

Xueming Qian

List of Publications by Year in descending order

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122
papers

3,643
citations

147566

31
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161609

54
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124
all docs

124
docs citations

124
times ranked

2937
citing authors

#	ARTICLE	IF	CITATIONS
1	Semantic Annotation of High-Resolution Satellite Images via Weakly Supervised Learning. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3660-3671.	2.7	285
2	Personalized Recommendation Combining User Interest and Social Circle. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 1763-1777.	4.0	276
3	PLBP: An effective local binary patterns texture descriptor with pyramid representation. Pattern Recognition, 2011, 44, 2502-2515.	5.1	202
4	Personalized Travel Sequence Recommendation on Multi-Source Big Social Media. IEEE Transactions on Big Data, 2016, 2, 43-56.	4.4	160
5	Rating Prediction Based on Social Sentiment From Textual Reviews. IEEE Transactions on Multimedia, 2016, 18, 1910-1921.	5.2	132
6	Position Focused Attention Network for Image-Text Matching. , 2019, , .		116
7	Author Topic Model based Collaborative Filtering for Personalized POI Recommendation. IEEE Transactions on Multimedia, 2015, , 1-1.	5.2	105
8	Enhancing Sketch-Based Image Retrieval by CNN Semantic Re-ranking. IEEE Transactions on Cybernetics, 2020, 50, 3330-3342.	6.2	100
9	User-Service Rating Prediction by Exploring Social Users' Rating Behaviors. IEEE Transactions on Multimedia, 2016, 18, 496-506.	5.2	99
10	Scalable Mobile Image Retrieval by Exploring Contextual Saliency. IEEE Transactions on Image Processing, 2015, 24, 1709-1721.	6.0	72
11	Personalized Long- and Short-term Preference Learning for Next POI Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 1944-1957.	4.0	72
12	GPS Estimation for Places of Interest From Social Users' Uploaded Photos. IEEE Transactions on Multimedia, 2013, 15, 2058-2071.	5.2	67
13	Tagging photos using users' vocabularies. Neurocomputing, 2013, 111, 144-153.	3.5	56
14	Exploring Users' Internal Influence from Reviews for Social Recommendation. IEEE Transactions on Multimedia, 2019, 21, 771-781.	5.2	56
15	Tag-Based Image Search by Social Re-ranking. IEEE Transactions on Multimedia, 2016, 18, 1628-1639.	5.2	54
16	Text detection, localization, and tracking in compressed video. Signal Processing: Image Communication, 2007, 22, 752-768.	1.8	53
17	Sketch-Based Image Retrieval by Salient Contour Reinforcement. IEEE Transactions on Multimedia, 2016, 18, 1604-1615.	5.2	51
18	Personalized location recommendation by fusing sentimental and spatial context. Knowledge-Based Systems, 2020, 196, 105849.	4.0	51

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19	Enhancing Sketch-Based Image Retrieval by Re-Ranking and Relevance Feedback. IEEE Transactions on Image Processing, 2016, 25, 195-208.	6.0	49
20	Social Image Tagging With Diverse Semantics. IEEE Transactions on Cybernetics, 2014, 44, 2493-2508.	6.2	48
21	Deep Transfer Hashing for Image Retrieval. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 742-753.	5.6	47
22	Dynamic evolution of multi-graph based collaborative filtering for recommendation systems. Knowledge-Based Systems, 2021, 228, 107251.	4.0	47
23	Long- and Short-term Preference Learning for Next POI Recommendation. , 2019, , .		46
24	Mining user-contributed photos for personalized product recommendation. Neurocomputing, 2014, 129, 409-420.	3.5	40
25	Efficient and Robust Image Coding and Transmission based on Scrambled Block Compressive Sensing. IEEE Transactions on Multimedia, 2017, , 1-1.	5.2	40
26	DBCFace: Towards Pure Convolutional Neural Network Face Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1792-1804.	5.6	39
27	Recovering Connected Error Region Based on Adaptive Error Concealment Order Determination. IEEE Transactions on Multimedia, 2009, 11, 683-695.	5.2	37
28	Image Annotation by Latent Community Detection and Multikernel Learning. IEEE Transactions on Image Processing, 2015, 24, 3450-3463.	6.0	37
29	Service Rating Prediction by Exploring Social Mobile Usersâ€™ Geographical Locations. IEEE Transactions on Big Data, 2017, 3, 67-78.	4.4	37
30	Image Re-Ranking Based on Topic Diversity. IEEE Transactions on Image Processing, 2017, 26, 3734-3747.	6.0	34
31	CAPER: Context-Aware Personalized Emoji Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 3160-3172.	4.0	33
32	Effective Fades and Flashlight Detection Based on Accumulating Histogram Difference. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 1245-1258.	5.6	32
33	Learning salient visual word for scalable mobile image retrieval. Pattern Recognition, 2015, 48, 3093-3101.	5.1	32
34	Social media based event summarization by userâ€™textâ€™image co-clustering. Knowledge-Based Systems, 2019, 164, 107-121.	4.0	32
35	Food and Ingredient Joint Learning for Fine-Grained Recognition. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 2480-2493.	5.6	32
36	A Cost-Constrained Video Quality Satisfaction Study on Mobile Devices. IEEE Transactions on Multimedia, 2018, 20, 1154-1168.	5.2	31

