

Jiebo Luo

List of Publications by Year in descending order

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Version: 2024-02-01

268
papers

13,231
citations

50244

46
h-index

43868

91
g-index

274
all docs

274
docs citations

274
times ranked

9500
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning multi-label scene classification. Pattern Recognition, 2004, 37, 1757-1771.	5.1	1,884
2	Image Captioning with Semantic Attention. , 2016, , .		1,078
3	A Multimedia Retrieval Framework Based on Semi-Supervised Ranking and Relevance Feedback. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 723-742.	9.7	426
4	Visual Event Recognition in Videos by Learning from Web Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1667-1680.	9.7	349
5	Aesthetics and Emotions in Images. IEEE Signal Processing Magazine, 2011, 28, 94-115.	4.6	300
6	Towards Scalable Summarization of Consumer Videos Via Sparse Dictionary Selection. IEEE Transactions on Multimedia, 2012, 14, 66-75.	5.2	247
7	Image segmentation via adaptive K-mean clustering and knowledge-based morphological operations with biomedical applications. IEEE Transactions on Image Processing, 1998, 7, 1673-1683.	6.0	223
8	Effective Multiple Feature Hashing for Large-Scale Near-Duplicate Video Retrieval. IEEE Transactions on Multimedia, 2013, 15, 1997-2008.	5.2	213
9	Understanding Kin Relationships in a Photo. IEEE Transactions on Multimedia, 2012, 14, 1046-1056.	5.2	201
10	Action recognition using context and appearance distribution features. , 2011, , .		171
11	A Fast and Accurate One-Stage Approach to Visual Grounding. , 2019, , .		167
12	Geotagging in multimedia and computer vision—a survey. Multimedia Tools and Applications, 2011, 51, 187-211.	2.6	156
13	Ranking with local regression and global alignment for cross media retrieval. , 2009, , .		153
14	Mining Fashion Outfit Composition Using an End-to-End Deep Learning Approach on Set Data. IEEE Transactions on Multimedia, 2017, 19, 1946-1955.	5.2	147
15	Probabilistic Exposure Fusion. IEEE Transactions on Image Processing, 2012, 21, 341-357.	6.0	138
16	Improving Pairwise Ranking for Multi-label Image Classification. , 2017, , .		129
17	Self-taught dimensionality reduction on the high-dimensional small-sized data. Pattern Recognition, 2013, 46, 215-229.	5.1	126
18	Cross-modality Consistent Regression for Joint Visual-Textual Sentiment Analysis of Social Multimedia. , 2016, , .		123

#	ARTICLE	IF	CITATIONS
19	Improved scene classification using efficient low-level features and semantic cues. Pattern Recognition, 2004, 37, 1773-1784.	5.1	122
20	AET vs. AED: Unsupervised Representation Learning by Auto-Encoding Transformations Rather Than Data. , 2019, , .		122
21	Action Recognition With Spatio-temporal Visual Attention on Skeleton Image Sequences. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2405-2415.	5.6	117
22	User-Friendly Interactive Image Segmentation Through Unified Combinatorial User Inputs. IEEE Transactions on Image Processing, 2010, 19, 2470-2479.	6.0	112
23	ADN: Artifact Disentanglement Network for Unsupervised Metal Artifact Reduction. IEEE Transactions on Medical Imaging, 2020, 39, 634-643.	5.4	112
24	A Bayesian network-based framework for semantic image understanding. Pattern Recognition, 2005, 38, 919-934.	5.1	105
25	Small Data Challenges in Big Data Era: A Survey of Recent Progress on Unsupervised and Semi-Supervised Methods. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 2168-2187.	9.7	105
26	Holistic CNN Compression via Low-Rank Decomposition with Knowledge Transfer. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2889-2905.	9.7	103
27	Probabilistic spatial context models for scene content understanding. , 0, , .		99
28	Towards Extracting Semantically Meaningful Key Frames From Personal Video Clips: From Humans to Computers. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 289-301.	5.6	93
29	Interactively Co-segmentating Topically Related Images with Intelligent Scribble Guidance. International Journal of Computer Vision, 2011, 93, 273-292.	10.9	93
30	Weakly Semi-Supervised Deep Learning for Multi-Label Image Annotation. IEEE Transactions on Big Data, 2015, 1, 109-122.	4.4	93
31	End-to-end Multi-Modal Multi-Task Vehicle Control for Self-Driving Cars with Visual Perceptions. , 2018, , .		92
32	The wisdom of social multimedia. , 2010, , .		91
33	Attentive Relational Networks for Mapping Images to Scene Graphs. , 2019, , .		91
34	Visual event recognition in videos by learning from web data. , 2010, , .		89
35	Large-scale multimodal semantic concept detection for consumer video. , 2007, , .		88
36	Beyond pixels: Exploiting camera metadata for photo classification. Pattern Recognition, 2005, 38, 935-946.	5.1	87

