

Shipeng Li

List of Publications by Citations

Source: <https://exaly.com/author-pdf/176174/shipeng-li-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

196
papers

4,788
citations

36
h-index

64
g-index

271
ext. papers

5,732
ext. citations

4.8
avg, IF

5.5
L-index

#	Paper	IF	Citations
196	Salient Object Detection: A Discriminative Regional Feature Integration Approach 2013 ,		595
195	Multimedia Cloud Computing. <i>IEEE Signal Processing Magazine</i> , 2011 , 28, 59-69	9.4	276
194	Descriptive visual words and visual phrases for image applications 2009 ,		161
193	Multimedia search reranking. <i>ACM Computing Surveys</i> , 2014 , 46, 1-38	13.4	137
192	Adaptive directional lifting-based wavelet transform for image coding. <i>IEEE Transactions on Image Processing</i> , 2007 , 16, 416-27	8.7	126
191	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 1255-1267	6.6	123
190	Flickr distance 2008 ,		117
189	A framework for efficient progressive fine granularity scalable video coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2001 , 11, 332-344	6.4	117
188	Shape-adaptive discrete wavelet transforms for arbitrarily shaped visual object coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2000 , 10, 725-743	6.4	113
187	Virtualized Screen: A Third Element for CloudMobile Convergence. <i>IEEE MultiMedia</i> , 2011 , 18, 4-11	2.1	109
186	Three-Dimensional Embedded Subband Coding with Optimized Truncation (3-D ESCOT). <i>Applied and Computational Harmonic Analysis</i> , 2001 , 10, 290-315	3.1	109
185	Image Compression With Edge-Based Inpainting. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2007 , 17, 1273-1287	6.4	102
184	Contextual Video Recommendation by Multimodal Relevance and User Feedback. <i>ACM Transactions on Information Systems</i> , 2011 , 29, 1-24	4.8	76
183	VideoSense 2007 ,		70
182	An effective variable block-size early termination algorithm for H.264 video coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 784-788	6.4	68
181	Tag refinement by regularized LDA 2009 ,		67
180	Automatic Video Genre Categorization using Hierarchical SVM 2006 ,		67

179	Order preserving hashing for approximate nearest neighbor search 2013 ,		66
178	A Low-Complexity Screen Compression Scheme for Interactive Screen Sharing. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2013 , 23, 949-960	6.4	59
177	Direct mode coding for bipredictive slices in the H.264 standard. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 119-126	6.4	55
176	Distributed prefetching scheme for random seek support in peer-to-peer streaming applications 2005 ,		52
175	SocialTransfer 2012 ,		51
174	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 180-192	4.2	49
173	2012 ,		48
172	Accelerate video decoding with generic GPU. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 685-693	6.4	47
171	Contextual in-image advertising 2008 ,		46
170	Salient object detection for searched web images via global saliency 2012 ,		44
169	Video search re-ranking via multi-graph propagation 2007 ,		44
168	Finding perfect rendezvous on the go 2012 ,		43
167	Complexity-Constrained H.264 Video Encoding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 477-490	6.4	43
166	Query-driven iterated neighborhood graph search for large scale indexing 2012 ,		42
165	Modeling social strength in social media community via kernel-based learning 2011 ,		41
164	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2007 , 17, 699-706	6.4	41
163	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 594-607	6.6	40
162	The role of attractiveness in web image search 2011 ,		39

161	When recommendation meets mobile 2011 ,		37
160	Texture-assisted Kinect depth inpainting 2012 ,		35
159	Probabilistic sequential POIs recommendation via check-in data 2012 ,		35
158	. <i>IEEE Transactions on Multimedia</i> , 2005 , 7, 222-233	6.6	35
157	Annotation for free 2013 ,		34
156	VideoSense: A Contextual In-Video Advertising System. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 1866-1879	6.4	33
155	Memory-constrained 3D wavelet transform for video coding without boundary effects. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2002 , 12, 812-818	6.4	33
154	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 184-200	6.6	31
153	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 1340-1352	6.6	31
152	Automatic Generation of Visual-Textual Presentation Layout. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2016 , 12, 1-22	3.4	30
151	Image search by concept map 2010 ,		30
150	. <i>IEEE Transactions on Multimedia</i> , 2007 , 9, 66-77	6.6	30
149	4-D Wavelet-Based Multiview Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 1385-1396	6.4	29
148	Advanced motion threading for 3D wavelet video coding. <i>Signal Processing: Image Communication</i> , 2004 , 19, 601-616	2.8	29
147	Flickr distance: a relationship measure for visual concepts. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2012 , 34, 863-75	13.3	28
146	Encryption and authentication for scalable multimedia: current state of the art and challenges 2004 , 5601, 157		28
145	Image tag refinement by regularized latent Dirichlet allocation. <i>Computer Vision and Image Understanding</i> , 2014 , 124, 61-70	4.3	27
144	A low complexity motion compensated frame interpolation method		27