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37	Image Location Estimation by Salient Region Matching. IEEE Transactions on Image Processing, 2015, 24, 4348-4358.	6.0	30
38	HMM based soccer video event detection using enhanced mid-level semantic. Multimedia Tools and Applications, 2012, 60, 233-255.	2.6	28
39	Schedule a Rich Sentimental Travel via Sentimental POI Mining and Recommendation. , 2016, , .		28
40	Unsupervised Salient Object Detection via Inferring From Imperfect Saliency Models. IEEE Transactions on Multimedia, 2018, 20, 1101-1112.	5.2	28
41	Joint Hypergraph Learning for Tag-Based Image Retrieval. IEEE Transactions on Image Processing, 2018, 27, 4437-4451.	6.0	28
42	Personalized Reason Generation for Explainable Song Recommendation. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-21.	2.9	28
43	Occlusion-Sensitive Person Re-Identification via Attribute-Based Shift Attention. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2170-2185.	5.6	28
44	Image Location Inference by Multisaliency Enhancement. IEEE Transactions on Multimedia, 2017, 19, 813-821.	5.2	27
45	Service Quality Evaluation by Exploring Social Users's Contextual Information. IEEE Transactions on Knowledge and Data Engineering, 2016, , 1-1.	4.0	24
46	Object Categorization Using Hierarchical Wavelet Packet Texture Descriptors. , 2009, , .		23
47	Landmark Summarization With Diverse Viewpoints. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 1857-1869.	5.6	23
48	Rating prediction by exploring user's preference and sentiment. Multimedia Tools and Applications, 2018, 77, 6425-6444.	2.6	23
49	Sketch-Based Image Retrieval With Multi-Clustering Re-Ranking. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 4929-4943.	5.6	21
50	On Combining Social Media and Spatial Technology for POI Cognition and Image Localization. Proceedings of the IEEE, 2017, 105, 1937-1952.	16.4	20
51	Preparing lessons: Improve knowledge distillation with better supervision. Neurocomputing, 2021, 454, 25-33.	3.5	20
52	MPNET: An End-to-End Deep Neural Network for Object Detection in Surveillance Video. IEEE Access, 2018, 6, 30296-30308.	2.6	19
53	Compressive Sensing Multi-Layer Residual Coefficients for Image Coding. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 1109-1120.	5.6	18
54	AINet: Association Implantation for Superpixel Segmentation. , 2021, , .		17