#	ARTICLE	IF	CITATIONS
37	Kodak's consumer video benchmark data set. , 2007, , .		87
38	A Deep Structured Model with Radiusâ€™Margin Bound for 3D Human Activity Recognition. International Journal of Computer Vision, 2016, 118, 256-273.	10.9	85
39	Anatomy-Aware 3D Human Pose Estimation With Bone-Based Pose Decomposition. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 198-209.	5.6	80
40	Artifact reduction in low bit rate DCT-based image compression. IEEE Transactions on Image Processing, 1996, 5, 1363-1368.	6.0	77
41	Multi-modal deep feature learning for RGB-D object detection. Pattern Recognition, 2017, 72, 300-313.	5.1	77
42	Learning Rich Part Hierarchies With Progressive Attention Networks for Fine-Grained Image Recognition. IEEE Transactions on Image Processing, 2020, 29, 476-488.	6.0	75
43	stagNet: An Attentive Semantic RNN for Group Activity Recognition. Lecture Notes in Computer Science, 2018, , 104-120.	1.0	75
44	Improving One-Stage Visual Grounding by Recursive Sub-query Construction. Lecture Notes in Computer Science, 2020, , 387-404.	1.0	75
45	Color object detection using spatial-color joint probability functions. IEEE Transactions on Image Processing, 2006, 15, 1443-1453.	6.0	73
46	stagNet: An Attentive Semantic RNN for Group Activity and Individual Action Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 549-565.	5.6	72
47	Action Recognition by Learning Deep Multi-Granular Spatio-Temporal Video Representation. , 2016, , .		72
48	Effective Active Skeleton Representation for Low Latency Human Action Recognition. IEEE Transactions on Multimedia, 2016, 18, 141-154.	5.2	71
49	Learning effective Gait features using LSTM. , 2016, , .		69
50	Aworldwide tourism recommendation system based on geotaggedweb photos. , 2010, , .		67
51	Seeing People in Social Context: Recognizing People and Social Relationships. Lecture Notes in Computer Science, 2010, , 169-182.	1.0	66
52	Spatiotemporal Analyses of Osteogenesis and Angiogenesis via Intravital Imaging in Cranial Bone Defect Repair. Journal of Bone and Mineral Research, 2015, 30, 1217-1230.	3.1	66
53	Joint Vertebrae Identification and Localization in Spinal CT Images by Combining Short- and Long-Range Contextual Information. IEEE Transactions on Medical Imaging, 2018, 37, 1266-1275.	5.4	65
54	Annotating photo collections by label propagation according to multiple similarity cues. , 2008, , .		64

