

Yiannis Kompatsiaris

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

490
papers

5,608
citations

36
h-index

57
g-index

558
ext. papers

7,162
ext. citations

2.4
avg, IF

6.14
L-index

#	Paper	IF	Citations
490	Community detection in Social Media. <i>Data Mining and Knowledge Discovery</i> , 2012 , 24, 515-554	5.6	364
489	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 1268-1282	6.6	238
488	Deep Learning Advances in Computer Vision with 3D Data. <i>ACM Computing Surveys</i> , 2017 , 50, 1-38	13.4	135
487	EEG-Based Brain-Computer Interfaces for Communication and Rehabilitation of People with Motor Impairment:. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 14	3.3	115
486	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	6.4	106
485	Cluster-Based Landmark and Event Detection for Tagged Photo Collections. <i>IEEE MultiMedia</i> , 2011 , 18, 52-63	2.1	98
484	Bias in data-driven artificial intelligence systemsAn introductory survey. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2020 , 10, e1356	6.9	92
483	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1713-1728	6.6	84
482	Large-scale evaluation of splicing localization algorithms for web images. <i>Multimedia Tools and Applications</i> , 2017 , 76, 4801-4834	2.5	83
481	Knowledge-assisted semantic video object detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 1210-1224	6.4	78
480	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	6.4	74
479	Swarm intelligence for detecting interesting events in crowded environments. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 2153-66	8.7	68
478	IoT Wearable Sensors and Devices in Elderly Care: A Literature Review. <i>Sensors</i> , 2020 , 20,	3.8	66
477	Oil Spill Identification from Satellite Images Using Deep Neural Networks. <i>Remote Sensing</i> , 2019 , 11, 1762	5	64
476	Location Extraction From Social Media. <i>ACM Transactions on Information Systems</i> , 2018 , 36, 1-27	4.8	63
475	Towards content-oriented patent document processing. <i>World Patent Information</i> , 2008 , 30, 21-33	1.4	63
474	Semantic Annotation of Images and Videos for Multimedia Analysis. <i>Lecture Notes in Computer Science</i> , 2005 , 592-607	0.9	62

473	Image analysis techniques for automated IVUS contour detection. <i>Ultrasound in Medicine and Biology</i> , 2008 , 34, 1482-98	3.5	55
472	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	4.3	51
471	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, 1292-302	7	50
470	STILL IMAGE SEGMENTATION TOOLS FOR OBJECT-BASED MULTIMEDIA APPLICATIONS. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2004 , 18, 701-725	1.1	45
469	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, 510-9	3.1	44
468	Predicting Elections for Multiple Countries Using Twitter and Polls. <i>IEEE Intelligent Systems</i> , 2015 , 30, 10-17	4.2	44
467	Social event detection using multimodal clustering and integrating supervisory signals 2012 ,		44
466	Utilizing a Wristband Sensor to Measure the Stress Level for People with Dementia. <i>Sensors</i> , 2016 , 16,	3.8	44
465	Challenges of computational verification in social multimedia 2014 ,		43
464	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2004 , 14, 782-795	6.4	43
463	Semantic web technologies in pervasive computing: A survey and research roadmap. <i>Pervasive and Mobile Computing</i> , 2015 , 23, 1-25	3.5	42
462	A Survey of Semantic Image and Video Annotation Tools. <i>Lecture Notes in Computer Science</i> , 2011 , 196-239		41
461	Towards content-based patent image retrieval: A framework perspective. <i>World Patent Information</i> , 2010 , 32, 94-106	1.4	41
460	Enquiring MPEG-7 based multimedia ontologies. <i>Multimedia Tools and Applications</i> , 2010 , 46, 331-370	2.5	40
459	Detection and visualization of misleading content on Twitter. <i>International Journal of Multimedia Information Retrieval</i> , 2018 , 7, 71-86	2.4	40
458	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, 129-33	4.3	39
457	Content-based binary image retrieval using the adaptive hierarchical density histogram. <i>Pattern Recognition</i> , 2011 , 44, 739-750	7.7	39
456	Detecting image splicing in the wild (WEB) 2015 ,		38

