

# Mr Soleymani

## List of Publications by Year in descending order

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44  
papers

158  
citations

1937685

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2053705

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g-index

44  
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44  
docs citations

44  
times ranked

102  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Antenna Physics on Fading Correlation and the Capacity of Multielement Antenna Systems. IEEE Transactions on Vehicular Technology, 2007, 56, 1591-1599.	6.3	15
2	A novel turbo coding scheme for satellite ATM using reed-muller codes. IEEE Transactions on Communications, 2003, 51, 767-773.	7.8	12
3	Design of lossless turbo source encoders. IEEE Signal Processing Letters, 2006, 13, 453-456.	3.6	10
4	Packet loss rate prediction using a universal indicator of traffic. , 0, , .		9
5	Variable-rate OFDM systems with selective antenna diversity and adaptive modulation. , 0, , .		9
6	Adaptive modulation for OFDM systems using space-frequency block codes. , 0, , .		7
7	Data detection of MPSK in presence of unknown carrier phase at low complexity. Electronics Letters, 1995, 31, 945-947.	1.0	7
8	Triple-binary circular recursive systematic convolutional turbo codes. , 0, , .		7
9	A proof of the hadamard transform decoding of the belief propagation algorithm for LDPC over GF(q). , 0, , .		7
10	MMSE-based adaptive multiuser detection of DS-CDMA signals. , 0, , .		6
11	Performance evaluation of space-frequency coded OFDM systems over frequency selective fading channels. , 0, , .		5
12	The effect of antenna physics on fading correlation and the capacity of multielement antenna systems. , 0, , .		5
13	Data detection of MPSK in the presence of rapidly changing carrier phase. IEEE Transactions on Vehicular Technology, 1996, 45, 484-490.	6.3	4
14	COFDM with orthogonal transmit diversity and power control for broadband wireless communications. , 0, , .		4
15	Partial parallel interference cancellation of DS-CDMA satellite signals with amplitude and phase estimation. , 0, , .		4
16	Improved interleaver design for turbo coded intersymbol interference channels. , 2003, , .		4
17	Comparison of capacities of the transmit antenna diversity with the receive antenna diversity in the MIMO scheme. , 0, , .		4
18	Performance of the successive coding strategy in the CEO problem. , 2005, , .		4

#	ARTICLE	IF	CITATIONS
19	Design of short block length lossless turbo source encoders. , 0, , .		4
20	Power-Distortion Performance of Successive Coding Strategy in Gaussian Ceo Problem. , 0, , .		4
21	Turbo coded OFDM for wireless local area networks. , 0, , .		3
22	Adaptive OFDM with space-time coding and antenna selection for broadband wireless communications. , 2003, , .		3
23	Trellis-based iterative decoding of block codes for satellite ATM. , 0, , .		2
24	Good LDPC codes over GF(q) for bandwidth efficient transmission. , 0, , .		2
25	A sub-optimal receiving scheme for SCCC with coded MSK over ISI channels. , 0, , .		2
26	Adaptive bit allocation for space-time block coded OFDM system. , 0, , .		2
27	Joint interleaver design for multiple turbo codes. , 0, , .		2
28	Distortion sum-rate performance of successive coding strategy in gaussian wireless sensor networks. , 0, , .		2
29	An adaptive M-algorithm convolutional decoder. , 0, , .		2
30	Data detection in the presence of nuisance parameters using quantization theory. , 0, , .		1
31	Indexing the output points in a lattice based vector quantizer. , 0, , .		1
32	Data detection of coded PSK in the presence of unknown carrier phase. , 0, , .		1
33	Turbo codes for satellite and wireless ATM. , 0, , .		1
34	Bandwidth-efficient transmission using nonbinary CRSC turbo codes. , 0, , .		1
35	Parallel implementation of turbo-decoders for satellite and wireless communication systems. , 0, , .		1
36	Detection of code index in turbo source coding. , 2005, , .		1

#	ARTICLE	IF	CITATIONS
37	Application of quantization theory to data detection in the presence of nuisance parameters. IEEE Transactions on Communications, 1999, 47, 804-808.	7.8	0
38	Use of Gaussian codebooks for residual vector quantizers. , 2000, , .		0
39	Indexing the output points of an LBVQ used for image transform coding. IEEE Transactions on Image Processing, 2000, 9, 827-833.	9.8	0
40	Multistage parallel interference cancellation with power and phase estimation. , 0, , .		0
41	Multichannel processing of DVB/RCS turbo codes. , 0, , .		0
42	Upper bounds on the access code efficiency for CDMA using signals with an interference free window. , 0, , .		0
43	Computing partial cancellation factors for PPIC receiver in large CDMA over a fading channel. , 0, , .		0
44	Ancestor based survivor decision in M-algorithm convolutional decoding. , 0, , .		0