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55	Joint Visual-Textual Sentiment Analysis with Deep Neural Networks. , 2015, , .		62
56	A Hierarchical Compositional Model for Face Representation and Sketching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 955-969.	9.7	61
57	Event recognition. , 2008, , .		60
58	Tag-based web photo retrieval improved by batch mode re-tagging. , 2010, , .		60
59	Building Risk Prediction Models for Type 2 Diabetes Using Machine Learning Techniques. Preventing Chronic Disease, 2019, 16, E130.	1.7	59
60	A robust technique for image descreening based on the wavelet transform. IEEE Transactions on Signal Processing, 1998, 46, 1179-1184.	3.2	56
61	Inferring generic activities and events from image content and bags of geo-tags. , 2008, , .		56
62	Enhancing semantic and geographic annotation of web images via logistic canonical correlation regression. , 2009, , .		56
63	A physical model-based approach to detecting sky in photographic images. IEEE Transactions on Image Processing, 2002, 11, 201-212.	6.0	55
64	Integrating Scene Text and Visual Appearance for Fine-Grained Image Classification. IEEE Access, 2018, 6, 66322-66335.	2.6	52
65	Monitoring Depression Trends on Twitter During the COVID-19 Pandemic: Observational Study. JMIR Formative Research, 2021, 1, e26769.	0.7	52
66	Finding perfect rendezvous on the go. , 2012, , .		51
67	Adaptive Greedy Dictionary Selection for Web Media Summarization. IEEE Transactions on Image Processing, 2017, 26, 185-195.	6.0	51
68	The Ivory Tower Lost: How College Students Respond Differently than the General Public to the COVID-19 Pandemic. , 2020, , .		51
69	Image Annotation Within the Context of Personal Photo Collections Using Hierarchical Event and Scene Models. IEEE Transactions on Multimedia, 2009, 11, 208-219.	5.2	50
70	Textual Query of Personal Photos Facilitated by Large-Scale Web Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1022-1036.	9.7	50
71	Image-Based Appraisal of Real Estate Properties. IEEE Transactions on Multimedia, 2017, 19, 2751-2759.	5.2	48
72	Retrieval-Based Face Annotation by Weak Label Regularized Local Coordinate Coding. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 550-563.	9.7	47

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73	Deep sparse feature selection for computer aided endoscopy diagnosis. Pattern Recognition, 2015, 48, 907-917.	5.1	47
74	Constrained Clustering With Nonnegative Matrix Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1514-1526.	7.2	47
75	Tag-Based Image Retrieval Improved by Augmented Features and Group-Based Refinement. IEEE Transactions on Multimedia, 2012, 14, 1057-1067.	5.2	46
76	Perceptual grouping of segmented regions in color images. Pattern Recognition, 2003, 36, 2781-2792.	5.1	45
77	Constructing biomedical domain-specific knowledge graph with minimum supervision. Knowledge and Information Systems, 2020, 62, 317-336.	2.1	45
78	Sense and Sensibility: Characterizing Social Media Users Regarding the Use of Controversial Terms for COVID-19. IEEE Transactions on Big Data, 2021, 7, 952-960.	4.4	45
79	Pictures are not taken in a vacuum - an overview of exploiting context for semantic scene content understanding. IEEE Signal Processing Magazine, 2006, 23, 101-114.	4.6	44
80	A Subspace Model-Based Approach to Face Relighting Under Unknown Lighting and Poses. IEEE Transactions on Image Processing, 2008, 17, 1331-1341.	6.0	44
81	Sports Video Captioning via Attentive Motion Representation and Group Relationship Modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2617-2633.	5.6	44
82	Learning multi-label scene classification*1. Pattern Recognition, 2004, 37, 1757-1757.	5.1	42
83	Self-Supervised Online Metric Learning With Low Rank Constraint for Scene Categorization. IEEE Transactions on Image Processing, 2013, 22, 3179-3191.	6.0	42
84	Social media study of public opinions on potential COVID-19 vaccines: informing dissent, disparities, and dissemination. Intelligent Medicine, 2022, 2, 1-12.	1.6	42
85	User Perceptions of Different Electronic Cigarette Flavors on Social Media: Observational Study. Journal of Medical Internet Research, 2020, 22, e17280.	2.1	42
86	Deep Phenotyping of Parkinson's Disease. Journal of Parkinson's Disease, 2020, 10, 855-873.	1.5	42
87	Automatic image orientation detection via confidence-based integration of low-level and semantic cues. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2005, 27, 715-726.	9.7	40
88	Action Recognition Using Multilevel Features and Latent Structural SVM. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1422-1431.	5.6	40
89	Geo-location inference from image content and user tags. , 2009, , .		39
90	Local image tagging via graph regularized joint group sparsity. Pattern Recognition, 2013, 46, 1358-1368.	5.1	39