455	iKnow: Ontology-driven situational awareness for the recognition of activities of daily living. <i>Pervasive and Mobile Computing</i> , 2017 , 40, 17-41	3.5	37
454	Mixture Subclass Discriminant Analysis. <i>IEEE Signal Processing Letters</i> , 2011 , 18, 319-322	3.2	36
453	A Graph-Based Clustering Scheme for Identifying Related Tags in Folksonomies. <i>Lecture Notes in Computer Science</i> , 2010 , 65-76	0.9	36
452	Brain source localization of MMN and P300 ERPs in mild cognitive impairment and Alzheimer's disease: a high-density EEG approach. <i>Neurobiology of Aging</i> , 2017 , 55, 190-201	5.6	35
451	Electroencephalogram and Alzheimer's disease: clinical and research approaches. <i>International Journal of Alzheimer's Disease</i> , 2014 , 2014, 349249	3.7	35
450	M-OntoMat-Annotizer: Image Annotation Linking Ontologies and Multimedia Low-Level Features. <i>Lecture Notes in Computer Science</i> , 2006 , 633-640	0.9	35
449	Brain source localization of MMN, P300 and N400: aging and gender differences. <i>Brain Research</i> , 2015 , 1603, 32-49	3.7	34
448	. <i>IEEE Intelligent Systems</i> , 2018 , 33, 3-16	4.2	33
447	Mixture subclass discriminant analysis link to restricted Gaussian model and other generalizations. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 8-21	10.3	33
446	Region-Based Image Retrieval Using an Object Ontology and Relevance Feedback. <i>Eurasip Journal on Advances in Signal Processing</i> , 2004 , 2004, 1	1.9	33
445	Co-Clustering Tags and Social Data Sources 2008 ,		32
444	Event-based media processing and analysis: A survey of the literature. <i>Image and Vision Computing</i> , 2016 , 53, 3-19	3.7	32
443	easIE. <i>ACM Transactions on Internet Technology</i> , 2018 , 18, 1-21	3.8	31
442	Fusion of meteorological and air quality data extracted from the web for personalized environmental information services. <i>Environmental Modelling and Software</i> , 2015 , 64, 143-155	5.2	30
441	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2000 , 10, 1388-1402	6.4	30
440	MetaQ: A knowledge-driven framework for context-aware activity recognition combining SPARQL and OWL 2 activity patterns. <i>Pervasive and Mobile Computing</i> , 2016 , 25, 104-124	3.5	29
439	GalenOWL: Ontology-based drug recommendations discovery. <i>Journal of Biomedical Semantics</i> , 2012 , 3, 14	2.2	29
438	Cognitive MMN and P300 in mild cognitive impairment and Alzheimer's disease: A high density EEG-3D vector field tomography approach. <i>Brain Research</i> , 2016 , 1648, 425-433	3.7	29

437	A Comparison Study on EEG Signal Processing Techniques Using Motor Imagery EEG Data 2017 ,		27
436	An Empirical Study of Multi-label Learning Methods for Video Annotation 2009 ,		27
435	DemaWare2: Integrating sensors, multimedia and semantic analysis for the ambient care of dementia. <i>Pervasive and Mobile Computing</i> , 2017 , 34, 126-145	3.5	26
434	Recognition of Activities of Daily Living for Smart Home Environments 2013 ,		26
433	Knowledge representation and semantic annotation of multimedia content. <i>IET Computer Vision</i> , 2006 , 153, 255		26
432	Verifying information with multimedia content on twitter. <i>Multimedia Tools and Applications</i> , 2018 , 77, 15545-15571	2.5	24
431	Multi-modal activity recognition from egocentric vision, semantic enrichment and lifelogging applications for the care of dementia. <i>Journal of Visual Communication and Image Representation</i> , 2018 , 51, 169-190	2.7	22
430	hackAIR: Towards Raising Awareness about Air Quality in Europe by Developing a Collective Online Platform. <i>ISPRS International Journal of Geo-Information</i> , 2018 , 7, 187	2.9	22
429	A soft frequent pattern mining approach for textual topic detection 2014 ,		22
428	News Articles Classification Using Random Forests and Weighted Multimodal Features. <i>Lecture Notes in Computer Science</i> , 2014 , 63-75	0.9	22
427	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	2.8	22
426	Semantic Event Fusion of Different Visual Modality Concepts for Activity Recognition. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 1598-1611	13.3	21
425	ImproveMyCity 2013 ,		21
424	SP-ACT: A hybrid framework for complex activity recognition combining OWL and SPARQL rules 2013 ,		21
423	Gradual transition detection using color coherence and other criteria in a video shot meta-segmentation framework 2008 ,		21
422	Near-Duplicate Video Retrieval by Aggregating Intermediate CNN Layers. <i>Lecture Notes in Computer Science</i> , 2017 , 251-263	0.9	20
421	. <i>IEEE Transactions on Multimedia</i> , 2019 , 21, 2638-2652	6.6	20
420	Single-Trial NIRS Data Classification for Brain-Computer Interfaces Using Graph Signal Processing. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018 , 26, 1700-1709	4.8	20

