Aliaksei Sandryhaila

List of Publications by Year
in descending order

		1162367	1473754
20 papers	3,637 citations	8 h-index	9 g-index
21 all docs	21 docs citations	21 times ranked	1689 citing authors

#	Article	IF	Citations
1	Discrete Signal Processing on Graphs. IEEE Transactions on Signal Processing, 2013, 61, 1644-1656.	3.2	1,146
2	Discrete Signal Processing on Graphs: Frequency Analysis. IEEE Transactions on Signal Processing, 2014, 62, 3042-3054.	3.2	635
3	Big Data Analysis with Signal Processing on Graphs: Representation and processing of massive data sets with irregular structure. IEEE Signal Processing Magazine, 2014, 31, 80-90.	4.6	569
4	Discrete Signal Processing on Graphs: Sampling Theory. IEEE Transactions on Signal Processing, 2015, 63, 6510-6523.	3.2	534
5	Signal Recovery on Graphs: Variation Minimization. IEEE Transactions on Signal Processing, 2015, 63, 4609-4624.	3.2	185
6	Signal denoising on graphs via graph filtering. , 2014, , .		99
7	Finite-time distributed consensus through graph filters. , 2014, , .		79
8	Discrete signal processing on graphs: Graph fourier transform. , 2013, , .		77
9	Efficient Compression of QRS Complexes Using Hermite Expansion. IEEE Transactions on Signal Processing, 2012, 60, 947-955.	3.2	71
10	Discrete signal processing on graphs: Graph filters. , 2013, , .		59
11	Classification via regularization on graphs. , 2013, , .		41
12	Signal inpainting on graphs via total variation minimization. , 2014, , .		31
13	Algebraic Signal Processing Theory: 1-D Nearest Neighbor Models. IEEE Transactions on Signal Processing, 2012, 60, 2247-2259.	3.2	26
14	Sampling theory for graph signals. , 2015, , .		24
15	Adaptive graph filtering: Multiresolution classification on graphs. , 2013, , .		21
16	Compression of QRS complexes using Hermite expansion. , 2011, , .		18
17	Algebraic Signal Processing Theory: Cooley–Tukey-Type Algorithms for Polynomial Transforms Based on Induction. SIAM Journal on Matrix Analysis and Applications, 2011, 32, 364-384.	0.7	11
18	Nearest-neighbor image model. , 2012, , .		7

#	Article	IF	Citations
19	Systematic Construction of Real Lapped Tight Frame Transforms. IEEE Transactions on Signal Processing, 2010, 58, 2556-2567.	3.2	4
20	Haar filter banks for I-D space signals. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	0