

Somantika Datta

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

21
citations

2258059

3
h-index

2053705

5
g-index

12
all docs

12
docs citations

12
times ranked

16
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of k -Angle Tight Frames. Numerical Functional Analysis and Optimization, 2016, 37, 975-989.	1.4	8
2	Low coherence unit norm tight frames. Linear and Multilinear Algebra, 2019, 67, 1174-1189.	1.0	4
3	Equiangular frames and generalizations of the Welch bound to dual pairs of frames. Linear and Multilinear Algebra, 2020, 68, 2495-2505.	1.0	4
4	Welch bounds for cross correlation of subspaces and generalizations. Linear and Multilinear Algebra, 2016, 64, 1484-1497.	1.0	3
5	Frame properties of low autocorrelation random sequences. Advances in Pure and Applied Mathematics, 2014, 5, .	0.4	2
6	Sampling of homogeneous polynomials and approximating multivariate functions. Advances in Pure and Applied Mathematics, 2013, 3, .	0.4	0
7	Tight frames, partial isometries, and signal reconstruction. Applicable Analysis, 2015, 94, 653-671.	1.3	0
8	Finite Frame Theory. Foundations for Undergraduate Research in Mathematics, 2017, , 145-170.	0.0	0
9	Frames, Erasures, and Signal Estimation with Stochastic Models. Acta Applicandae Mathematicae, 2020, 169, 411-431.	1.0	0
10	Equiangular Frames and Their Duals. Applied and Numerical Harmonic Analysis, 2021, , 163-183.	0.3	0
11	Discrete Autocorrelation-Based Multiplicative MRAs and Sampling on $\hat{\mathbb{R}}^*$, Sampling Theory in Signal and Information Processing, 2011, 10, 111-133.	0.2	0
12	Properties of certain multi-angle tight frames in \mathbb{R}^d . Linear Algebra and Its Applications, 2022, , .	0.9	0