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91	Autism spectrum disorder detection from semi-structured and unstructured medical data. <i>Eurasip Journal on Bioinformatics and Systems Biology</i> , 2016, 2017, 3.	1.4	37
92	Beyond GPS. , 2010, , .		36
93	A picture tells a thousand words“ About you! User interest profiling from user generated visual content. <i>Signal Processing</i> , 2016, 124, 45-53.	2.1	36
94	Subject Content-Based Intelligent Cropping of Digital Photos. , 2007, , .		34
95	Scene Parsing Using Region-Based Generative Models. <i>IEEE Transactions on Multimedia</i> , 2007, 9, 136-146.	5.2	34
96	Human Facial Age Estimation by Cost-Sensitive Label Ranking and Trace Norm Regularization. <i>IEEE Transactions on Multimedia</i> , 2017, 19, 136-148.	5.2	34
97	Exploring Explicit Domain Supervision for Latent Space Disentanglement in Unpaired Image-to-Image Translation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021, 43, 1254-1266.	9.7	33
98	Image Re-Attentionizing. <i>IEEE Transactions on Multimedia</i> , 2013, 15, 1910-1919.	5.2	32
99	A Multifaceted Approach to Social Multimedia-Based Prediction of Elections. <i>IEEE Transactions on Multimedia</i> , 2015, 17, 2271-2280.	5.2	32
100	Enhanced aspect-based sentiment analysis models with progressive self-supervised attention learning. <i>Artificial Intelligence</i> , 2021, 296, 103477.	3.9	32
101	A Social Media Study on the Associations of Flavored Electronic Cigarettes With Health Symptoms: Observational Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e17496.	2.1	31
102	Leveraging probabilistic season and location context models for scene understanding. , 2008, , .		30
103	The Eyes of the Beholder: Gender Prediction Using Images Posted in Online Social Networks. , 2014, , .		30
104	Characterizing Discourse about COVID-19 Vaccines: A Reddit Version of the Pandemic Story. <i>Health Data Science</i> , 2021, 2021, .	1.1	30
105	Natural scene classification using overcomplete ICA. <i>Pattern Recognition</i> , 2005, 38, 1507-1519.	5.1	29
106	Discovery of social relationships in consumer photo collections using Markov Logic. , 2008, , .		29
107	Semantics-Aware Spatial-Temporal Binaries for Cross-Modal Video Retrieval. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 2989-3004.	6.0	29
108	Mining Compositional Features From GPS and Visual Cues for Event Recognition in Photo Collections. <i>IEEE Transactions on Multimedia</i> , 2010, 12, 705-716.	5.2	28

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109	Solving cold-start problem in large-scale recommendation engines: A deep learning approach. , 2016, , .		28
110	Tracking Illicit Drug Dealing and Abuse on Instagram Using Multimodal Analysis. ACM Transactions on Intelligent Systems and Technology, 2017, 8, 1-15.	2.9	28
111	A computational approach to determination of main subject regions in photographic images. Image and Vision Computing, 2004, 22, 227-241.	2.7	27
112	Exploring Coherent Motion Patterns via Structured Trajectory Learning for Crowd Mood Modeling. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 635-648.	5.6	26
113	Face Recognition Using Spatially Constrained Earth Mover's Distance. IEEE Transactions on Image Processing, 2008, 17, 2256-2260.	6.0	25
114	CariGAN: Caricature generation through weakly paired adversarial learning. Neural Networks, 2020, 132, 66-74.	3.3	25
115	Reinforced Similarity Integration in Image-Rich Information Networks. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 448-460.	4.0	24
116	Tales of Two Cities: Using Social Media to Understand Idiosyncratic Lifestyles in Distinctive Metropolitan Areas. IEEE Transactions on Big Data, 2017, 3, 55-66.	4.4	24
117	Pinterest Board Recommendation for Twitter Users. , 2015, , .		24
118	Speeded Up Low-Rank Online Metric Learning for Object Tracking. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 922-934.	5.6	23
119	Skin disease classification versus skin lesion characterization: Achieving robust diagnosis using multi-label deep neural networks. , 2016, , .		23
120	Boundary-based Image Forgery Detection by Fast Shallow CNN. , 2018, , .		23
121	Face Off: Polarized Public Opinions on Personal Face Mask Usage during the COVID-19 Pandemic. , 2020, , .		23
122	Detecting Visually Observable Disease Symptoms from Faces. Eurasip Journal on Bioinformatics and Systems Biology, 2016, 2016, 13.	1.4	22
123	Jointly Learning Commonality and Specificity Dictionaries for Person Re-Identification. IEEE Transactions on Image Processing, 2020, 29, 7345-7358.	6.0	22
124	Image Transform Bootstrapping and Its Applications to Semantic Scene Classification. IEEE Transactions on Systems, Man, and Cybernetics, 2005, 35, 563-570.	5.5	21
125	Novel event analysis for human-machine collaborative underwater exploration. Pattern Recognition, 2019, 96, 106967.	5.1	21
126	The Influence of COVID-19 on the Well-Being of People: Big Data Methods for Capturing the Well-Being of Working Adults and Protective Factors Nationwide. Frontiers in Psychology, 2021, 12, 681091.	1.1	21

