

# Serap A Savari

## List of Publications by Year in descending order

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14  
papers

98  
citations

2258059

3  
h-index

1872680

6  
g-index

14  
all docs

14  
docs citations

14  
times ranked

70  
citing authors

#	ARTICLE	IF	CITATIONS
1	Network Coding in Node-Constrained Line and Star Networks. IEEE Transactions on Information Theory, 2011, 57, 4452-4468.	2.4	18
2	Line roughness estimation and Poisson denoising in scanning electron microscope images using deep learning. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2019, 18, 1.	0.9	18
3	A combinatorial study of linear deterministic relay networks. , 2010, , .		15
4	A Max-Flow/Min-Cut Algorithm for Linear Deterministic Relay Networks. IEEE Transactions on Information Theory, 2011, 57, 3005-3015.	2.4	11
5	On optimal reversible-variable-length codes. , 2009, , .		9
6	Automated rough line-edge estimation from SEM images using deep convolutional neural networks. , 2018, , .		6
7	Simultaneous Denoising and Edge Estimation from SEM Images using Deep Convolutional Neural Networks. , 2019, , .		5
8	Deep supervised learning to estimate true rough line images from SEM images. , 2018, , .		5
9	Increasing the Utilization of Deep Neural Networks for SEM Measurements Through Multiple Task Formulation and Visualization. IEEE Transactions on Semiconductor Manufacturing, 2020, 33, 322-330.	1.7	3
10	Multitaper and multisegment spectral estimation of line-edge roughness. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2017, 16, 1.	0.9	3
11	A Deterministic Polynomial-Time Algorithm for Constructing a Multicast Coding Scheme for Linear Deterministic Relay Networks. IEEE Transactions on Information Theory, 2013, 59, 7541-7552.	2.4	2
12	A study of the routing capacity regions of networks. , 2008, , .		1
13	A deterministic polynomialtime algorithm for constructing a multicast coding scheme for linear deterministic relay networks. , 2011, , .		1
14	Towards a visualization of deep neural networks for rough line images. , 2019, , .		1