419	Panacea, a semantic-enabled drug recommendations discovery framework. <i>Journal of Biomedical Semantics</i> , 2014 , 5, 13	2.2	20
418	Robust temporal activity templates using higher order statistics. <i>IEEE Transactions on Image Processing</i> , 2009 , 18, 2756-68	8.7	20
417	Adaptive Sensitive Reweighting to Mitigate Bias in Fairness-aware Classification 2018 ,		20
416	Content-aware detection of JPEG grid inconsistencies for intuitive image forensics. <i>Journal of Visual Communication and Image Representation</i> , 2018 , 54, 155-170	2.7	19
415	Association of global and local low endothelial shear stress with high-risk plaque using intracoronary 3D optical coherence tomography: Introduction of 'shear stress score'. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 888-897	4.1	19
414	Near-Duplicate Video Retrieval with Deep Metric Learning 2017 ,		19
413	Personalized Privacy-aware Image Classification 2016 ,		19
412	A corpus of debunked and verified user-generated videos. <i>Online Information Review</i> , 2019 , 43, 72-88	2	18
411	Improving Diversity in Image Search via Supervised Relevance Scoring 2015 ,		18
410	VisDrone-VDT2018: The Vision Meets Drone Video Detection and Tracking Challenge Results. <i>Lecture Notes in Computer Science</i> , 2019 , 496-518	0.9	18
409	Multimodal Graph-based Event Detection and Summarization in Social Media Streams 2015 ,		17
408	Concept-based patent image retrieval. <i>World Patent Information</i> , 2012 , 34, 292-303	1.4	17
407	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	0.6	17
406	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	3.7	16
405	Activity detection using Sequential Statistical Boundary Detection (SSBD). <i>Computer Vision and Image Understanding</i> , 2016 , 144, 46-61	4.3	16
404	IVUSAngio tool: a publicly available software for fast and accurate 3D reconstruction of coronary arteries. <i>Computers in Biology and Medicine</i> , 2013 , 43, 1793-803	7	16
403	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 1513-1528	6.4	16
402	Applying Fuzzy DLs in the Extraction of Image Semantics. <i>Lecture Notes in Computer Science</i> , 2009 , 105-132		16

401	Visual Event Summarization on Social Media using Topic Modelling and Graph-based Ranking Algorithms 2015 ,		15
400	PScore: A Framework for Enhancing Privacy Awareness in Online Social Networks 2015 ,		15
399	Geotagging Text Content With Language Models and Feature Mining. <i>Proceedings of the IEEE</i> , 2017 , 105, 1971-1986	14.3	15
398	A comparative study of object-level spatial context techniques for semantic image analysis. <i>Computer Vision and Image Understanding</i> , 2011 , 115, 1288-1307	4.3	15
397	SEMSOC: SEMantic, SOcial and Content-Based Clustering in Multimedia Collaborative Tagging Systems 2008 ,		15
396	Incentive Mechanisms for Crowdsourcing Platforms. <i>Lecture Notes in Computer Science</i> , 2016 , 3-18	0.9	14
395	Building and evaluating resources for sentiment analysis in the Greek language. <i>Language Resources and Evaluation</i> , 2018 , 52, 1021-1044	1.8	14
394	ARCOCT: Automatic detection of lumen border in intravascular OCT images. <i>Computer Methods and Programs in Biomedicine</i> , 2017 , 151, 21-32	6.9	14
393	Learning to Detect Misleading Content on Twitter 2017 ,		14
392	High-level event detection in video exploiting discriminant concepts 2011 ,		14
391	Multi-modal scene segmentation using scene transition graphs 2009 ,		14
390	3-D model-based segmentation of videoconference image sequences. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 1998 , 8, 547-561	6.4	14
389	Deformable boundary detection of stents in angiographic images. <i>IEEE Transactions on Medical Imaging</i> , 2000 , 19, 652-62	11.7	14
388	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	5.3	14
387	Is brain connectome research the future frontier for subjective cognitive decline? A systematic review. <i>Clinical Neurophysiology</i> , 2019 , 130, 1762-1780	4.3	13
386	Clinical validation of an algorithm for rapid and accurate automated segmentation of intracoronary optical coherence tomography images. <i>International Journal of Cardiology</i> , 2014 , 172, 568-80	3.2	13
385	The 2012 social event detection dataset 2013 ,		13
384	Image clustering through community detection on hybrid image similarity graphs 2010 ,		13