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127	Sentiment Recognition for Short Annotated GIFs Using Visual-Textual Fusion. IEEE Transactions on Multimedia, 2020, 22, 1098-1110.	5.2	20
128	Mining GPS traces and visual words for event classification. , 2008, , .		19
129	Online Similarity Learning for Big Data with Overfitting. IEEE Transactions on Big Data, 2018, 4, 78-89.	4.4	19
130	Photo Stream Alignment and Summarization for Collaborative Photo Collection and Sharing. IEEE Transactions on Multimedia, 2012, 14, 1642-1651.	5.2	18
131	What Makes an Open Source Code Popular on Git Hub?. , 2014, , .		18
132	Future-Aware Knowledge Distillation for Neural Machine Translation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 2278-2287.	4.0	18
133	STC-GAN: Spatio-Temporally Coupled Generative Adversarial Networks for Predictive Scene Parsing. IEEE Transactions on Image Processing, 2020, 29, 5420-5430.	6.0	18
134	Spatial–Temporal Relation Reasoning for Action Prediction in Videos. International Journal of Computer Vision, 2021, 129, 1484-1505.	10.9	18
135	Face location in wavelet-based video compression for high perceptual quality videoconferencing. IEEE Transactions on Circuits and Systems for Video Technology, 1996, 6, 411-414.	5.6	17
136	Inferring photographic location using geotagged web images. Multimedia Tools and Applications, 2012, 56, 131-153.	2.6	17
137	Randomized Spatial Context for Object Search. IEEE Transactions on Image Processing, 2015, 24, 1748-1762.	6.0	17
138	Regularized Deep Belief Network for Image Attribute Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1464-1477.	5.6	17
139	Learning hierarchical video representation for action recognition. International Journal of Multimedia Information Retrieval, 2017, 6, 85-98.	3.6	17
140	Fine-Grained Analysis of the Use of“Neutral and Controversial Terms for“COVID-19 on Social Media. Lecture Notes in Computer Science, 2021, , 57-67.	1.0	17
141	Recognizing Cartoon Image Gestures for Retrieval and Interactive Cartoon Clip Synthesis. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1745-1756.	5.6	16
142	Monitoring adolescent alcohol use via multimodal analysis in social multimedia. , 2015, , .		16
143	Exploiting Informative Video Segments for Temporal Action Localization. IEEE Transactions on Multimedia, 2022, 24, 274-287.	5.2	16
144	Psychophysical study of image orientation perception. Spatial Vision, 2003, 16, 429-457.	1.4	15

