

Suzan C Buranay

List of Publications by Year in descending order

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15
papers

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1684188

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times ranked

23
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Incomplete block-matrix factorization of M -matrices using two-step iterative method for matrix inversion and preconditioning. <i>Mathematical Methods in the Applied Sciences</i> , 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. <i>AIP Conference Proceedings</i> , 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. <i>Springer Proceedings in Mathematics and Statistics</i> , 2021, , 39-62. | 0.2 | 0 |
| 4 | Two Stage Implicit Method on Hexagonal Grids for Approximating the First Derivatives of the Solution to the Heat Equation. <i>Fractal and Fractional</i> , 2021, 5, 19. | 3.3 | 4 |
| 5 | Numerical Solution of the Fredholm and Volterra Integral Equations by Using Modified Bernstein-Kantorovich Operators. <i>Mathematics</i> , 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. <i>Fractal and Fractional</i> , 2021, 5, 203. | 3.3 | 5 |
| 7 | Hexagonal grid approximation of the solution of the heat equation on special polygons. <i>Advances in Difference Equations</i> , 2020, 2020, . | 3.5 | 6 |
| 8 | A predictor-corrector iterative method for solving linear least squares problems and perturbation error analysis. <i>Journal of Inequalities and Applications</i> , 2019, 2019, . | 1.1 | 3 |
| 9 | Approximate Schur-Block ILU Preconditioners for Regularized Solution of Discrete Ill-Posed Problems. <i>Mathematical Problems in Engineering</i> , 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. <i>AIP Conference Proceedings</i> , 2018, , . | 0.4 | 1 |
| 11 | Implicit methods for the first derivative of the solution to heat equation. <i>Advances in Difference Equations</i> , 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. <i>ITM Web of Conferences</i> , 2018, 22, 01002. | 0.5 | 1 |
| 13 | On the two classes of high-order convergent methods of approximate inverse preconditioners for solving linear systems. <i>Numerical Linear Algebra With Applications</i> , 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. <i>Journal of Computational and Applied Mathematics</i> , 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. <i>Computers and Mathematics With Applications</i> , 2012, 64, 616-632. | 2.7 | 9 |