383	Combining Global and Local Information for Knowledge-Assisted Image Analysis and Classification. <i>Eurasip Journal on Advances in Signal Processing</i> , 2007 , 2007,	1.9	13
382	ViSiL: Fine-Grained Spatio-Temporal Video Similarity Learning 2019 ,		13
381	A Gamified Augmented Reality Application for Digital Heritage and Tourism. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7868	2.6	13
380	Detection of Terrorism-related Twitter Communities using Centrality Scores 2017 ,		12
379	Assessing the Reliability of Facebook User Profiling 2015 ,		12
378	Evidence-driven image interpretation by combining implicit and explicit knowledge in a Bayesian network. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 1366-81		12
377	ClustTour 2010 ,		12
376	Multimedia Content Indexing and Retrieval Using an Object Ontology 2005 , 339-371		12
375	Graph-Based Multimodal Clustering for Social Event Detection in Large Collections of Images. <i>Lecture Notes in Computer Science</i> , 2014 , 146-158	0.9	12
374	Evaluation of speech-based protocol for detection of early-stage dementia		12
373	Ontology-centered environmental information delivery for personalized decision support. <i>Expert Systems With Applications</i> , 2015 , 42, 5032-5046	7.8	11
372	Efficient motion estimation methods for fast recognition of activities of daily living. <i>Signal Processing: Image Communication</i> , 2017 , 53, 1-12	2.8	10
371	An Ensemble Model for Cross-Domain Polarity Classification on Twitter. <i>Lecture Notes in Computer Science</i> , 2014 , 168-177	0.9	10
370	VERGE: A video interactive retrieval engine 2010 ,		10
369	Investigating fuzzy DLs-based reasoning in semantic image analysis. <i>Multimedia Tools and Applications</i> , 2010 , 49, 167-194	2.5	10
368	Multilabel user classification using the community structure of online networks. <i>PLoS ONE</i> , 2017 , 12, e0173347	3.7	10
367	Remote monitoring technologies in Alzheimer's disease: design of the RADAR-AD study. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 89	9	10
366	Hybrid Focused Crawling for Homemade Explosives Discovery on Surface and Dark Web 2016 ,		10

365	A Bayesian Multiple Kernel Learning Algorithm for SSVEP BCI Detection. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2019 , 23, 1990-2001	7.2	10
364	An Ontology Infrastructure for Multimedia Reasoning. <i>Lecture Notes in Computer Science</i> , 2006 , 51-60	0.9	10
363	VisDrone-DET2018: The Vision Meets Drone Object Detection in Image Challenge Results. <i>Lecture Notes in Computer Science</i> , 2019 , 437-468	0.9	9
362	Multiple Hierarchical Dirichlet Processes for anomaly detection in traffic. <i>Computer Vision and Image Understanding</i> , 2018 , 169, 28-39	4.3	9
361	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	4.3	9
360	High order pLSA for indexing tagged images. <i>Signal Processing</i> , 2013 , 93, 2212-2228	4.4	9
359	Web Video Verification using Contextual Cues 2017 ,		9
358	Swarm-based motion features for anomaly detection in crowds 2014 ,		9
357	Collaborative event annotation in tagged photo collections. <i>Multimedia Tools and Applications</i> , 2014 , 70, 89-118	2.5	9
356	Introduction to the special issue on image and video retrieval: theory and applications. <i>Multimedia Tools and Applications</i> , 2011 , 55, 1-6	2.5	9
355	An eye-tracking-based approach to facilitate interactive video search 2011 ,		9
354	A Hybrid Framework for News Clustering Based on the DBSCAN-Martingale and LDA. <i>Lecture Notes in Computer Science</i> , 2016 , 170-184	0.9	9
353	Using Fuzzy DLs to Enhance Semantic Image Analysis. <i>Lecture Notes in Computer Science</i> , 2008 , 31-46	0.9	9
352	Ontology Patterns for Complex Activity Modelling. <i>Lecture Notes in Computer Science</i> , 2013 , 144-157	0.9	9
351	Key Player Identification in Terrorism-Related Social Media Networks Using Centrality Measures 2016 ,		9
350	An error-aware gaze-based keyboard by means of a hybrid BCI system. <i>Scientific Reports</i> , 2018 , 8, 13176	4.9	9
349	People and Vehicles in Danger - A Fire and Flood Detection System in Social Media 2018 ,		9
348	Graph-based multimodal clustering for social multimedia. <i>Multimedia Tools and Applications</i> , 2017 , 76, 7897-7919	2.5	8