143	Supervised Kernel Descriptors for Visual Recognition 2013 ,		26
142	Automatic video annotation by semi-supervised learning with kernel density estimation 2006 ,		25
141	. <i>IEEE Transactions on Multimedia</i> , 2013 , 15, 1665-1676	6.6	24
140	Utilizing affective analysis for efficient movie browsing 2009 ,		24
139	VideoReach 2007 ,		24
138	Motion compensated lifting wavelet and its application in video coding 2001 ,		24
137	Million-scale near-duplicate video retrieval system 2011 ,		23
136	Kinect-like depth denoising 2012 ,		22
135	ImageSense. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2012 , 8, 1-18 _{3,4}		22
134	Complementary hashing for approximate nearest neighbor search 2011 ,		21
133	Probabilistic Multimodality Fusion for Event based Home Photo Clustering 2006 ,		20
132	Fast approximate k-means via cluster closures 2012 ,		19
131	Fast Approximate (K)-Means via Cluster Closures 2015 , 373-395		18
130	Barbell-Lifting Based 3-D Wavelet Coding Scheme. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2007 , 17, 1256-1269	6.4	18
129	Optimal rate allocation for progressive fine granularity scalable video coding. <i>IEEE Signal Processing Letters</i> , 2002 , 9, 33-39	3.2	16
128	Interactive image search by 2D semantic map 2010 ,		14
127	When multimedia advertising meets the new Internet era 2008 ,		14
126	Error-Resilient Unequal Error Protection of Fine Granularity Scalable Video Bitstreams. <i>Eurasip Journal on Advances in Signal Processing</i> , 2006 , 2006, 1	1.9	13

125	Fast Neighborhood Graph Search Using Cartesian Concatenation 2013 ,		12
124	Browser-friendly hybrid codec for compound image compression 2011 ,		12
123	Distributed multi-view video coding 2006 , 6077, 290		12
122	Arbitrarily shaped video-object coding by wavelet. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2001 , 11, 1135-1139	6.4	12
121	Optimized Distances for Binary Code Ranking 2014 ,		11
120	JIGSAW 2011 ,		11
119	A comprehensive human computation framework 2008 ,		11
118	Optimized streaming media proxy and its applications. <i>Journal of Network and Computer Applications</i> , 2007 , 30, 265-281	7.9	11
117	A Fast Downsizing Video Transcoder for H.264/AVC with Rate-Distortion Optimal Mode Decision 2006 ,		11
116	Exploiting temporal correlation with adaptive block-size motion alignment for 3D wavelet coding 2004 , 5308, 144		11
115	Layered motion estimation and coding for fully scalable 3D wavelet video coding		11
114	A novel cloud gaming framework using joint video and graphics streaming 2014 ,		10
113	Empowering Cross-Domain Internet Media with Real-Time Topic Learning from Social Streams 2012		10
112	Hybrid image summarization 2011 ,		10
111	Transcoding to FGS Streams from H.264/AVC Hierarchical B-Pictures 2006 ,		10
110	An efficient key scheme for layered access control of MPEG-4 FGS video		10
109	Energy distributed update steps (EDU) in lifting based motion compensated video coding		10
108	Content-aware layered compound video compression 2012 ,		9

