retrieval with Deep Metric Learning. , 2017, , .		47
45	Co-Clustering Tags and Social Data Sources. , 2008, , .		46
46	Enquiring MPEG-7 based multimedia ontologies. Multimedia Tools and Applications, 2010, 46, 331-370.	2.6	46
47	Near-Duplicate Video Retrieval by Aggregating Intermediate CNN Layers. Lecture Notes in Computer Science, 2017, , 251-263.	1.0	46
48	Verifying information with multimedia content on twitter. Multimedia Tools and Applications, 2018, 77, 15545-15571.	2.6	46
49	Spatiotemporal segmentation and tracking of objects for visualization of videoconference image sequences. IEEE Transactions on Circuits and Systems for Video Technology, 2000, 10, 1388-1402.	5.6	45
50	A Comparison Study on EEG Signal Processing Techniques Using Motor Imagery EEG Data. , 2017, , .		45
51	A Graph-Based Clustering Scheme for Identifying Related Tags in Folksonomies. Lecture Notes in Computer Science, 2010, , 65-76.	1.0	44
52	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
53	A Gamified Augmented Reality Application for Digital Heritage and Tourism. Applied Sciences (Switzerland), 2020, 10, 7868.	1.3	43
54	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

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55	easIE. ACM Transactions on Internet Technology, 2018, 18, 1-21.	3.0	40
56	FIVR: Fine-Grained Incident Video Retrieval. IEEE Transactions on Multimedia, 2019, 21, 2638-2652.	5.2	40
57	ViSiL: Fine-Grained Spatio-Temporal Video Similarity Learning. , 2019, , .		40
58	Knowledge representation and semantic annotation of multimedia content. IET Computer Vision, 2006, 153, 255.	1.3	39
59	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
60	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
61	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
62	An Empirical Study of Multi-label Learning Methods for Video Annotation. , 2009, , .		37
63	GalenOWL: Ontology-based drug recommendations discovery. Journal of Biomedical Semantics, 2012, 3, 14.	0.9	37
64	Event-based media processing and analysis: A survey of the literature. Image and Vision Computing, 2016, 53, 3-19.	2.7	37
65	DemaWare2: Integrating sensors, multimedia and semantic analysis for the ambient care of dementia. Pervasive and Mobile Computing, 2017, 34, 126-145.	2.1	36
66	Evaluation of speech-based protocol for detection of early-stage dementia. , 0, , .		36
67	Recognition of Activities of Daily Living for Smart Home Environments. , 2013, , .		33
68	Personalized Privacy-aware Image Classification. , 2016, , .		33
69	3D object articulation and motion estimation in model-based stereoscopic videoconference image sequence analysis and coding. Signal Processing: Image Communication, 1999, 14, 817-840.	1.8	32
70	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
71	VisDrone-VDT2018: The Vision Meets Drone Video Detection and Tracking Challenge Results. Lecture Notes in Computer Science, 2019, , 496-518.	1.0	32
72	News Articles Classification Using Random Forests and Weighted Multimodal Features. Lecture Notes in Computer Science, 2014, , 63-75.	1.0	31

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73	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
74	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
75	Building and evaluating resources for sentiment analysis in the Greek language. Language Resources and Evaluation, 2018, 52, 1021-1044.	1.8	30
76	Concept-based patent image retrieval. World Patent Information, 2012, 34, 292-303.	0.7	29
77	Multimodal Graph-based Event Detection and Summarization in Social Media Streams. , 2015, , .		29
78	SP-ACT: A hybrid framework for complex activity recognition combining OWL and SPARQL rules. , 2013, , .		28
79	Panacea, a semantic-enabled drug recommendations discovery framework. Journal of Biomedical Semantics, 2014, 5, 13.	0.9	28
80	Remote monitoring technologies in Alzheimer's disease: design of the RADAR-AD study. Alzheimer's Research and Therapy, 2021, 13, 89.	3.0	28
81	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
82	Gradual transition detection using color coherence and other criteria in a video shot meta-segmentation framework. , 2008, , .		26
83	Robust Temporal Activity Templates Using Higher Order Statistics. IEEE Transactions on Image Processing, 2009, 18, 2756-2768.	6.0	26
84	A soft frequent pattern mining approach for textual topic detection. , 2014, , .		26
85	ImproveMyCity. , 2013, , .		25
86	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
87	Is brain connectome research the future frontier for subjective cognitive decline? A systematic review. Clinical Neurophysiology, 2019, 130, 1762-1780.	0.7	25
88	A corpus of debunked and verified user-generated videos. Online Information Review, 2019, 43, 72-88.	2.2	25
89	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
90	Combining Global and Local Information for Knowledge-Assisted Image Analysis and Classification. Eurasip Journal on Advances in Signal Processing, 2007, 2007, .	1.0	24