347	Multimedia retrieval based on non-linear graph-based fusion and partial least squares regression. <i>Multimedia Tools and Applications</i> , 2017 , 76, 22383-22403	2.5	8
346	VisDrone-SOT2018: The Vision Meets Drone Single-Object Tracking Challenge Results. <i>Lecture Notes in Computer Science</i> , 2019 , 469-495	0.9	8
345	Hybrid focused crawling on the Surface and the Dark Web. <i>Eurasip Journal on Information Security</i> , 2017 , 2017,	3.8	8
344	Social Computing for Verifying Social Media Content in Breaking News. <i>IEEE Internet Computing</i> , 2018 , 22, 83-89	2.4	8
343	A hybrid graph-based and non-linear late fusion approach for multimedia retrieval 2016 ,		8
342	Age-induced differences in brain neural activation elicited by visual emotional stimuli: A high-density EEG study. <i>Neuroscience</i> , 2017 , 340, 268-278	3.9	8
341	A multimodal dataset for authoring and editing multimedia content: The MAMEM project. <i>Data in Brief</i> , 2017 , 15, 1048-1056	1.2	8
340	Geotagging Social Media Content with a Refined Language Modelling Approach. <i>Lecture Notes in Computer Science</i> , 2015 , 21-40	0.9	8
339	Benchmarking Graph Databases on the Problem of Community Detection. <i>Advances in Intelligent Systems and Computing</i> , 2015 , 3-14	0.4	8
338	Differential Edit Distance: A Metric for Scene Segmentation Evaluation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2012 , 22, 904-914	6.4	8
337	Enhancing video concept detection with the use of tomographs 2013 ,		8
336	A Joint Content-Event Model for Event-Centric Multimedia Indexing 2010 ,		8
335	An Approach to Intelligent Information Fusion in Sensor Saturated Urban Environments 2011 ,		8
334	Spatiotemporally localized new event detection in crowds 2011 ,		8
333	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	1.9	8
332	A Comparative Study on the Use of Multi-label Classification Techniques for Concept-Based Video Indexing and Annotation. <i>Lecture Notes in Computer Science</i> , 2014 , 1-12	0.9	8
331	LiFR: A Lightweight Fuzzy DL Reasoner. <i>Lecture Notes in Computer Science</i> , 2014 , 263-267	0.9	8
330	Emerging, Collective Intelligence for Personal, Organisational and Social Use. <i>Studies in Computational Intelligence</i> , 2011 , 527-573	0.8	8