107	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1700-1712	6.6	8
106	Browse-to-Search. <i>ACM Transactions on Information Systems</i> , 2014 , 32, 1-27	4.8	8
105	High frame rate screen video coding for screen sharing applications 2014 ,		8
104	A bag-of-objects retrieval model for web image search 2012 ,		8
103	Local visual words coding for low bit rate mobile visual search 2012 ,		8
102	Interactive video authoring and sharing based on two-layer templates 2006 ,		8
101	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015 , 25, 1941-1954	6.4	7
100	DelayRateDistortion Optimization for Cloud Gaming With Hybrid Streaming. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 2687-2701	6.4	7
99	Accelerometer-based single-handed video browsing on mobile devices 2012 ,		7
98	Listen, look, and gotcha 2013 ,		7
97	A proxy-based mobile web browser 2010 ,		7
96	A high-performanance remote computing platform 2009 ,		7
95	Contextual image search 2011 ,		7
94	Fast Neighborhood Graph Search Using Cartesian Concatenation 2015 , 397-417		7
93	Scalable similar image search by joint indices 2012 ,		6
92	JPEG 2000 syntax-compliant encryption preserving full scalability 2005 ,		6
91	MPEG-2 to WMV Transcoder With Adaptive Error Compensation and Dynamic Switches. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 1460-1476	6.4	6
90	Scalable multiview video coding using wavelet		6

89	LazyCut 2005 ,		6
88	A High-Fidelity and Low-Interaction-Delay Screen Sharing System. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2016 , 12, 1-23	3.4	6
87	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 1973-1985	6.6	5
86	A low latency cloud gaming system using edge preserved image homography 2014 ,		5
85	Interactive mobile visual search for social activities completion using query image contextual model 2012 ,		5
84	Robust and accurate mobile visual localization and its applications. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2013 , 9, 1-22	3.4	5
83	Color filter for image search 2012 ,		5
82	2008 ,		5
81	Advanced lifting-based motion-threading (MT) technique for 3D wavelet video coding 2003 ,		5
80	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2003 , 13, 376-384	6.4	5
79	SMART: An Efficient, Scalable, and Robust Streaming Video System. <i>Eurasip Journal on Advances in Signal Processing</i> , 2004 , 2004, 1	1.9	5
78	Studies on spatial scalable frameworks for motion aligned 3D wavelet video coding 2005 ,		5
77	Three-dimensional shape-adaptive discrete wavelet transforms for efficient object-based video coding 2000 , 4067, 336		5
76	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015 , 25, 1190-1202	6.4	4
75	Salable Image Search with Reliable Binary Code 2014 ,		4
74	Depth sensor assisted real-time gesture recognition for interactive presentation. <i>Journal of Visual Communication and Image Representation</i> , 2013 , 24, 1458-1468	2.7	4
73	Low-cost realtime screen sharing to multiple clients 2010 ,		4
72	High-dynamic-range texture compression for rendering systems of different capacities. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2010 , 16, 57-69	4	4

71	Browse-to-search 2012,		4
70	A low-latency transmission scheme for interactive screen sharing 2012,		4
69	A video coding algorithm using vector-based techniques. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 1997 , 7, 146-157	6.4	4
68	Wyner-Ziv Video Coding Based on Set Partitioning in Hierarchical Tree 2006,		4
67	Image Coding with Parameter-Assistant Inpainting 2007,		4
66	Optimal subband rate allocation for spatial scalability in 3D wavelet video coding with motion aligned temporal filtering 2005,		4
65	Free viewpoint switching in multi-view video streaming using Wyner-Ziv video coding 2006,		4
64	Direct mode coding for bi-predictive pictures in the JVT standard		4
63	Macroblock-based progressive fine granularity scalable video coding. <i>International Journal of Imaging Systems and Technology</i> , 2003 , 13, 297-307	2.5	4
62	To mine capture intention of camcorder users 2005,		4
61	Advanced Motion Search and Adaptation Techniques for Deinterlacing		4
60	JPEG 2000 encryption enabling fine granularity scalability without decryption		4
59	Kinect-Like Depth Compression with 2D+T Prediction 2012,		3
58	Video-based image retrieval 2011,		3
57	Learning to video search rerank via pseudo preference feedback 2008,		3
56	Subband Coupling Aware Rate Allocation for Spatial Scalability in 3-D Wavelet Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2007 , 17, 1311-1324	6.4	3
55	Drift-free switching of compressed video bitstreams at predictive frames. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 565-576	6.4	3
54	A secure image authentication algorithm with pixel-level tamper localization		3