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91	A hybrid ontology and visual-based retrieval model for cultural heritage multimedia collections. <i>International Journal of Metadata, Semantics and Ontologies</i> , 2008, 3, 167.	0.2	24
92	The 2012 social event detection dataset. , 2013, , .		24
93	Visual Event Summarization on Social Media using Topic Modelling and Graph-based Ranking Algorithms. , 2015, , .		24
94	Flood Hazard and Risk Mapping by Applying an Explainable Machine Learning Framework Using Satellite Imagery and GIS Data. <i>Sustainability</i> , 2022, 14, 3251.	1.6	24
95	Deformable boundary detection of stents in angiographic images. <i>IEEE Transactions on Medical Imaging</i> , 2000, 19, 652-662.	5.4	23
96	Activity detection using Sequential Statistical Boundary Detection (SSBD). <i>Computer Vision and Image Understanding</i> , 2016, 144, 46-61.	3.0	23
97	Utilizing ambient and wearable sensors to monitor sleep and stress for people with BPSD in nursing homes. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018, 9, 261-273.	3.3	23
98	A Deep Neural Network for Oil Spill Semantic Segmentation in Sar Images. , 2018, , .		23
99	Long-Term Impact of Intelligent Monitoring Technology on People with Cognitive Impairment: An Observational Study. <i>Journal of Alzheimer's Disease</i> , 2019, 70, 757-792.	1.2	23
100	VisDrone-DET2018: The Vision Meets Drone Object Detection in Image Challenge Results. <i>Lecture Notes in Computer Science</i> , 2019, , 437-468.	1.0	23
101	Statistical Motion Information Extraction and Representation for Semantic Video Analysis. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009, 19, 1513-1528.	5.6	22
102	Improving Diversity in Image Search via Supervised Relevance Scoring. , 2015, , .		22
103	Incentive Mechanisms for Crowdsourcing Platforms. <i>Lecture Notes in Computer Science</i> , 2016, , 3-18.	1.0	22
104	Exploiting the heightened phase synchrony in patients with neuromuscular disease for the establishment of efficient motor imagery BCIs. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 90.	2.4	22
105	An error-aware gaze-based keyboard by means of a hybrid BCI system. <i>Scientific Reports</i> , 2018, 8, 13176.	1.6	22
106	Wearable Devices for Assessing Function in Alzheimer's Disease: A European Public Involvement Activity About the Features and Preferences of Patients and Caregivers. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 643135.	1.7	22
107	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
108	Geotagging Text Content With Language Models and Feature Mining. <i>Proceedings of the IEEE</i> , 2017, 105, 1971-1986.	16.4	21

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109	IVUSAngio Tool: A publicly available software for fast and accurate 3D reconstruction of coronary arteries. <i>Computers in Biology and Medicine</i> , 2013, 43, 1793-1803.	3.9	20
110	PScore: A Framework for Enhancing Privacy Awareness in Online Social Networks. , 2015, , .		20
111	Multiple Hierarchical Dirichlet Processes for anomaly detection in traffic. <i>Computer Vision and Image Understanding</i> , 2018, 169, 28-39.	3.0	20
112	SEMSOC: SEMantic, SOcial and Content-Based Clustering in Multimedia Collaborative Tagging Systems. , 2008, , .		19
113	Detection of Terrorism-related Twitter Communities using Centrality Scores. , 2017, , .		19
114	Speed Estimation and Abnormality Detection from Surveillance Cameras. , 2018, , .		19
115	A Bayesian Multiple Kernel Learning Algorithm for SSVEP BCI Detection. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019, 23, 1990-2001.	3.9	19
116	A Review of Multisensor Data Fusion Solutions in Smart Manufacturing: Systems and Trends. <i>Sensors</i> , 2022, 22, 1734.	2.1	19
117	A comparative study of object-level spatial context techniques for semantic image analysis. <i>Computer Vision and Image Understanding</i> , 2011, 115, 1288-1307.	3.0	18
118	VisDrone-SOT2018: The Vision Meets Drone Single-Object Tracking Challenge Results. <i>Lecture Notes in Computer Science</i> , 2019, , 469-495.	1.0	18
119	Multimedia Content Indexing and Retrieval Using an Object Ontology. , 2005, , 339-371.		17
120	Multi-modal scene segmentation using scene transition graphs. , 2009, , .		17
121	ARC OCT: Automatic detection of lumen border in intravascular OCT images. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 151, 21-32.	2.6	17
122	Learning to Detect Misleading Content on Twitter. , 2017, , .		17
123	People and Vehicles in Danger - A Fire and Flood Detection System in Social Media. , 2018, , .		17
124	A Riemannian Geometry Approach to Reduced and Discriminative Covariance Estimation in Brain Computer Interfaces. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 245-255.	2.5	17
125	A Data Augmentation Scheme for Geometric Deep Learning in Personalized Brain-Computer Interfaces. <i>IEEE Access</i> , 2020, 8, 162218-162229.	2.6	17
126	A Novel Connectome-based Electrophysiological Study of Subjective Cognitive Decline Related to Alzheimer's Disease by Using Resting-state High-density EEG EGI GES 300. <i>Brain Sciences</i> , 2020, 10, 392.	1.1	17