329	Building an Environmental Information System for Personalized Content Delivery. <i>IFIP Advances in Information and Communication Technology</i> , 2011 , 169-176	0.5	8
328	A social media analytics platform visualising the spread of COVID-19 in Italy via exploitation of automatically geotagged tweets. <i>Online Social Networks and Media</i> , 2021 , 23, 100134	3.3	8
327	Detecting Tampered Videos with Multimedia Forensics and Deep Learning. <i>Lecture Notes in Computer Science</i> , 2019 , 374-386	0.9	8
326	A Deep Neural Network for Oil Spill Semantic Segmentation in Sar Images 2018 ,		8
325	Semantic Image Analysis Using a Learning Approach and Spatial Context. <i>Lecture Notes in Computer Science</i> , 2006 , 199-211	0.9	8
324	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,	3.4	7
323	Discriminative codewaves: a symbolic dynamics approach to SSVEP recognition for asynchronous BCI. <i>Journal of Neural Engineering</i> , 2018 , 15, 026008	5	7
322	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	4.3	7
321	Video Tomographs and a Base Detector Selection Strategy for Improving Large-Scale Video Concept Detection. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 1251-1264	6.4	7
320	Digiart: Building new 3D cultural heritage worlds 2017 ,		7
319	Multi-sensing Monitoring and Knowledge-driven Analysis for Dementia Assessment. <i>International Journal of E-Health and Medical Communications</i> , 2015 , 6, 77-92	1.4	7
318	Sensor-based in-home monitoring of people with dementia using remote web technologies 2015 ,		7
317	Real-time health monitoring and contextualised alerts using wearables 2015 ,		7
316	Activity detection and recognition of daily living events 2013 ,		7
315	On the Use of Visual Soft Semantics for Video Temporal Decomposition to Scenes 2010 ,		7
314	Environmental data extraction from multimedia resources 2012 ,		7
313	Timely, robust crowd event characterization 2012 ,		7
312	Accumulated motion energy fields estimation and representation for semantic event detection 2008 ,		7

311	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	0.8	7
310	Automatic event-based indexing of multimedia content using a joint content-event model 2010 ,		7
309	Towards Semantic Detection of Smells in Cloud Infrastructure Code 2020 ,		7
308	Knowledge-Driven Activity Recognition and Segmentation Using Context Connections. <i>Lecture Notes in Computer Science</i> , 2014 , 260-275	0.9	7
307	Towards Air Quality Estimation Using Collected Multimodal Environmental Data. <i>Lecture Notes in Computer Science</i> , 2016 , 147-156	0.9	7
306	WeMake: A Framework for Letting Students Create Tangible, Embedded and Embodied Environments for Their Own STEAM Learning. <i>Lecture Notes in Computer Science</i> , 2017 , 3-18	0.9	7
305	A Test-Bed for Region-Based Image Retrieval Using Multiple Segmentation Algorithms and the MPEG-7 eXperimentation Model: The Schema Reference System. <i>Lecture Notes in Computer Science</i> , 2004 , 592-600	0.9	7
304	Lexical Graphs for Improved Contextual Ad Recommendation. <i>Lecture Notes in Computer Science</i> , 2009 , 216-227	0.9	7
303	A Data Augmentation Scheme for Geometric Deep Learning in Personalized Brain-Computer Interfaces. <i>IEEE Access</i> , 2020 , 8, 162218-162229	3.5	7
302	On the Use of Audio Events for Improving Video Scene Segmentation. <i>Lecture Notes in Electrical Engineering</i> , 2013 , 3-19	0.2	7
301	Dynamic texture recognition and localization in machine vision for outdoor environments. <i>Computers in Industry</i> , 2018 , 98, 1-13	11.6	6
300	MGraph: multimodal event summarization in social media using topic models and graph-based ranking. <i>International Journal of Multimedia Information Retrieval</i> , 2016 , 5, 51-69	2.4	6
299	Activities of daily living recognition using optimal trajectories from motion boundaries. <i>Journal of Ambient Intelligence and Smart Environments</i> , 2015 , 7, 817-834	2.2	6
298	Scalable training with approximate incremental laplacian eigenmaps and PCA 2013 ,		6
297	The Dynamics of Content Popularity in Social Media. <i>International Journal of Data Warehousing and Mining</i> , 2010 , 6, 20-37	1	6
296	Human Motion Analysis via Statistical Motion Processing and Sequential Change Detection. <i>Eurasip Journal on Image and Video Processing</i> , 2009 , 2009, 1-16	2.5	6
295	City exploration by use of spatio-temporal analysis and clustering of user contributed photos 2011 ,		6
294	High-level event detection system based on discriminant visual concepts 2011 ,		6

293	Semi-supervised object recognition using flickr images 2011 ,		6
292	SocialSensor 2012 ,		6
291	Clustering of Social Tagging System Users: A Topic and Time Based Approach. <i>Lecture Notes in Computer Science</i> , 2009 , 75-86	0.9	6
290	A semantic framework for personalized ad recommendation based on advanced textual analysis 2009 ,		6
289	Comparative evaluation of spatial context techniques for semantic image analysis 2009 ,		6
288	A System for the Semantic Multimodal Analysis of News Audio-Visual Content. <i>Eurasip Journal on Advances in Signal Processing</i> , 2010 , 2010,	1.9	6
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