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145	Nonparametric Label-to-Region by search. , 2010, , .		15
146	Sentiment Analysis Using Social Multimedia. , 2015, , 31-59.		15
147	A scene adaptive and signal adaptive quantization for subband image and video compression using wavelets. IEEE Transactions on Circuits and Systems for Video Technology, 1997, 7, 343-357.	5.6	14
148	Event-Based Semantic Image Adaptation for User-Centric Mobile Display Devices. IEEE Transactions on Multimedia, 2011, 13, 432-442.	5.2	14
149	How to Become Instagram Famous: Post Popularity Prediction with Dual-Attention. , 2018, , .		14
150	Human-Centered Emotion Recognition in Animated GIFs. , 2019, , .		14
151	Assessing a Smartphone App (AlCaries) That Uses Artificial Intelligence to Detect Dental Caries in Children and Provides Interactive Oral Health Education: Protocol for a Design and Usability Testing Study. JMIR Research Protocols, 2021, 10, e32921.	0.5	14
152	On the application of Gibbs random field in image processing: from segmentation to enhancement. Journal of Electronic Imaging, 1995, 4, 187.	0.5	13
153	<title>Ground truth for training and evaluation of automatic main subject detection</title>. , 2000, 3959, 434.		13
154	A computer vision-based approach to grade simulated cataract surgeries. Machine Vision and Applications, 2015, 26, 115-125.	1.7	13
155	Grounding-Tracking-Integration. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3433-3443.	5.6	13
156	Few-Shot Ensemble Learning for Video Classification with SlowFast Memory Networks. , 2020, , .		13
157	CT volumetric data-based left ventricle motion estimation: an integrated approach. Computerized Medical Imaging and Graphics, 1995, 19, 85-100.	3.5	12
158	Normalized Kemeny and Snell distance: a novel metric for quantitative evaluation of rank-order similarity of images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2002, 24, 1147-1151.	9.7	12
159	A generalized temporal context model for classifying image collections. Multimedia Systems, 2005, 11, 82-92.	3.0	12
160	Selective hidden random fields: Exploiting domain-specific saliency for event classification. , 2008, , .		12
161	One-shot learning for fine-grained relation extraction via convolutional siamese neural network. , 2017, , .		12
162	What Contributes to a Crowdfunding Campaign's Success? Evidence and Analyses from GoFundMe Data. Journal of Social Computing, 2021, 2, 183-192.	1.5	12

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163	Displaying images on mobile devices: capabilities, issues, and solutions. <i>Wireless Communications and Mobile Computing</i> , 2002, 2, 585-594.	0.8	11
164	Using Semantic Features for Scene Classification: how Good do they Need to Be?. , 2006, , .		11
165	Exploring user image tags for geo-location inference. , 2010, , .		11
166	Using Geotags to Derive Rich Tag-Clouds for Image Annotation. , 2011, , 239-256.		11
167	Collection-based sparse label propagation and its application on social group suggestion from photos. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2011, 2, 1-21.	2.9	11
168	Learning to Produce 3D Media From a Captured 2D Video. <i>IEEE Transactions on Multimedia</i> , 2013, 15, 1569-1578.	5.2	11
169	Learning Multi-Instance Deep Ranking and Regression Network for Visual House Appraisal. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2018, 30, 1496-1506.	4.0	11
170	User attribute discovery with missing labels. <i>Pattern Recognition</i> , 2018, 73, 33-46.	5.1	11
171	Action Recognition with Visual Attention on Skeleton Images. , 2018, , .		11
172	Learning a Weakly-Supervised Video Actor-Action Segmentation Model With a Wise Selection. , 2020, , .		11
173	Misinformation versus Facts: Understanding the Influence of News regarding COVID-19 Vaccines on Vaccine Uptake. <i>Health Data Science</i> , 2022, 2022, , .	1.1	11
174	Self-supervised texture segmentation using complementary types of features. <i>Pattern Recognition</i> , 2001, 34, 2071-2082.	5.1	10
175	Reducing noisy labels in weakly labeled data for visual sentiment analysis. , 2017, , .		10
176	When saliency meets sentiment: Understanding how image content invokes emotion and sentiment. , 2017, , .		10
177	Periosteum Mimetic Coating on Structural Bone Allografts <i>via</i> Electrospray Deposition Enhances Repair and Reconstruction of Segmental Defects. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6241-6252.	2.6	10
178	Measuring Female Representation and Impact in Films over Time. <i>ACM/IMS Transactions on Data Science</i> , 2020, 1, 1-14.	2.1	10
179	Personalized Fashion Recommendation from Personal Social Media Data: An Item-to-Set Metric Learning Approach. , 2021, , .		10
180	Robust online orientation correction for radiographs in PACS environments. <i>IEEE Transactions on Medical Imaging</i> , 2006, 25, 1370-1379.	5.4	9

