Somantika Datta

List of Publications by Year
in descending order

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	Properties of certain multi-angle tight frames in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msup><mml:mrow><mml:mi mathvariant="double-struck">R</mml:mi></mml:mrow><mml:mrow><mml:mi>d</mml:mi></mml:mrow></mml:msup></mml:math>. Linear Algebra and Its Applications, 2022, , .	0.9	0
2	Equiangular Frames and Their Duals. Applied and Numerical Harmonic Analysis, 2021, , 163-183.	0.3	0
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	Frames, Erasures, and Signal Estimation with Stochastic Models. Acta Applicandae Mathematicae, 2020, 169, 411-431.	1.0	0
5	Low coherence unit norm tight frames. Linear and Multilinear Algebra, 2019, 67, 1174-1189.	1.0	4
6	Finite Frame Theory. Foundations for Undergraduate Research in Mathematics, 2017, , 145-170.	0.0	0
7	Construction of k-Angle Tight Frames. Numerical Functional Analysis and Optimization, 2016, 37, 975-989.	1.4	8
8	Welch bounds for cross correlation of subspaces and generalizations. Linear and Multilinear Algebra, 2016, 64, 1484-1497.	1.0	3
9	Tight frames, partial isometries, and signal reconstruction. Applicable Analysis, 2015, 94, 653-671.	1.3	0
10	Frame properties of low autocorrelation random sequences. Advances in Pure and Applied Mathematics, 2014, 5, .	0.4	2
11	Sampling of homogeneous polynomials and approximating multivariate functions. Advances in Pure and Applied Mathematics, 2013, 3, .	0.4	0
12	Discrete Autocorrelation-Based Multiplicative MRAs and Sampling on â„•. Sampling Theory in Signal and Information Processing, 2011, 10, 111-133.	0.2	0