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127	Graph-Based Multimodal Clustering for Social Event Detection in Large Collections of Images. Lecture Notes in Computer Science, 2014, , 146-158.	1.0	17
128	Image clustering through community detection on hybrid image similarity graphs. , 2010, , .		16
129	High-level event detection in video exploiting discriminant concepts. , 2011, , .		16
130	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
131	Efficient motion estimation methods for fast recognition of activities of daily living. Signal Processing: Image Communication, 2017, 53, 1-12.	1.8	16
132	Detecting Tampered Videos with Multimedia Forensics and Deep Learning. Lecture Notes in Computer Science, 2019, , 374-386.	1.0	16
133	Applying Fuzzy DLs in the Extraction of Image Semantics. Lecture Notes in Computer Science, 2009, , 105-132.	1.0	16
134	Towards Semantic Detection of Smells in Cloud Infrastructure Code. , 2020, , .		16
135	An Ensemble Model for Cross-Domain Polarity Classification on Twitter. Lecture Notes in Computer Science, 2014, , 168-177.	1.0	15
136	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
137	Ontology-centered environmental information delivery for personalized decision support. Expert Systems With Applications, 2015, 42, 5032-5046.	4.4	15
138	Key Player Identification in Terrorism-Related Social Media Networks Using Centrality Measures. , 2016, , .		15
139	Hybrid Focused Crawling for Homemade Explosives Discovery on Surface and Dark Web. , 2016, , .		15
140	Early Identification of Oil Spills in Satellite Images Using Deep CNNs. Lecture Notes in Computer Science, 2019, , 424-435.	1.0	15
141	Segmentation and Content-Based Watermarking for Color Image and Image Region Indexing and Retrieval. Eurasip Journal on Advances in Signal Processing, 2002, 2002, 1.	1.0	14
142	Investigating fuzzy DLs-based reasoning in semantic image analysis. Multimedia Tools and Applications, 2010, 49, 167-194.	2.6	14
143	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
144	Collaborative event annotation in tagged photo collections. Multimedia Tools and Applications, 2014, 70, 89-118.	2.6	14

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145	Benchmarking Graph Databases on the Problem of Community Detection. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 3-14.	0.5	14
146	Assessing the Reliability of Facebook User Profiling. , 2015, , .		14
147	Social Computing for Verifying Social Media Content in Breaking News. <i>IEEE Internet Computing</i> , 2018, 22, 83-89.	3.2	14
148	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?. <i>Journal of Alzheimer's Disease</i> , 2018, 65, 543-575.	1.2	14
149	An Ontology Infrastructure for Multimedia Reasoning. <i>Lecture Notes in Computer Science</i> , 2006, , 51-60.	1.0	14
150	VERGE: A video interactive retrieval engine. , 2010, , .		13
151	High order pLSA for indexing tagged images. <i>Signal Processing</i> , 2013, 93, 2212-2228.	2.1	13
152	Swarm-based motion features for anomaly detection in crowds. , 2014, , .		13
153	Web Video Verification using Contextual Cues. , 2017, , .		13
154	A Probabilistic, Ontological Framework for Safeguarding the Intangible Cultural Heritage. <i>Journal on Computing and Cultural Heritage</i> , 2018, 11, 1-29.	1.2	13
155	Semantically Enriched Crop Type Classification and Linked Earth Observation Data to Support the Common Agricultural Policy Monitoring. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 529-552.	2.3	13
156	Unlocking the Subconscious Consumer Bias: A Survey on the Past, Present, and Future of Hybrid EEG Schemes in Neuromarketing. <i>Frontiers in Neuroergonomics</i> , 2021, 2, .	0.6	13
157	Ontology Patterns for Complex Activity Modelling. <i>Lecture Notes in Computer Science</i> , 2013, , 144-157.	1.0	13
158	A Review of Collaborative Virtual Reality Systems for the Architecture, Engineering, and Construction Industry. <i>Architecture</i> , 2022, 2, 476-496.	0.6	13
159	Two-Level Automatic Adaptation of a Distributed User Profile for Personalized News Content Delivery. <i>International Journal of Digital Multimedia Broadcasting</i> , 2008, 2008, 1-21.	0.4	12
160	Clustering of Social Tagging System Users: A Topic and Time Based Approach. <i>Lecture Notes in Computer Science</i> , 2009, , 75-86.	1.0	12
161	ClustTour. , 2010, , .		12
162	Sensor-based in-home monitoring of people with dementia using remote web technologies. , 2015, , .		12

