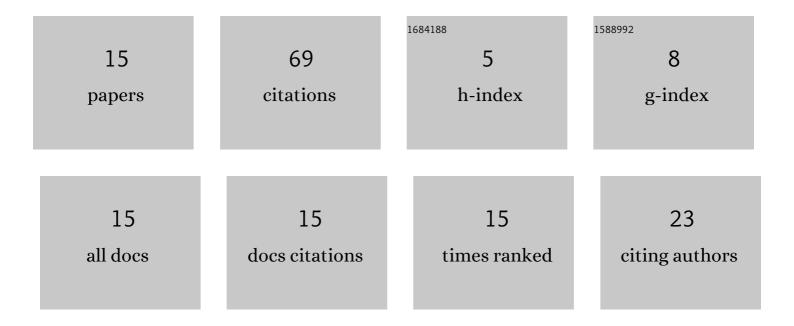
## Suzan C Buranay

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Incomplete blockâ€matrix factorization of M â€matrices using twoâ€step iterative method for matrix inversion and preconditioning. Mathematical Methods in the Applied Sciences, 2021, 44, 7634-7650.	2.3	7
2	Implicit method of high accuracy on hexagonal grids for approximating the solution to heat equation on rectangle. AIP Conference Proceedings, 2021, , .	0.4	0
3	Six Point Implicit Methods for the Approximation of the Derivatives of the Solution of First Type Boundary Value Problem for Heat Equation. Springer Proceedings in Mathematics and Statistics, 2021, , 39-62.	0.2	Ο
4	Two Stage Implicit Method on Hexagonal Grids for Approximating the First Derivatives of the Solution to the Heat Equation. Fractal and Fractional, 2021, 5, 19.	3.3	4
5	Numerical Solution of the Fredholm and Volterra Integral Equations by Using Modified Bernstein–Kantorovich Operators. Mathematics, 2021, 9, 1193.	2.2	9
6	Hexagonal Grid Computation of the Derivatives of the Solution to the Heat Equation by Using Fourth-Order Accurate Two-Stage Implicit Methods. Fractal and Fractional, 2021, 5, 203.	3.3	5
7	Hexagonal grid approximation of the solution of the heat equation on special polygons. Advances in Difference Equations, 2020, 2020, .	3.5	6
8	A predictor-corrector iterative method for solving linear least squares problems and perturbation error analysis. Journal of Inequalities and Applications, 2019, 2019, .	1.1	3
9	Approximate Schur-Block ILU Preconditioners for Regularized Solution of Discrete Ill-Posed Problems. Mathematical Problems in Engineering, 2019, 2019, 1-18.	1.1	8
10	Six point implicit methods for the pure second derivatives of the solution of first type boundary value problem for one dimensional heat equation. AIP Conference Proceedings, 2018, , .	0.4	1
11	Implicit methods for the first derivative of the solution to heat equation. Advances in Difference Equations, 2018, 2018, .	3.5	4
12	High order iterative methods for matrix inversion and regularized solution of fredholm integral equation of first kind with noisy data. ITM Web of Conferences, 2018, 22, 01002.	0.5	1
13	On the two classes of highâ€order convergent methods of approximate inverse preconditioners for solving linear systems. Numerical Linear Algebra With Applications, 2017, 24, e2111.	1.6	9
14	One-block method for computing the generalized stress intensity factors for Laplace's equation on a square with a slit and on an L-shaped domain. Journal of Computational and Applied Mathematics, 2015, 289, 400-411.	2.0	3
15	The highly accurate block-grid method in solving Laplace's equation for nonanalytic boundary condition with corner singularity. Computers and Mathematics With Applications, 2012, 64, 616-632.	2.7	9