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55	Mining near duplicate image groups. <i>Multimedia Tools and Applications</i> , 2015, 74, 655-669.	2.6	16
56	HWVP: hierarchical wavelet packet descriptors and their applications in scene categorization and semantic concept retrieval. <i>Multimedia Tools and Applications</i> , 2014, 69, 897-920.	2.6	15
57	Robust Framework of Single-Frame Face Superresolution Across Head Pose, Facial Expression, and Illumination Variations. <i>IEEE Transactions on Human-Machine Systems</i> , 2015, 45, 238-250.	2.5	15
58	Exploring spatial and channel contribution for object based image retrieval. <i>Knowledge-Based Systems</i> , 2019, 186, 104955.	4.0	15
59	PFAN++: Bi-Directional Image-Text Retrieval With Position Focused Attention Network. <i>IEEE Transactions on Multimedia</i> , 2021, 23, 3362-3376.	5.2	15
60	Sketch-Guided Scenery Image Outpainting. <i>IEEE Transactions on Image Processing</i> , 2021, 30, 2643-2655.	6.0	15
61	GPS Estimation from Users's Photos. <i>Lecture Notes in Computer Science</i> , 2013, , 118-129.	1.0	15
62	Text Detection, Localization and Segmentation in Compressed Videos. , 0, , .		14
63	Personalized tag recommendation for Flickr users. , 2014, , .		14
64	Geometry and Topology Preserving Hashing for SIFT Feature. <i>IEEE Transactions on Multimedia</i> , 2019, 21, 1563-1576.	5.2	14
65	Image dehazing based on a transmission fusion strategy by automatic image matting. <i>Computer Vision and Image Understanding</i> , 2020, 194, 102933.	3.0	14
66	Kernel-attended residual network for single image super-resolution. <i>Knowledge-Based Systems</i> , 2021, 213, 106663.	4.0	14
67	Soccer Video Event Detection by Fusing Middle Level Visual Semantics of an Event Clip. <i>Lecture Notes in Computer Science</i> , 2010, , 439-451.	1.0	14
68	Highlight events detection in soccer video using HCRF. , 2010, , .		13
69	Annular-Graph Attention Model for Personalized Sequential Recommendation. <i>IEEE Transactions on Multimedia</i> , 2022, 24, 3381-3391.	5.2	13
70	POI Summarization by Aesthetics Evaluation From Crowd Source Social Media. <i>IEEE Transactions on Image Processing</i> , 2018, 27, 1178-1189.	6.0	12
71	Location Recommendation for Enterprises by Multi-Source Urban Big Data Analysis. <i>IEEE Transactions on Services Computing</i> , 2017, , 1-1.	3.2	11
72	LAST: Location-Appearance-Semantic-Temporal Clustering Based POI Summarization. <i>IEEE Transactions on Multimedia</i> , 2021, 23, 378-390.	5.2	11

#	ARTICLE	IF	CITATIONS
73	Crowd Scene Analysis Encounters High Density and Scale Variation. IEEE Transactions on Image Processing, 2021, 30, 2745-2757.	6.0	11
74	Personalized Recommendation by Exploring Social Users' Behaviors. Lecture Notes in Computer Science, 2014, , 181-191.	1.0	11
75	What Is Happening in the Video? Annotate Video by Sentence. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 1746-1757.	5.6	10
76	SPGNet: Serial and Parallel Group Network. IEEE Transactions on Multimedia, 2022, 24, 2804-2814.	5.2	10
77	Combining Non-sampling and Self-attention for Sequential Recommendation. Information Processing and Management, 2022, 59, 102814.	5.4	10
78	Global motion estimation from randomly selected motion vector groups and GM/LM based applications. Signal, Image and Video Processing, 2007, 1, 179-189.	1.7	9
79	Ball and Field Line Detection for Placed Kick Refinement. , 2009, , .		9
80	Improved image GPS location estimation by mining salient features. Signal Processing: Image Communication, 2015, 38, 141-150.	1.8	9
81	Hashing person re-ID with self-distilling smooth relaxation. Neurocomputing, 2021, 455, 111-124.	3.5	9
82	Oriented Localization of Surgical Tools by Location Encoding. IEEE Transactions on Biomedical Engineering, 2022, 69, 1469-1480.	2.5	9
83	Sketch-based image retrieval using contour segments. , 2015, , .		8
84	Compressive sensing reconstruction for compressible signal based on projection replacement. Multimedia Tools and Applications, 2016, 75, 2565-2578.	2.6	8
85	Image super-resolution based on residually dense distilled attention network. Neurocomputing, 2021, 443, 47-57.	3.5	8
86	Personalized product search based on user transaction history and hypergraph learning. Multimedia Tools and Applications, 2020, 79, 22157-22175.	2.6	8
87	Texture Based Selective Block Matching Algorithm for Error Concealment. , 2007, , .		7
88	Video text detection and localization in intra-frames of H.264/AVC compressed video. Multimedia Tools and Applications, 2014, 70, 1487-1502.	2.6	7
89	Service Objective Evaluation via Exploring Social Users' Rating Behaviors. , 2015, , .		7
90	Deep multi-task learning model for time series prediction in wireless communication. Physical Communication, 2021, 44, 101251.	1.2	7