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181	New challenges in multimedia research for the increasingly connected and fast growing digital society. , 2007, , .		9
182	Mining compositional features for boosting. , 2008, , .		9
183	A Distortion-Sensitive Seam Carving Algorithm for Content-Aware Image Resizing. Journal of Signal Processing Systems, 2011, 65, 159-169.	1.4	9
184	Improving Bottom-up Saliency Detection by Looking into Neighbors. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1016-1028.	5.6	9
185	Estimating the camera direction of a geotagged image using reference images. Pattern Recognition, 2014, 47, 2880-2893.	5.1	9
186	Sports Video Captioning by Attentive Motion Representation based Hierarchical Recurrent Neural Networks. , 2018, , .		9
187	Joint Learning of Multiple Latent Domains and Deep Representations for Domain Adaptation. IEEE Transactions on Cybernetics, 2021, 51, 2676-2687.	6.2	9
188	Latent Memory-augmented Graph Transformer for Visual Storytelling. , 2021, , .		9
189	Annotating collections of photos using hierarchical event and scene models. , 2008, , .		8
190	Multi-type Co-clustering of General Heterogeneous Information Networks via Nonnegative Matrix Tri-Factorization. , 2016, , .		8
191	Voting with Feet: Who are Leaving Hillary Clinton and Donald Trump. , 2016, , .		8
192	UniFaceGAN: A Unified Framework for Temporally Consistent Facial Video Editing. IEEE Transactions on Image Processing, 2021, 30, 6107-6116.	6.0	8
193	Multi-Task Clustering with Model Relation Learning. , 2018, , .		8
194	Understanding Public Opinion Toward the #StopAsianHate Movement and the Relation With Racially Motivated Hate Crimes in the US. IEEE Transactions on Computational Social Systems, 2023, 10, 335-346.	3.2	8
195	<title>Performance-scalable computational approach to main-subject detection in photographs</title>. , 2001, , .		7
196	AMIGO. , 2012, , .		7
197	A practical method for counting arbitrary target objects in arbitrary scenes. , 2013, , .		7
198	Robust and accurate mobile visual localization and its applications. ACM Transactions on Multimedia Computing, Communications and Applications, 2013, 9, 1-22.	3.0	7

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199	Fine-grained mining of illicit drug use patterns using social multimedia data from instagram. , 2016, , .		7
200	Understanding what affects career progression using linkedin and twitter data. , 2017, , .		7
201	An Iterative Multi-Source Mutual Knowledge Transfer Framework for Machine Reading Comprehension. , 2020, , .		7
202	Adaptive quantization with spatial constraints in subband video compression using wavelets. , 0, , .		6
203	Towards Understanding the Effectiveness of Election Related Images in Social Media. , 2013, , .		6
204	Inferring Home Location from User's Photo Collections based on Visual Content and Mobility Patterns. , 2014, , .		6
205	Semantic Video Entity Linking Based on Visual Content and Metadata. , 2015, , .		6
206	Home Location Inference from Sparse and Noisy Data: Models and Applications. , 2015, , .		6
207	User-curated image collections: Modeling and recommendation. , 2015, , .		6
208	To Return or to Explore: Modelling Human Mobility and Dynamics in Cyberspace. , 2019, , .		6
209	Artificial intelligence-powered smartphone application, AICaries, improves at-home dental caries screening in children: Moderated and unmoderated usability test. , 2022, 1, e0000046.		6
210	Face location in wavelet-based video compression for high perceptual quality videoconferencing. , 0, , .		5
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