

# Babak Seyfe

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

146  
citations

2258059

3  
h-index

2053705

5  
g-index

15  
all docs

15  
docs citations

15  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gradient of the Mutual Information in Stochastic Systems: A Functional Approach. IEEE Signal Processing Letters, 2019, 26, 1521-1525.	3.6	0
2	Gradients of the fundamental information measures: Theory and applications. Signal Processing, 2019, 162, 296-306.	3.7	5
3	Secrecy Sum-Rate Enhancement in the Interference Channel via Price-Based Power Splitting. IEEE Communications Letters, 2018, 22, 2523-2526.	4.1	2
4	Sensitivity of the secrecy capacity of a wiretap channel to the channel gains with imperfect channel information. , 2017, , .		1
5	On the secrecy of the cognitive interference channel with partial channel states. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1472-1485.	3.9	3
6	Capacity of channel with energy harvesting transmitter. IET Communications, 2015, 9, 526-531.	2.2	0
7	Enhancing achievable sum-rate by making strong and weak interference in an ad-hoc network. , 2014, , .		0
8	Perfect secrecy via compressed sensing. , 2013, , .		22
9	On the achievable rate region of a new Gaussian wiretap channel with side information. , 2012, , .		2
10	MR-BART: Multi-Rate Available Bandwidth Estimation in Real-Time. Journal of Network and Computer Applications, 2012, 35, 731-742.	9.1	11
11	Cognitive interference channel with two confidential messages. , 2010, , .		11
12	Space-Time Coding over Rayleigh Fast Fading Channels Using Unitary Matrices. , 2009, , .		0
13	Pareto-Efficient and Goal-Driven Power Control in Wireless Networks: A Game-Theoretic Approach With a Novel Pricing Scheme. IEEE/ACM Transactions on Networking, 2009, 17, 556-569.	3.8	84
14	Cross-layer combining of adaptive modulation with truncated ARQ in SIMO systems with imperfect CSI at receiver. , 2009, , .		0
15	Modulation classification in the presence of interference. , 2009, , .		5