

Yao Wang

List of Publications by Year in descending order

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29
papers

3,665
citations

516710

16
h-index

794594

19
g-index

29
all docs

29
docs citations

29
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	Error control and concealment for video communication: a review. Proceedings of the IEEE, 1998, 86, 974-997.	21.3	1,130
2	Error resilient video coding techniques. IEEE Signal Processing Magazine, 2000, 17, 61-82.	5.6	442
3	Color-Guided Depth Recovery From RGB-D Data Using an Adaptive Autoregressive Model. IEEE Transactions on Image Processing, 2014, 23, 3443-3458.	9.8	307
4	Multiple description coding using pairwise correlating transforms. IEEE Transactions on Image Processing, 2001, 10, 351-366.	9.8	293
5	Video transport over ad hoc networks: multistream coding with multipath transport. IEEE Journal on Selected Areas in Communications, 2003, 21, 1721-1737.	14.0	210
6	MPEG-4 rate control for multiple video objects. IEEE Transactions on Circuits and Systems for Video Technology, 1999, 9, 186-199.	8.3	195
7	Error-resilient video coding using multiple description motion compensation. IEEE Transactions on Circuits and Systems for Video Technology, 2002, 12, 438-452.	8.3	161
8	Multiple description image coding for noisy channels by pairing transform coefficients. , 0, , .		135
9	Multiple-description video coding using motion-compensated temporal prediction. IEEE Transactions on Circuits and Systems for Video Technology, 2002, 12, 193-204.	8.3	121
10	Supporting image and video applications in a multihop radio environment using path diversity and multiple description coding. IEEE Transactions on Circuits and Systems for Video Technology, 2002, 12, 777-792.	8.3	116
11	Active mesh-a feature seeking and tracking image sequence representation scheme. IEEE Transactions on Image Processing, 1994, 3, 610-624.	9.8	115
12	Multiple description coding for video using motion compensated prediction. , 0, , .		98
13	Multiple description image coding using signal decomposition and reconstruction based on lapped orthogonal transforms. IEEE Transactions on Circuits and Systems for Video Technology, 1999, 9, 895-908.	8.3	66
14	Multipath video transport over ad hoc networks. IEEE Wireless Communications, 2005, 12, 42-49.	9.0	64
15	Object-based transcoding for adaptable video content delivery. IEEE Transactions on Circuits and Systems for Video Technology, 2001, 11, 387-401.	8.3	57
16	Optimal pairwise correlating transforms for multiple description coding. , 0, , .		38
17	Cooperative Source and Channel Coding for Wireless Multimedia Communications. IEEE Journal on Selected Topics in Signal Processing, 2007, 1, 295-307.	10.8	32
18	Bit allocation for MPEG-4 video coding with spatio-temporal tradeoffs. IEEE Transactions on Circuits and Systems for Video Technology, 2003, 13, 488-502.	8.3	23

#	ARTICLE	IF	CITATIONS
19	On the Performance of Space-Time Block-Coded MIMO Video Communications. IEEE Transactions on Vehicular Technology, 2007, 56, 1223-1229.	6.3	18
20	Lapped orthogonal transforms designed for error-resilient image coding. IEEE Transactions on Circuits and Systems for Video Technology, 2002, 12, 752-764.	8.3	16
21	Robust Image Coding and Transport in Wireless Networks Using Non-Hierarchical Decomposition. , 1997, , 285-292.		10
22	Rate-distortion modeling of binary shape using state partitioning. , 1999, , .		8
23	MobiCom poster. Mobile Computing and Communications Review, 2003, 7, 59-61.	1.7	6
24	Lapped orthogonal transform designed for error resilient image coding. , 0, , .		1
25	MPEG-4 video object-based rate allocation with variable temporal rates. Electronics Letters, 2002, 38, 1088.	1.0	1
26	A motion compensating prior for dynamic MRI reconstruction using combination of compressed sensing and parallel imaging. , 2011, , .		1
27	Depth recovery via decomposition of polynomial and piece-wise constant signals. , 2016, , .		1
28	Rate-distortion analysis of the multiple description motion compensation video coding scheme. , 2003, , .		0
29	A Region-Based Video Coder Using a Forward Tracking Active Mesh. , 1996, , 257-264.		0