

# Majeed AL-Jawary

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

226  
citations

932766

10  
h-index

1058022

14  
g-index

19  
all docs

19  
docs citations

19  
times ranked

113  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Radial integration boundary integral and integro-differential equation methods for two-dimensional heat conduction problems with variable coefficients. <i>Engineering Analysis With Boundary Elements</i> , 2012, 36, 685-695.                            | 2.0 | 35        |
| 2  | Analytical and numerical solutions for the nonlinear Burgers and advection–diffusion equations by using a semi-analytical iterative method. <i>Computers and Mathematics With Applications</i> , 2018, 76, 155-171.  | 1.4 | 21        |
| 3  | Boundary element formulations for the numerical solution of two-dimensional diffusion problems with variable coefficients. <i>Computers and Mathematics With Applications</i> , 2012, 64, 2695-2711.   | 1.4 | 20        |
| 4  | A semi-analytical iterative method for solving nonlinear thin film flow problems. <i>Chaos, Solitons and Fractals</i> , 2017, 99, 52-56.   | 2.5 | 17        |
| 5  | A semi-analytical iterative technique for solving chemistry problems. <i>Journal of King Saud University - Science</i> , 2017, 29, 320-332.  | 1.6 | 17        |
| 6  | Daftardar-Jafari method for solving nonlinear thin film flow problem. <i>Arab Journal of Basic and Applied Sciences</i> , 2018, 25, 20-27.   | 1.0 | 17        |
| 7  | Three iterative methods for solving second order nonlinear ODEs arising in physics. <i>Journal of King Saud University - Science</i> , 2020, 32, 312-323.  | 1.6 | 13        |
| 8  | Numerical solution of two-dimensional mixed problems with variable coefficients by the boundary-domain integral and integro-differential equation methods. <i>Engineering Analysis With Boundary Elements</i> , 2011, 35, 1279-1287.                       | 2.0 | 12        |
| 9  | A SEMI ANALYTICAL ITERATIVE TECHNIQUE FOR SOLVING DUFFING EQUATIONS. <i>International Journal of Pure and Applied Mathematics</i> , 2016, 108, .   | 0.2 | 12        |
| 10 | Numerical solution of the two-dimensional Helmholtz equation with variable coefficients by the radial integration boundary integral and integro-differential equation methods. <i>International Journal of Computer Mathematics</i> , 2012, 89, 1463-1487. | 1.0 | 11        |
| 11 | A reliable iterative method for solving Volterra integro-differential equations and some applications for the Lane–Emden equations of the first kind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 3093-3104.                     | 1.6 | 8         |
| 12 | An efficient iterative method for solving the Fokker–Planck equation. <i>Results in Physics</i> , 2016, 6, 985-991.  | 2.0 | 8         |
| 13 | Semi-analytical method for solving Fokker-Planck’s equations. <i>Journal of the Association of Arab Universities for Basic and Applied Sciences</i> , 2017, 24, 254-262.   | 1.0 | 8         |
| 14 | A semi-analytical iterative method for solving differential algebraic equations. <i>Ain Shams Engineering Journal</i> , 2018, 9, 2581-2586.  | 3.5 | 7         |
| 15 | Reliable Iterative Methods for Solving the Falkner-Skan Equation. <i>Gazi University Journal of Science</i> , 2020, 33, 168-186.   | 0.6 | 6         |
| 16 | Development of the Banach contraction method for the solution of nonlinear thin film flows of non-Newtonian fluids. <i>Arab Journal of Basic and Applied Sciences</i> , 2018, 25, 122-131.   | 1.0 | 5         |
| 17 | Reliable Iterative Methods for Solving Convective Straight and Radial Fins with Temperature-Dependent Thermal Conductivity Problems. <i>Gazi University Journal of Science</i> , 2019, 32, 967-989.  | 0.6 | 5         |
| 18 | Two efficient methods for solving Schl milch’s integral equation. <i>International Journal of Intelligent Computing and Cybernetics</i> , 2017, 10, 287-309.   | 1.6 | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | RELIABLE ITERATIVE METHODS FOR SOLVING 1D, 2D AND 3D FISHER'S EQUATION. IIUM Engineering Journal, 2021, 22, 138-166. | 0.5 | 2         |