53	New attacks on SARI image authentication system 2004 ,	3
52	Direct macroblock coding for predictive (P) pictures in the H.264 standard 2004 ,	3
51	A new rate allocation scheme for progressive fine granular scalable coding	3
50	Interactive tracker - a semi-automatic video object tracking and segmentation system 2001 ,	3
49	Macroblock-based progressive fine granularity scalable video coding 2001 ,	3
48	Multimetric evaluation protocol for user-assisted video object extraction systems 2003 ,	3
47	Scalable Video Coding for Adaptive Streaming Applications 2007 , 117-158	3
46	TapTell: Interactive visual search for mobile task recommendation. <i>Journal of Visual Communication and Image Representation</i> , 2015 , 29, 114-124	2.7 2
45	Searching for images by video. <i>International Journal of Multimedia Information Retrieval</i> , 2013 , 2, 213-225.	4 2
44	Region-of-interest based coding scheme for synthesized video 2015 ,	2
43	A low-complexity screen compression scheme 2012 ,	2
42	ReDi 2010 ,	2
41	Tap-to-search: Interactive and contextual visual search on mobile devices 2011 ,	2
40	When video search goes wrong 2012 ,	2
39	Rate-distortion optimization for fast hierarchical B-picture transcoding	2
38	Adaptive MCTF based on Correlation Noise Model for SNR Scalable Video Coding 2006 ,	2
37	VideoSense 2007 ,	2
36	Efficient and Syntax-Compliant JPEG 2000 Encryption Preserving Original Fine Granularity of Scalability. <i>Eurasip Journal on Information Security</i> , 2007 , 2007, 1-13	2

35	An extension of direct macroblock coding in Predictive (P) slices of the H.264 standard. <i>Journal of Visual Communication and Image Representation</i> , 2006 , 17, 311-321	2.7	2
34	Efficient and fully scalable encryption for MPEG-4 FGS		2
33	A motion compensated lifting wavelet codec for 3D video coding. <i>Journal of Computer Science and Technology</i> , 2003 , 18, 214-222	1.7	2
32	Practical real-time video codec for mobile devices 2003 ,		2
31	Flexible P-picture (FlexP) coding for the efficient fine-granular scalability (FGS)		2
30	A framework of scalable layered access control for multimedia		2
29			2
28	Optimal rate allocation for macroblock-based progressive fine granularity scalable video coding		2
27	Macroblock-based progressive fine granularity scalable (PFGS) video coding with flexible temporal-SNR scalabilities		2
26	Fine-granularity spatially scalable video coding		2
25	Layered compression for high-precision depth data. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 5492-504	8.7	1
24	Layered screen video coding leveraging hardware video codec 2013 ,		1
23	Layered compression for high dynamic range depth 2012 ,		1
22	Arbitrary-sized motion detection in screen video coding 2013 ,		1
21	Automatic video annotation based on co-adaptation and label correction		1
20	Macroblock-Based Adaptive In-Scale Prediction for Scalable Video Coding 2007 ,		1
19	Fine Granularity Scalability Encryption of MPEG-4 FGS Bitstreams 2005 ,		1
18	Video booklet		1

17	A novel model-based rate-control method for portrait video coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 1545-1556	6.4	1
16	DigiParty - a decentralized multi-party video conferencing system		1
15	Automatic image quality improvement for videoconferencing		1
14	DigiMetro - an application-level multicast system for multi-party video conferencing		1
13	Optimal packetization of fine granularity scalability codestreams for error-prone channels 2005 ,		1
12	H.264-compatible spatially scalable video coding with in-band prediction 2005 ,		1
11	Efficient video mosaicing based on motion analysis 2005 ,		1
10	Prediction-based directional fractional pixel motion estimation for H.264 video coding		1
9	An optimal packetization scheme for fine granularity scalable bitstream		1
8	Generic, scalable and efficient shape coding for visual texture objects in MPEG-4		1
7	DCT-prediction based progressive fine granularity scalable coding		1
6	Contextual In-Stream Video Advertising. <i>Advances in Multimedia and Interactive Technologies Book Series</i> , 2011 , 194-211	0.2	1
5	Editor-in-Chief Message: Embracing the Era of Intelligent Visual Technology and Systems. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 273-274	6.4	
4	3D video technologies and services. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2013 , 68, 579-580		2
3	Paradigm Shifts in Video Technologies: Introduction to T-CSVT Future Special Issues. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2014 , 24, 1085-1087	6.4	
2	Contextual and Personalized Mobile Recommendation Systems. <i>Advances in Wireless Technologies and Telecommunication Book Series</i> ,82-97	0.2	
1	Editor-in-Chief Message. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019 , 29, 3471-3472	6.4	