#	ARTICLE	IF	CITATIONS
91	A Fast and Effective Text Tracking in Compressed Video. , 2008, , .		6
92	Why You Should Listen to This Song: Reason Generation for Explainable Recommendation. , 2018, , .		6
93	A new weakly supervised strategy for surgical tool detection. Knowledge-Based Systems, 2022, 239, 107860.	4.0	6
94	An effective GM/LM-based video error concealment. Signal, Image and Video Processing, 2012, 6, 9-17.	1.7	5
95	An SVM-Based Soccer Video Shot Classification Scheme Using Projection Histograms. Lecture Notes in Computer Science, 2008, , 883-886.	1.0	5
96	Inter mode decision based on Just Noticeable Difference profile. , 2010, , .		4
97	Spatial Verification for Scalable Mobile Image Retrieval. , 2014, , .		4
98	Prospects and Challenges of Deep Understanding Social Users and Urban Services - A Position Paper. , 2015, , .		4
99	Viewpoint Recommendation Based on Object-Oriented 3D Scene Reconstruction. IEEE Transactions on Multimedia, 2021, 23, 257-267.	5.2	4
100	Video content categorization using the double decomposition. Multimedia Tools and Applications, 2013, 66, 545-572.	2.6	3
101	Generating representative images for landmark by discovering high frequency shooting locations from community-contributed photos. , 2013, , .		3
102	Image Retrieval by User-oriented Ranking. , 2015, , .		3
103	Spatial Constraint for Image Location Estimation. , 2015, , .		3
104	Adaptive Co-Weighting Deep Convolutional Features for Object Retrieval. , 2018, , .		3
105	Towards Better Railway Service: Passengers Counting in Railway Compartment. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 439-451.	5.6	3
106	Joint Reason Generation and Rating Prediction for Explainable Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	4.0	3
107	What You Like, What I Am: Online Dating Recommendation via Matching Individual Preferences with Features. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	4.0	3
108	SAR Object Detection Encounters Deformed Complex Scenes and Aliased Scattered Power Distribution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 4482-4495.	2.3	3

#	ARTICLE	IF	CITATIONS
109	Product Recognition for Unmanned Vending Machines. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1584-1597.	7.2	3
110	PERD: Personalized Emoji Recommendation with Dynamic User Preference. , 2022, , .		3
111	Social Image Aesthetic Measurement based on 3D Reconstruction. , 2014, , .		2
112	Product Image Search with Deep Attribute Mining and Re-ranking. Lecture Notes in Computer Science, 2016, , 561-570.	1.0	2
113	Multi-source fusion based geo-tagging for web images. Multimedia Tools and Applications, 2018, 77, 16399-16417.	2.6	2
114	Social image retrieval based on topic diversity. Multimedia Tools and Applications, 2021, 80, 12367-12387.	2.6	2
115	Enhancing performance-based generative architectural design with sketch-based image retrieval: a pilot study on designing building facade fenestrations. Visual Computer, 0, , 1.	2.5	2
116	Towards Efficient Masked-Face Alignment Via Cascaded Regression. , 2021, , .		2
117	PicassoNet: Searching Adaptive Architecture for Efficient Facial Landmark Localization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10516-10527.	7.2	2
118	Mobile multimedia travelogue generation by exploring geo-locations and image tags. , 2013, , .		1
119	Scaled gated networks. World Wide Web, 2022, 25, 1583-1606.	2.7	1
120	A Non-Local Enhanced Network for Image Restoration. IEEE Access, 2022, 10, 29528-29542.	2.6	1
121	Visual summarization for place-of-interest by social-contextual constrained geo-clustering. , 2015, , .		0
122	Towards Handling Sudden Changes in Feature Maps during Depth Estimation. IEEE Transactions on Multimedia, 2022, , 1-1.	5.2	0