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163	A hybrid graph-based and non-linear late fusion approach for multimedia retrieval. , 2016, , .		12
164	A multimodal dataset for authoring and editing multimedia content: The MAMEM project. Data in Brief, 2017, 15, 1048-1056.	0.5	12
165	Digiart: Building new 3D cultural heritage worlds. , 2017, , .		12
166	Hybrid focused crawling on the Surface and the Dark Web. Eurasip Journal on Information Security, 2017, 2017, .	2.4	12
167	A Hybrid Framework for News Clustering Based on the DBSCAN-Martingale and LDA. Lecture Notes in Computer Science, 2016, , 170-184.	1.0	12
168	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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 Programme YPER.. Signal Processing: Image Communication, 1998, 14, 95-110.	1.8	11
169	A Joint Content-Event Model for Event-Centric Multimedia Indexing. , 2010, , .		11
170	An Approach to Intelligent Information Fusion in Sensor Saturated Urban Environments. , 2011, , .		11
171	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
172	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
173	A Context-Aware Conversational Agent in the Rehabilitation Domain. Future Internet, 2019, 11, 231.	2.4	11
174	LAVARNET: Neural network modeling of causal variable relationships for multivariate time series forecasting. Applied Soft Computing Journal, 2020, 96, 106685.	4.1	11
175	Covariation Informed Graph Slepians for Motor Imagery Decoding. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 340-349.	2.7	11
176	Multilabel user classification using the community structure of online networks. PLoS ONE, 2017, 12, e0173347.	1.1	11
177	A Crowd Analysis Framework for Detecting Violence Scenes. , 2020, , .		11
178	Accumulated motion energy fields estimation and representation for semantic event detection. , 2008, , .		10
179	On the Use of Visual Soft Semantics for Video Temporal Decomposition to Scenes. , 2010, , .		10
180	Introduction to the special issue on image and video retrieval: theory and applications. Multimedia Tools and Applications, 2011, 55, 1-6.	2.6	10

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181	Graph-based multimodal clustering for social multimedia. <i>Multimedia Tools and Applications</i> , 2017, 76, 7897-7919.	2.6	10
182	Age-induced differences in brain neural activation elicited by visual emotional stimuli: A high-density EEG study. <i>Neuroscience</i> , 2017, 340, 268-278.	1.1	10
183	Semantic event fusion of computer vision and ambient sensor data for activity recognition to support dementia care. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 3057-3072.	3.3	10
184	Change Point Detection in Terrorism-Related Online Content Using Deep Learning Derived Indicators. <i>Information (Switzerland)</i> , 2021, 12, 274.	1.7	10
185	Heavy-Tailed Self-Similarity Modeling for Single Image Super Resolution. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 838-852.	6.0	10
186	LiFR: A Lightweight Fuzzy DL Reasoner. <i>Lecture Notes in Computer Science</i> , 2014, , 263-267.	1.0	10
187	Using Fuzzy DLs to Enhance Semantic Image Analysis. <i>Lecture Notes in Computer Science</i> , 2008, , 31-46.	1.0	10
188	Lexical Graphs for Improved Contextual Ad Recommendation. <i>Lecture Notes in Computer Science</i> , 2009, , 216-227.	1.0	10
189	Automatic event-based indexing of multimedia content using a joint content-event model. , 2010, , .		10
190	Robust Motor Imagery Classification Using Sparse Representations and Grouping Structures. <i>IEEE Access</i> , 2020, 8, 98572-98583.	2.6	10
191	Ontology-Based Trajectory Analysis for Semantic Event Detection. , 2007, , .		9
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